





This report has been prepared at the request of the Multi-Stakeholder Group (MSG) in charge of the implementation of the Extractive Industries Transparency Initiative in Iraq. The opinions expressed in the report are those of the Independent Administrator and the report has been approved by the MSG. This report has been prepared exclusively for use by the NRTC and must not be used by other parties, nor for any purposes other than those for which it is intended.

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# **LIST OF ABBREVIATIONS**

| b/d   | Barrel per day   |
|-------|--|
| BGC   | Basra Gas Company  |
| ВО    | Beneficial ownership                                     |
| ВОС   | Basra Oil Company  |
| BOD   | Board of Directors                                       |
| ВОТІ  | Baghdad Oil Training Institute                           |
| СВІ   | Central Bank of Iraq                                     |
| EDPSC | Exploration, Development and Production Service Contract |
| FBSA  | Federal Board of Supreme Audit                           |
| FY    | Financial Year   |
| GFC   | Gas Filling Company                                      |
| IDC   | Iraqi Drilling Company                                   |
| IMF   | International Monetary Fund                              |
| INOC  | Iraqi National Oil Company                               |
| ЮВ    | International Oil buyers                                 |
| IOTC  | Iraqi Oil Tankers Company                                |
| IPC   | Iraq Petroleum Company                                   |
| IPR   | Initial Production Rate                                  |
| коті  | Kirkuk Oil Training Institute                            |
| KRG   | Kurdish Regional Government                              |
| MdOC  | Midland Oil Company                                      |
| MNR   | Ministry of Natural Resources                            |
| MOC   | Missan Oil Company                                       |
| MoE   | Ministry of Environment                                  |
| MoF   | Ministry of Finance                                      |
| MolM  | Ministry of Industry and Minerals                        |
| МоО   | Ministry of Oil  |
| MoP   | Ministry of Planning                                     |
| MRC   | Midland Refineries Company                               |
| MSE   | Mandatory Social Expenditures                            |
| MSG   | Multi-Stakeholder Group                                  |
| NGC   | North Gas Company  |
| NRTC  | Natural Resources Transparency Commission                |
| NOC   | North Oil Company  |
| NRC   | North Refineries Company                                 |
| OEC   | Oil Exploration Company                                  |

| OPC  | Oil Pipelines Company                             |
|------|---|
| OPDC | Oil Products Distribution Company                 |
| OPEC | Organization of the Petroleum Exporting Countries |
| ОТІ  | Oil Training Institute, Baiji                     |
| PCLD | Petroleum Contracts and Licensing Department      |
| PEP  | Politically exposed Person                        |
| PPT  | Plateau Production Target                         |
| PRDC | Petroleum Research and Development Center         |
| RFB  | Remuneration Fee Bid                              |
| SCOP | State company for Oil Projects                    |
| SGC  | South Gas Company                                 |
| SOMO | Oil Marketing Company                             |
| SRC  | South Refineries Company                          |
| TQOC | Thi-Qar Oil Company                               |
| VSE  | Voluntary Social Expenditures                     |

# INTRODUCTION

# Extractive Industries Transparency Initiative (EITI)

# **Background**

The Extractive Industries Transparency Initiative (EITI) was first announced at the World Summit on Sustainable Development in Johannesburg in 2002 (the Earth Summit 2002) and was officially launched in London in 2003.1

It is a global standard to promote open and accountable management of natural resources. It seeks to strengthen government and company systems, inform public debates, and enhance trust. In each implementing country, it is supported by a coalition of governments, companies operating in the extractive sector and civil society organisations working together.

# Evolving normative framework (2003-2023)

From 1 January 2025 onwards, EITI reports should be prepared based on the 2023 EITI Standard (here in after referred to as the "The EITI Standard"). This is the seventh version of the Standard since the EITI Principles were declared in 2003. Please see Figure 1 below.

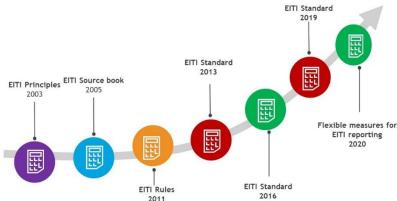
gender

The EITI Standard encourages countries to make use of existing reporting systems for EITI data collection and to make the results transparent at source. The 2019 EITI Standard introduced new aspects on environmental, social, and impacts. It also broke ground on the disclosure of the identity of the real owners the 'beneficial owners' - of the companies that have obtained rights to extract oil, gas and minerals starting from 2020. The EITI Standard sets out the requirements which countries need to meet to be recognised, first as

Candidates and subsequently as EITI Compliant countries.

reporting scheduled for publication in 2021 and 2022.2

FIGURE 1: EVOLVING NORMATIVE FRAMEWORK (2003-2023)



Recognising the challenges associated with the COVID-19 pandemic, the EITI Board issued new measures to provide flexibility in EITI implementation and

<sup>&</sup>lt;sup>1</sup> For more information on the EITI, please visit their website <u>here</u>.

<sup>&</sup>lt;sup>2</sup> For more information on these measures, please see <u>here</u>.

# **EITI Implementing countries**

EITI is currently being implemented in 57 countries in Africa, Asia, Europe, America and Oceania. Please see Figure 2 below.

FIGURE 2: MAP OF EITI IMPLEMENTING COUNTRIES

## North America (4)

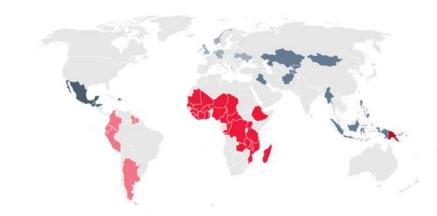
Dominican Republic Guatemala Honduras Mexico

#### South America (7)

Argentina
Colombia
Ecuador
Guyana
Peru
Suriname
Trinidad & Tobago

# OCEANIA (1)

**PNG** 



# ASIA (11) Afghanistan Armenia

Kyrgyz Republic

Armenia Myanmar Indonesia Philippines Iraq Tajikistan Kazakhstan Timor-Leste

## EUROPE (6)

Albania Germany Netherlands Norway Ukraine UK

| AFRICA (28)  |             |                       |
|--------------|-------------|-----------------------|
| Angola       | Guinea      | Nigeria               |
| Burkina Faso | Ivory Coast | Republic of Congo     |
| Cameroon     | Liberia     | São Tomé and Príncipe |
| CAR          | Madagascar  | Senegal               |
| Chad         | Malawi      | Seychelles            |
| DRC          | Mali        | Sierra Leone          |
| Ethiopia     | Mauritania  | Tanzania              |
| Gabon        | Mozambique  | Togo                  |
| Ghana        | Niger       | Uganda / Zambia       |

Mongolia

## Independent evaluation of EITI

The EITI International Secretariat published in November 2022 an <u>independent evaluation</u> <u>of EITI</u>. It builds on efforts to strengthen the EITI's approach to documenting, communicating and learning from the results of implementation, in line with recommendations from a 2020 review of international best practice in results measurement and impact evaluation.

The study raised some key findings relating to:

- informing the energy transition;
- supporting open data;
- informing investment decisions;
- strengthening revenue mobilisation;
- addressing corruption risks; and
- measuring impact.

# EITI in Iraq<sup>3</sup>

The Government of Iraq first announced its intention to join the EITI programme in March 2009 to promote transparency and accountability in the management of its mineral resources. The country formed its first multi-stakeholder group (MSG) in September 2010. Iraq became an EITI Candidate in February 2010, and it became a compliant country in December 2012.

The MSG is responsible for developing policies and programmes that align with the EITI Standard and reflect national priorities, oversee the EITI reporting process, approve work plans and effectively undertake outreach activities on necessary information that emanate from the EITI Process.

The MSG provides oversight of the EITI process and comprises full members and their alternates from several government ministries, departments and agencies, mining companies, and civil society organisations. The MSG has reviewed its own internal governance for better oversight of the EITI implementation.

The NRTC is responsible for the implementation of planned and approved activities designed by the MSG's work plan and the EITI Standard. Headed by a National Coordinator, the Secretariat lacks key professional staff drawn from several professional backgrounds required for the day-to-day operations of the Secretariat.

The EITI process in Iraq covers two sectors: oil & gas and mining. To date eleven (11) EITI Independent Administrator reports have been published covering the years from 1 January 2009 to 31 December 2020 as detailed in the table below:

TABLE 1: LIST OF EITI REPORTS

| Ν° | Year | Publication date |
|----|------|------------------|
| 1  | 2009 | December 2011    |
| 2  | 2010 | May 2013         |
| 3  | 2011 | December 2013    |
| 4  | 2012 | December 2014    |
| 5  | 2013 | December 2015    |
| 6  | 2014 | April 2016       |

| Ν° | Year      | Publication date |
|----|-----------|------------------|
| 7  | 2015      | November 2016    |
| 8  | 2016      | December 2018    |
| 9  | 2017      | December 2019    |
| 10 | 2018      | March 2021       |
| 11 | 2019-2020 | July 2022        |

<sup>&</sup>lt;sup>3</sup> For more information on EITI in Iraq, see the website <u>here</u>.

This inception report is produced to inform the MSG members of the data collected from the GAs, SOEs and IOCs during the scoping phase as well as to explain the limitations to the scope and barriers preventing the comprehensive disclosure of the information for the twelfth (12<sup>th</sup>) EITI Report for Iraq which covers the period from 1 January to 31 December 2021.

The timeline for the EITI process can be presented as follows:

TABLE 2: TIMELINE FOR THE EITI PROCESS

| Date           | Event  |  |  |  |
|----------------|--|--|--|--|
| March 2009     | Government announces commitment to join the EITI   |  |  |  |
| January 2010   | Candidature application is submitted   |  |  |  |
| February 2010  | ary 2010 Iraq joined   |  |  |  |
| September 2010 | Multi-stakeholder group is formed  |  |  |  |
| November 2011  | 1st EITI Report published (Period covered: calendar year 2009 / Sectors covered: Oil, Gas and Mining)                        |  |  |  |
| December 2012  | Iraq designed EITI compliant country   |  |  |  |
| December 2012  | 2 <sup>nd</sup> EITI Report published (Period covered: calendar year 2010 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| December 2013  | 3 <sup>rd</sup> EITI Report published (Period covered: calendar year 2011 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| December 2014  | 4 <sup>th</sup> EITI Report published (Period covered: calendar year 2012 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| December 2015  | 5 <sup>th</sup> EITI Report published (Period covered: calendar year 2013 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| April 2016     | 6 <sup>th</sup> EITI Report published (Period covered: calendar year 2014 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| December 2016  | 7 <sup>th</sup> EITI Report published (Period covered: calendar year 2015 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| October 2017   | 1st validation result: Inadequate progress   |  |  |  |
| December 2018  | 8 <sup>th</sup> EITI Report published (Period covered: calendar year 2016 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| October 2019   | 2 <sup>nd</sup> validation result: Meaningful progress   |  |  |  |
| December 2019  | 9 <sup>th</sup> EITI Report published (Period covered: calendar year 2017 / Sectors covered: Oil, Gas and Mining)            |  |  |  |
| March 2021     | 10 <sup>th</sup> EITI Report published (Period covered: calendar year 2018 / Sectors covered: Oil, Gas and Mining)           |  |  |  |
| July 2022      | 11 <sup>th</sup> EITI Report published (Period covered: calendar years 2019 and 2020 / Sectors covered: Oil, Gas and Mining) |  |  |  |

#### **EITI Validation**

Iraq was found to have made meaningful progress in implementing the 2016 EITI Standard in October 2019, following its second Validation. Iraq has fully addressed 10 of the 22 corrective actions identified in this Validation, with significant improvements across the 12 remaining actions. The next Validation was expected to commence in January 2023.<sup>4</sup>

<sup>&</sup>lt;sup>4</sup> <a href="https://eiti.org/countries/iraq">https://eiti.org/countries/iraq</a>

# Key changes to the EITI standard

To enable countries to respond to the most pressing challenges facing natural resource governance today, the 2023 EITI Standard includes several new and refined provisions. EITI Implementing Countries will not be assessed against the 2023 Standard until 2025, but are encouraged to incorporate the new requirements earlier.

These broadly cover four thematic areas:

- Anti-corruption: Enhance the ability of countries and companies to use the EITI platform for the identification and management of corruption risks in the natural resource sector.
- Energy transition: Supporting disclosure and public debate on the implications of energy transition by highlighting relevant policies, as well as revenues countries can expect from their oil, gas and minerals under different market scenarios.
- Gender, social and environmental issues: To help ensure that natural resources are managed in the interests of all citizens, there are stronger provisions to promote greater diversity in decision-making and disclosure, considering gender, social and environmental issues.
- Revenue collection: New and refined provisions require more comprehensive and detailed disclosures, which can help countries strengthen their tax base and raise revenues.

For further information about the 2023 EITI Standard, please refer to the summary of changes the EITI International Secretariat prepared in June 2023.<sup>5</sup>

# Scope of Work

BDO LLP has been appointed as Independent Administrator for the preparation of the NRTC report for the year 2021.

The compilation and reporting procedures carried out were not designed to constitute an audit or review in accordance with International Standards on Auditing or International Standards on Review Engagements and as a result we do not express any assurance on the transactions beyond the explicit statements set out in this report. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This Report includes five sections as follows:

- Executive Summary.
- Approach and Methodology.
- Contextual Information on the Extractive Sectors.
- Scope of the NRTC Report; and
- Recommendations.

<sup>5</sup> https://eiti.org/sites/default/files/2023-06/Explainer\_EITI%20Standard%202023\_%20Summary%20of%20changes.pdf BDO LLP

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Our report includes information received up to **30 November 2023**. Any information received after this date has not, therefore, been taken into consideration.

Our work included a general understanding of the extractive sectors in Iraq. We also held meetings with several entities involved in the EITI process to collect relevant information and documentation necessary to achieve the objectives of our work.

# 1. EXECUTIVE SUMMARY

# 1.1. Objective of the report

Normally the overall objective of an Inception Report is to agree the scope of the EITI reporting process, including the reporting templates, data collection procedures, and the schedule for publishing the EITI Report. However, we have not proposed a reporting scope or materiality threshold for MSG approval given the non-receipt of revenue statements from GAs (specifically the MoF and SOMO).

# 1.2. Scope of work

In accordance with the terms of reference for the engagement, we were required to carry out a scoping study ahead of the preparation of the 2021 NRTC Report, including a proposal of:

- taxes and revenues to be included in the scope;
- companies and government agencies to be included in the report;
- a reporting template to be completed by the reporting entities;
- the materiality threshold for receipts and payments by sector;
- assurances to be provided by reporting parties to ensure credibility of the data being reported.

Due to a lack of certain information, mainly from the Ministry of Finance and SOMO, we have included all international oil companies (IOCs) in the reporting process regardless of any materiality threshold.

# 1.3. Limitations

We set out below the limitations of the scoping phase and the barriers preventing the comprehensive disclosure of all EITI information.

# <u>Weaknesses in Government Agencies' and State-Owned Enterprises' submission of</u> requested documents

We submitted a request for documents on WhatsApp and via email in September 2023 to the 12 Government Agencies (GAs). As of the date of this report, three GAs have provided the data.

The same applies to State-Owned Enterprises, where only three out of 17 SOEs have provided the data.

## Weaknesses in International Oil Companies' submission of reporting templates

We held an online workshop for International Oil Companies (IOCs) on Thursday 26 October 2023. Eleven companies (holding 16 licensees) attended the event and received the EITI Reporting package (presentation, reporting templates and guidance for their completion). They were given two-weeks to complete the templates.

The EITI Reporting package was also distributed to 15 other companies (holding 20 licensees) on 5 November 2023.

As of the date of this report, 9 out of 36 licensees have completed their reporting templates and provided their audited financial statements.

The detailed progress of the data collection process is shown in Annex 1 to this report.

# Overall status for GAs, SOEs and IOCs

40 out of 65 reporting entities have acknowledged receipt of our request (62%), 15 of which have submitted their data (23%).

| Entity | Total |
|--------|-------|
| GAs    | 12    |
| SOEs   | 17    |
| IOCs   | 36    |
| Total  | 65    |

| RfD              |      |     |            |  |
|------------------|------|-----|------------|--|
| Received Not yet |      |     |            |  |
| No.              | %    | No. | %          |  |
| 10               | 83%  | 2   | 17%        |  |
| 16               | 94%  | 1   | <b>6</b> % |  |
| 36               | 100% | 0   | 0%         |  |
| 62               | 95%  | 3   | 5%         |  |

| AR   |             |     |     |  |  |
|------|-------------|-----|-----|--|--|
| Rece | eived       | Not | yet |  |  |
| No.  | %           | No. | %   |  |  |
| 8    | 67%         | 4   | 33% |  |  |
| 10   | <b>59</b> % | 7   | 41% |  |  |
| 22   | 61%         | 14  | 39% |  |  |
| 40   | 62%         | 25  | 38% |  |  |

| Response |       |     |             |  |  |
|----------|-------|-----|-------------|--|--|
| Rece     | eived | Not | yet         |  |  |
| No.      | %     | No. | %           |  |  |
| 3        | 25%   | 9   | <b>75</b> % |  |  |
| 3        | 18%   | 14  | <b>82</b> % |  |  |
| 9        | 25%   | 27  | <b>75</b> % |  |  |
| 15       | 23%   | 50  | 77%         |  |  |

# Weaknesses in providing requested data from GAs and SOEs

Following several reminders to provide the requested documents needed to prepare the 2021 NRTC report, in total 50 out of 187 documents have been received, representing 27% of the information requested.

The main outstanding documents are the following:

- The Ministry of Finance (MoF) have not provided the revenues from the oil, gas and mining sectors during the 2021.
- The State Oil Marketing Organisation (SOMO) has not provided the revenues (crude oil export revenues, exported oil products revenues...) from the oil and gas sector during 2021 as well as the list and contact details of the international oil companies buying crude oil and companies purchasing petroleum products, exported by SOMO during 2021.
- The Petroleum Contracts and Licensing Department (PCLD) and the State Oil Marketing Organisation (SOMO) have not provided the details of cost recovery and remuneration fees made to IOCs during 2021; and
- The register of licenses including the information required by the EITI Standard for the oil and gas sector has not been provided.

The follow up of the detailed documents is presented in Annex 2 to this report.

The NRTC and the IA team is following up with these reporting entities to provide the outstanding information as soon as possible.

Mark Henderson

55 Baker Street

**Partner** 

London W1U 7EU

**BDO LLP** 

5 December 2023

# 2. APPROACH AND METHODOLOGY

# 2.1. Scoping study

To be effective and compliant, the EITI Report should be timely, reliable, comprehensive and comprehensible. Scoping decisions are critical in ensuring that EITI reports meet these requirements. The scoping study involves:

- collating all necessary information related to the management of the extractive sectors in line with MSG's objectives and workplan, and the EITI's requirements (EITI Requirements 2, 3, 4, 5 and 6).
- proposing options for strengthening disclosure of information to ensure accessibility, reliability and complementarity with existing government and company systems (EITI Requirement 7.2.c and the EITI Open data policy).
- identifying the total government revenues from the extractive sectors to document a recommended definition of materiality and coverage (EITI Requirements 4, 4.1.d and 4.1.a).
- suggesting the payments and revenue streams to be reported, including appropriate materiality thresholds and the levels of disaggregation where applicable (EITI Requirements 4.1.a, 4.1.b and 4.7).
- listing the companies, state-owned enterprises and government agencies expected to participate in the report according to a suggested materiality threshold (EITI Requirement 4.1.a.).
- identifying additional benefit streams from the extractive sectors that should be disclosed (EITI Requirements 4.2, 4.3, 4.4, 4.5 and 4.6).
- identifying revenue streams that are not recorded in the national budget and explaining the allocation of such off-budget revenues as well as tracking implementation of the International Monetary Fund's Government Finance Statistics (GFS) classifications for extractive revenues.
- considering revenue allocations and expenditure that should be disclosed under EITI Requirements 5 and 6, and to the extent possible, assessing the possibility for unilateral or where possible reconciliation of social expenditure as per EITI Requirements 6.1 a) and b) and other contributions.
- assessing the reliability of available data, including reviewing current auditing practices and the assurances to be provided by the reporting entities (EITI Requirement 4.9).
- identifying any barriers to disclosure of the information requested and propose solutions for addressing them; and
- investigating any other issues as mandated by the MSG.

To conduct the preliminary analysis, the following steps should be performed:

- obtain a good understanding of the extractive resources and sectors of the country;
- review the fiscal regime and other relevant revenue streams applicable to the extractive sector, including in-kind payments, social payments, infrastructure provisions and other bartering agreements;

- consider the current auditing practices for companies and government agencies;
- review existing data from the relevant period to determine significant revenue streams;
- define a materiality threshold for revenue streams to be covered in the EITI Report;
- identify extractive companies which make material payments within the scope of the agreed material revenue streams;
- identify government agencies, including those at sub-national level, which collect material revenues within the scope of the agreed material revenue streams;
- examine the MSG's workplan in order to gain a clear understanding of the objectives and scope of Iraq's EITI implementation;
- review any annual progress reports that have been produced as well as any actions undertaken by the MSG to assess progress made and address recommendations from any previous EITI reporting exercises and validations;
- undertake a review of all past EITI and Validation reports to gain an understanding of the current scope and state of the EITI reporting process in Iraq and assessed areas where further improvement is needed; and
- assess the timeliness, comprehensiveness and reliability of the information received and make recommendations on how publicly available data can be improved or complemented to address the EITI requirements and the MSG's objectives.

We have not been able to carry out a full scoping study, including setting the materiality thresholds for revenues and expenditures, taxes and revenues to be included, and companies and government agencies to be included in the report.

#### 2.2. Data collection

To understand and document the size of the Iraqi Extractive Industry and the commercial practices, tax systems and the payment flows as well as extractive companies and government agencies involved in this sector, we collected data on:

- legislation applicable to the extractive sectors.
- the structure of the extractive sectors in Iraq, its size, and its main stakeholders.
- the statistics and financial indicators of the extractive sectors in terms of production and contribution in the Iraqi revenue performance.
- all changes which occurred during the period with regards to legislation, new contracts or agreements that might impact the extractive sectors; and
- the main conclusions and issues raised in previous NRTC Reports.

# 2.3. Review of the legal and tax documentation

We examined all relevant legislation applicable to the Iraqi extractive sectors to identify:

- all revenue streams paid by companies operating in mining and oil and gas sectors;
- the basis of calculation of these revenue streams in the extractive sectors;
- the government agencies which collect the revenue streams paid by companies; and

audit regulations governing extractive companies and government agencies.

# 2.4. Compilation of statistical data on the extractive sectors

To identify all payment flows as well as relevant entities in the extractive sectors, we are required to perform the following tasks:

- collection of the list of all active licenses during the period;
- collection of all receipts made by the State from companies operating in the extractive sectors;
- reconciliation of the list of licenses for exploitation and exploration with the list of registered companies;
- check the list of companies included within the scope of previous years to ensure comparability between the years;
- consolidation of revenues collected by government agencies, by type of payment flow and by company;
- calculation of the impact of the consolidation results on the materiality analysis; and
- amendment of the reporting template in accordance with the results of the scoping study and the requirement of the EITI Standard.

We were not able to carry out all of these tasks due to non-submission of the requested data by the GAs and SOEs.

# 3. CONTEXTUAL INFORMATION ON THE EXTRACTIVE SECTORS

#### The contribution of the extractive sector to the economy

According to macro-economic data received from the Central Bureau of Statistics under the Ministry of Planning, the mining and quarrying sector accounted for **IQD 137,895,586 million** in 2021, which represented **45.6**% of the national GDP at current basic prices, including 45.5% from crude oil and 0.1% related to other types of mining. The contribution of the mining and quarrying sector to GDP had increased by IQD 74,273,561 million (116.7%) compared to the year 2020 and is presented in the table below.

TABLE 3: GDP BY ACTIVITY TYPE, AT BASIC CURRENT PRICES FOR THE YEARS 2020 AND 2021

|  | 2021        |        | 2020        |        | Differer    | nce    |
|--|-------------|--------|-------------|--------|-------------|--------|
| Sectors  | IQD million | %      | IQD million | %      | IQD million | %      |
| Agriculture, forestry, hunting & fishing               | 9,970,509   | 3.3%   | 13,130,927  | 6.0%   | -3,160,418  | -24.1% |
| Mining and quarrying                                   | 137,895,586 | 45.6%  | 63,622,026  | 29.3%  | 74,273,561  | 116.7% |
| - Crude oil  | 137,596,691 | 45.5%  | 63,335,720  | 29.1%  | 74,260,972  | 117.2% |
| - Other types of mining                                | 298,895     | 0.1%   | 286,306     | 0.1%   | 12,589      | 4.4%   |
| Manufacturing industry                                 | 6,714,286   | 2.2%   | 5,582,242   | 2.6%   | 1,132,045   | 20.3%  |
| Electricity and water                                  | 4,828,954   | 1.6%   | 5,550,316   | 2.6%   | -721,362    | -13.0% |
| Building and construction                              | 12,380,037  | 4.1%   | 11,303,198  | 5.2%   | 1,076,839   | 9.5%   |
| Transport, communications, and storage                 | 30,259,581  | 10.0%  | 22,723,494  | 10.5%  | 7,536,087   | 33.2%  |
| Wholesale, retail trade, hotels & others               | 20,716,394  | 6.8%   | 19,635,683  | 9.0%   | 1,080,711   | 5.5%   |
| Finance, insurance, real estate, and business services | 19,929,305  | 6.6%   | 21,341,141  | 9.8%   | -1,411,836  | -6.6%  |
| - Banks and insurance                                  | 2,133,271   | 0.7%   | 3,747,535   | 1.7%   | -1,614,264  | -43.1% |
| - Ownership of dwellings                               | 17,796,034  | 5.9%   | 17,593,606  | 8.1%   | 202,428     | 1.2%   |
| Social and personal services                           | 59,997,261  | 19.8%  | 54,524,569  | 25.1%  | 5,472,693   | 10.0%  |
| - General government                                   | 47,316,731  | 15.6%  | 43,416,416  | 20.0%  | 3,900,315   | 9.0%   |
| - Personal services                                    | 12,680,530  | 4.2%   | 11,108,153  | 5.1%   | 1,572,377   | 14.2%  |
| Total GDP  | 302,691,913 | 100.0% | 217,413,594 | 100.0% | 85,278,318  | 39.2%  |

Source: Central Bureau of Statistics / Ministry of Planning

The contribution of the mining and quarrying sector to GDP increased in 2021 because of an increase in oil and gas prices (further details are provided in Section 3.1.b below).

The table below shows key figures on the economy and the oil and gas sector in Iraq and neighbouring OPEC countries.

TABLE 4: KEYS FIGURES ON THE ECONOMY AND THE OIL AND GAS SECTOR IN IRAQ AND NEIGHBOURING OPEC COUNTRIES

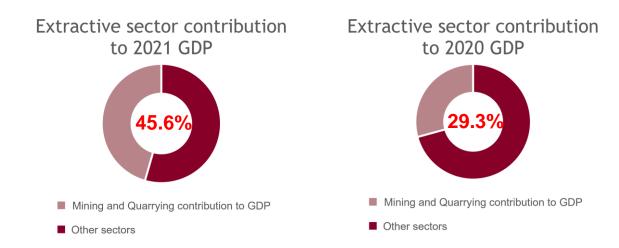
| Figure                           | Iraq  | Kuwait | Saudi Arabia | Iran  |
|----------------------------------|-------|--------|--------------|-------|
| Population (million inhabitants) | 41    | 4      | 35           | 85    |
| Land area (1,000 sq km)          | 438   | 18     | 2,150        | 1,648 |
| GDP per capita (\$)              | 5,047 | 31,216 | 23,507       | 2,707 |

| Figure  | lraq    | Kuwait  | Saudi Arabia | Iran    |
|---|---------|---------|--------------|---------|
| GDP at market prices (million \$)                   | 207,889 | 135,352 | 833,541      | 230,014 |
| Value of exports (million \$)                       | 86,298  | 72,386  | 286,502      | 58,132  |
| Value of petroleum exports (million \$)             | 79,788  | 56,545  | 202,166      | 25,313  |
| Current account balance (million \$)                | 22,319  | 32,574  | 44,324       | 15,004  |
| Proven crude oil reserves (million barrels)         | 145,019 | 101,500 | 267,192      | 208,600 |
| Proven natural gas reserves (billion cu. m.)        | 3,714   | 1,784   | 8,507        | 33,988  |
| Crude oil production (1,000 b/d)                    | 3,971   | 2,415   | 9,125        | 2,392   |
| Marketed production of natural gas (million cu. m.) | 9,586   | 12,728  | 120,485      | 257,119 |
| Refinery capacity (1,000 b/cd)                      | 1,116   | 800     | 3,327        | 2,202   |
| Output of petroleum products (1,000 b/d)            | 740     | 845     | 2,548        | 1,673   |
| Oil demand (1,000 b/d)                              | 621     | 482     | 2,966        | 1,777   |
| Crude oil exports (1,000 b/d)                       | 3,440   | 1,740   | 6,227        | 763     |
| Exports of petroleum products (1,000 b/d)           | 158     | 604     | 1,344        | 333     |
| Natural gas exports (million cu. m.)                | -       | -       | -            | 18,425  |

Source: OPEC, Annual Statistical Bulletin 2022, BDO.

The figure below provides a comparison of the extractive sector contribution to the Iraqi economy for the years 2020 and 2021:

FIGURE 3: EXTRACTIVE SECTOR CONTRIBUTION 2020-2021



# 3.1. Oil & Gas sector

# a. Context of the Oil & Gas sector in Iraq

Iraq has significant reserves of oil and natural gas. With proven crude oil reserves estimated at 145 billion barrels, Iraq is the fourth largest in the world among the Organization of the Petroleum Exporting Countries (OPEC) after Venezuela, Saudi Arabia and Iran.<sup>6</sup>

https://www.opec.org/opec\_web/static\_files\_project/media/downloads/publications/ASB\_2022.pdf

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<sup>&</sup>lt;sup>6</sup> OPEC Annual Statistical Bulletin (57th edition

TABLE 5: OPEC MEMBERS' PROVEN CRUDE OIL RESERVES

| N° | Country      | Reserves<br>(m bbl) |
|----|--------------|---------------------|
| 1  | Venezuela    | 303,468             |
| 2  | Saudi Arabia | 267,192             |
| 3  | IR Iran      | 208,600             |
| 4  | Iraq         | 145,019             |

Source: OPEC Annual Statistical Bulletin 2022

Most of Iraq's major known fields - all of which are onshore - are in production or are under development.<sup>7</sup>

#### **Production**

#### Oil production

Iraq is the second-largest crude oil producer within the OPEC with 4 million barrels daily after Saudi Arabia with 9.1 million barrels daily. Crude exports represent around 90% of the government's revenue. Ravaged by decades of conflict, Iraq's crumbling infrastructure and endemic corruption have obstructed reconstruction efforts.<sup>8</sup>

The data provided by the Petroleum Contracts and Licensing Department (PCLD) shows a total oil production of **1,386,426,020 barrels** in 2021 that are detailed as follows:

TABLE 6: OIL PRODUCTION BY OIL FIELD

| Field        | Governorate | Total Production<br>(Barrels) | % of total production |
|--------------|-------------|-------------------------------|-----------------------|
| Rumaila      | Basra       | 503,481,731                   | 36.32%                |
| West Qurna 1 | Basra       | 182,404,555                   | 13.16%                |
| Zubair       | Basra       | 171,760,022                   | 12.39%                |
| West Qurna 2 | Basra       | 146,022,515                   | 10.53%                |
| Halfaya      | Maysan      | 142,213,694                   | 10.26%                |
| Missan       | Maysan      | 80,650,634                    | 5.82%                 |
| Majnoon      | Basra       | 64,240,000                    | 4.63%                 |
| Garraf       | Thi Qar     | 33,221,515                    | 2.40%                 |
| Ahdeb        | Wasit       | 17,956,867                    | 1.30%                 |
| Faihaa       | Basra       | 15,938,661                    | 1.15%                 |
| Badra        | Wasit       | 12,857,981                    | 0.93%                 |
| Siba         | Basra       | 7,272,383                     | 0.52%                 |
| E.Baghdad    | Baghdad     | 6,630,000                     | 0.48%                 |
| Qiyarah      | Nineveh     | 1,775,463                     | 0.13%                 |
| Total Fields |             | 1,386,426,020                 | 100.00%               |

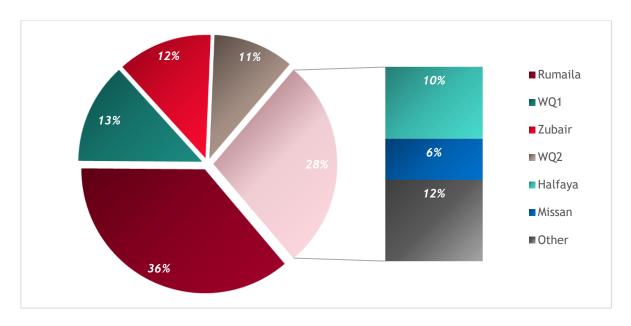
Source: PCLD

As presented above, Rumaila oil field is the major productive field in the country with 36.32% of the overall 2021 oil production.

FIGURE 4: MOST PRODUCTIVE OIL FIELDS IN 2021

<sup>&</sup>lt;sup>7</sup> Energy Intelligence, Crude Profiles and Analytics, Iraq country profile (published July 12, 2022); Fitch Solutions, Iraq Oil and Gas Report, Q3 2022, page 7.

https://www.dailysabah.com/business/energy/iraq-launches-new-oil-refinery-to-reduce-imports



The table below presents the oil production by governorate in 2021:

TABLE 7: OIL PRODUCTION BY GOVERNORATE BETWEEN 2019 AND 2021

| Governorate   | 2021*         | 2020**        | 2019**        |
|---------------|---------------|---------------|---------------|
| Basra         | 1,091,119,867 | 1,000,739,902 | 1,085,482,873 |
| Maysan        | 222,864,328   | 154,553,995   | 228,970,537   |
| Thi Qar       | 33,221,515    | 36,717,559    | 67,805,172    |
| Wasit         | 30,814,847    | 37,914,149    | 52,486,268    |
| Baghdad       | 6,630,000     | 5,733,680     | 4,210,604     |
| Nineveh       | 1,775,463     | 1,640,527     | 8,789,961     |
| Kirkuk***     | -             | 106,206,991   | 117,204,351   |
| Salahuddin*** | -             | 75,649        | 67,652        |
| Diyala***     | -             | -             | 16,194        |
| Total         | 1,386,426,020 | 1,343,582,452 | 1,565,033,612 |

<sup>\*</sup> Source: PCLD

Basra governorate is responsible for providing 79% of the overall production, followed by Maysan governorate (16%).

<sup>\*\*</sup> Source NRTC Report 2019-2020

<sup>\*\*\*</sup> Data not provided for 2021

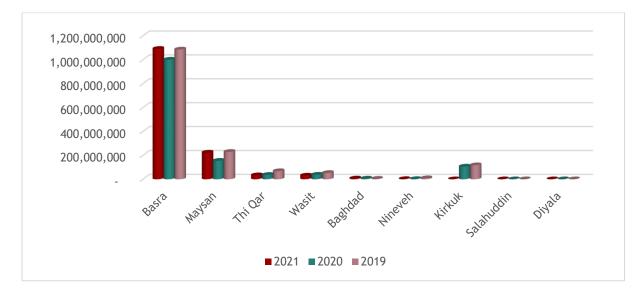


FIGURE 5: OIL PRODUCTION BY GOVERNORATE BETWEEN 2019 AND 2021

The data provided by the PCLD did not include the oil production in the KRG fields.

According to data provided by OPEC, Iraq's crude oil production increased by 1.7 million barrels daily (bbl/d) from 2012 to 2019, and averaged 4.6 bbl/d in 2019, an all-time high over a year. In 2020, Iraq's crude oil output fell to less than 4.0 million bbl/d. Iraq voluntarily reduced its crude oil production in the second quarter of 2020 to comply with the OPEC+ agreement. As OPEC+ members reverse the significant production cuts made in 2020, Iraq's crude oil production rises to an average of nearly 4.0 million bbl/d in 2021.

The graph below shows the evolution of Iraqi crude oil production (billion \$) from 20212 to 2021:

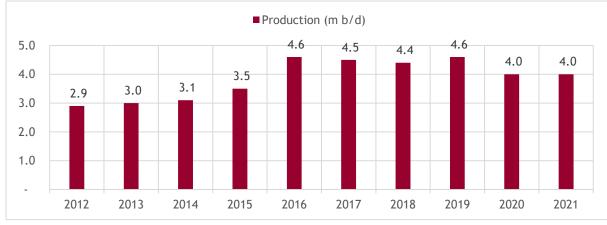


FIGURE 6: PRODUCTION OF CRUDE OIL 2012-2021

Source: OPEC Annual Statistical Bulletin 2022

#### Gas production

According to data provided from OPEC, Iraq produced 9,586 bn  $m^3$  of gas in 2021, compared to 7,374 bn  $m^3$  in 2020, registering thus an increase of 30%. In the other hand, gas reserves remained unchanged at 3,714 bn  $m^3$  in 2021.

The graph below presents the total gas production and reserves for the period from 2012 to 2021:

(in bn standard m<sup>3</sup>) 11,130 11,544 10,416 10,650 12,000 9,586 10,000 7,927 7,685 7,374 7,445 6,675 8,000 6,000 3,820 3,744 3,729 3,714 3,714 3,714 3,158 3,158 3,158 3,158 4,000 2,000 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 ■ Production ■ Reserves

FIGURE 7: GAS PRODUCTION AND RESERVES 2012-2021

Source: OPEC Annual Statistical Bulletin 2022

The PCLD production data show a total gas production in Badra gas field of 1,483,866 BOE during 2021. No other information was provided regarding the production of other gas fields in Iraq.

# **Export**

Crude oil export revenues make up a large part of the Iraqi economy. Iraq's crude oil exports decreased by \$50.4 billion from 2012 to 2016, and averaged \$43.7 billion in 2016, a historic decline driven by lower oil prices. From 2017 to 2019, the crude oil export revenues increased by \$20.3 billion to follow the increases of the average Brent prices.

After falling to \$44.1 billion in 2020 due to COVID-19 pandemic, Iraq's oil export revenues rise to \$79.8 billion in 2021, driven by higher oil prices.

TABLE 8: EVOLUTION OF PRODUCTION AND EXPORT OF PETROLEUM 2012-2021

| Years | Exports<br>(m b/d) | Exports (Billion \$) | Average Brent price (\$)9 |
|-------|--------------------|----------------------|---------------------------|
| 2012  | 2.4                | 94.1                 | 111.6                     |
| 2013  | 2.4                | 89.4                 | 108.6                     |
| 2014  | 2.5                | 84.3                 | 99.0                      |
| 2015  | 3.0                | 49.2                 | 53.0                      |
| 2016  | 3.8                | 43.7                 | 45.1                      |
| 2017  | 3.8                | 59.7                 | 54.7                      |
| 2018  | 3.9                | 84.2                 | 71.3                      |
| 2019  | 4.0                | 80.0                 | 64.3                      |
| 2020  | 3.4                | 44.1                 | 42.0                      |
| 2021  | 3.4                | 79.8                 | 70.9                      |

Source: OPEC Annual Statistical Bulletin 2022

<sup>9</sup> https://www.macrotrends.net/2480/brent-crude-oil-prices-10-year-daily-chart BDO LLP

The graph below shows the evolution of Iraqi crude oil exports (million bbl/day) from 2012 to 2021, as well as the evolution of the average Brent price (\$) during this period:

•Average Brent price (\$) Exports (Billion \$) Export (m b/d) 120.0 108.6 111.6 99.0 94.1 100.0 89.4 84.3 84.2 80.0 79.8 80.0 71.3 59.7 64.3 49 2 53.0 60.0 44.1 45.1 40.0 20.0 3.8 3.8 3.9 4.0 3.4 3.4 2.5 3.0 2.4 2.4

FIGURE 8: EXPORTS OF PETROLEUM 2012-2021

Source: OPEC Annual Statistical Bulletin 2022

2013

2014

2012

Although Iraq is an important exporter of crude oil and one of the most prominent producers in OPEC, it is an importer of petroleum products due to the instability and insecurity that greatly affected the oil refining sector.

2016

2017

2018

2019

2020

2021

The map below shows the current onshore and offshore blocks in Iraq.

2015

Nineveh

Nineveh

Al-Sulaimaniyah

Kirkuk

Diyala

Baghdad

Al-Anbar

Al-Qadisiyah

Mikan

FIGURE 9: MAP OF ONSHORE AND OFFSHORE BLOCKS IN IRAQ

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Al-Muthanna

Al-Basrah

# b. Legal framework

# Current legal framework

Due to the importance of the oil and gas resources for the economy at both national and international levels, Iraq has adopted several laws and regulations organising the sector and determining the rights and obligations.

In this perspective, the Iraqi Constitution of 2005 provides for several aspects in relation to the oil and gas sector as detailed in the table below:

TABLE 9: IRAQI CONSTITUTION PROVISIONS FOR THE OIL & GAS SECTOR

| Article     | Provision   |
|-------------|---|
| Article 25  | The State shall guarantee the reform of the Iraqi economy in accordance with modern economic principles to insure the full investment of its resources, diversification of its sources, and the encouragement and development of the private sector.  |
| Article 26  | The State shall guarantee the encouragement of investment in the various sectors, and this shall be regulated by law.   |
| Article 111 | Oil and gas are owned by all the people of Iraq in all the regions and governorates.  |
| Article 112 | First:  The federal government, with the producing governorates and regional governments, shall undertake the management of oil and gas extracted from present fields, provided that it distributes its revenues in a fair manner in proportion to the population distribution in all parts of the country, specifying an allotment for a specified period for the damaged regions which were unjustly deprived of them by the former regime, and the regions that were damaged afterwards in a way that ensures balanced development in different areas of the country, and this shall be regulated by a law.  Second: |
|             | The federal government and the governments of the producing regions and governorates shall together draw up the necessary strategic policies to develop the oil and gas wealth in a manner that achieves the highest benefit for the Iraqi people, adopting the latest techniques of market principles and encouraging investment.  |

Source: Constitution of the Republic of Iraq of 2005

In addition to the constitution, the oil & gas exploration and production activities in Iraq are governed by the main following legislation:

TABLE 10: OIL & GAS SECTOR LEGAL FRAMEWORK

| Law   | Year | Description   |
|---|------|---|
| Organization of<br>Ministry of Oil Law<br>No. 101 (as<br>amended) | 1976 | According to Article 5 of the Law, the Ministry of Oil (MoO) is responsible for the management of the oil sector, which involves:  i. Exploration, drilling and extraction of oil and gas.  ii. Refining activities and the production of gas.  iii. Transportation and marketing of crude oil and gas and their products. The MoO is also responsible for drafting the initial plans for the various aspects of oil and gas investment activity and supervising their implementation after approval. It is also responsible for supervising the implementation of the sector law and overseeing the implementation of the "Preservation of Hydrocarbon Resources" Law. |
| Income Tax Law<br>No. 113 (as<br>amended)                         | 1982 | Provides for the applicable Corporate Income Tax (CIT) rate for oil and gas companies   |

| Law   | Year | Description  |
|---|------|--|
| Mineral Investment<br>Law No. 91  | 1988 | Under this law, GEOSURV (previously named the 'Iraqi Geological Survey and Mining Company') should: i. supervise the enforcement of the Law. ii. monitor the investment in quarries and mines across the country. iii. compile and classify the information pertaining to those activities for the purposes of promoting. iv. guide and direct investments to guarantee the maintenance of mineral wealth and protecting the environment. According to Article 4 of the Law, the Minister of Industry and Minerals, or his nominee may allocate certain areas of land to private and mixed sector companies for investment in quarries to execute their own projects, either with or without compensation, for a limited period and according to specific conditions including the handling of by-products   |
| Public Companies<br>Law No. 22 (as<br>amended)                                | 1997 | This law is applicable to the State-owned enterprises (SOEs) in federal Iraq (including those operating in the mining, oil and gas sectors) that are defined under Article 1 of the law as "a self-funded economic unit which is fully owned by the state, has a legal personality, is financially and economically independent, and operates according to economic bases".  |
| Investment Law No.<br>13  | 2006 | This Law aims to encourage Iraqi and foreign private sector investment in Iraq in order to contribute to the economic and social development of the country, expand and diversify its production and service base, and create work opportunities for Iraqi citizens.  Article 12 of the Law No. 13 of 2006 provides for the priority in recruitment and employment to be given to Iraqi workers. In addition, investors have the right to employ and use non-Iraqi workers only when it is not possible to employ an Iraqi with the required qualifications and capabilities.  |
| Crude Oil Refining<br>Investment Law No.<br>64 of 2007, as<br>amended in 2016 | 2007 | The law aims to encourage the private sector participation in the economic development process in the country and the contribution towards the development of Iraq's industrial base by participating in crude oil refining activities. In fact, the Refining Law offers the following incentives:  i. The MoO is obligated to supply crude oil to the refining company at a price equal to the international FOB export price for Iraqi crude less a discount of 5%; provided that the discount will not be less than USD 4 per barrel or more than USD 8 per barrel.  ii. The investing company is entitled to determine the prices of its oil products and sell them inside Iraq or export them to foreign markets according to the applicable regulations in the free zones.  iii. The investing company may utilize public facilities (such as terminals, export ports and pipelines) in accordance with a contract to be signed between it and the Ministry of Oil and the relevant ministries.                |
| Law No. 27 on the Protection and Improvement of the Environment               | 2009 | <ul> <li>The law deals with matters relating to the environment-related matters within mining and Oil &amp; Gas exploration activities. Article 21 of the Law provides for the requirements to be accomplished by the entities in relation to their exploration and extraction activities in the oil and gas sector: <ul> <li>take necessary measures to limit the dangers and risks resulting from petroleum operations.</li> <li>take necessary measures to protect earth, air, water and underground reservoirs from pollution and destruction.</li> <li>take necessary precautions to dispose of produced salt water through safe environmental methods.</li> <li>prevent spills of oil and refrain from injecting oil into subsurface areas that are used for human and agricultural purposes.</li> <li>provide the Ministry of Environment with information about the causes of any fires, explosions, breakdowns, accidents and leakage of crude oil and gas from wells and pipelines.</li> </ul> </li> </ul> |

| Law   | Year | Description  |
|---|------|--|
| The Law of Income<br>Taxation on Foreign<br>Oil Companies<br>Working in Iraq No.<br>19 of 2010 and its<br>accompanying<br>instructions; | 2013 | This Law was enacted for the purpose of supporting the national economy, the income generated in Iraq by foreign oil companies and their subcontractors in the field of oil and gas production and extraction is subject to income tax. It therefore imposes the income generated in Iraq for contracts concluded with foreign oil companies contracting to work in Iraq, or their branches or offices, and their subcontractors in the field of oil and gas production and extraction and related industries to CIT at a rate of 35%. |
| Iraqi National Oil<br>Company Law No. 4   | 2018 | This law provides for the establishment of the Iraqi National Oil Company (INOC) and fixes its mission as well as the composition of its governing bodies and the SOEs within its scope of activities.   |

Other laws and regulations in relation to the Oil & Gas sector were also enacted such as:

- Oil Production Fees Law No. 9 (as amended) 1939.
- Law regulating the work of the Ministry of Oil No. 101 1967.
- Allocation of Investment Areas for the Iraqi National Oil Company Law No. 97 1967.
- Law No. 84 for preservation and protection of Hydrocarbon Endowment 1985.
- Government Contracts Law No. 87, and its Instructions No. 2 of 2014 (as amended) and its annexes 2004.
- Oil Products Import and Sale Law No. 9 2006.
- Oil Products Anti-Smuggling Law No. 41 2008.
- Law No. 37 on Documents Preservation 2016.
- Law of the General Authority for Oil, Gas and Petrochemicals for the Kurdistan Region of Iraq No. 38 2004.
- Oil and Gas Law of the Kurdistan Region No. 22 2007.
- Ministry of Natural Resources Law No. 21 of 2008, which provides for the formation of the Ministry of Natural Resources in the Iraqi Kurdistan region and the tasks and powers of the ministry.

The list of the major laws and regulations in relation to the oil and gas sector is available on the NRTC website with the latest update in 2018. <sup>10</sup> In addition, the Iraqi Legislation Base, an online repository portal launched in 2016, includes the full text of the different forms of laws and regulations that were enacted since 1918. It also allows an advanced search by date, kind, number, status and title. <sup>11</sup>

## Legal framework reforms

According to different media sources, a project of a draft Oil and Gas Law is underway and might be achieved by December 2023. These sources confirmed that the new law "proposes an equitable distribution of profits from oil exports among Iraq's governorates, based on their gross domestic product (GDP). This approach is designed to ensure a fair and equal distribution of the country's oil wealth across its various regions. Moreover, this law would empower each governorate to independently grant oil concessions and sign contracts for exploration and production."<sup>12</sup>

This legal reform was not confirmed by Government authorities in Iraq.

<sup>&</sup>lt;sup>10</sup> <4D6963726F736F667420576F7264202D20C7E1CFD3CAE6D120C7E1DAD1C7DEED20D1DEE32032> (ieiti.org.iq)

https://iraqld.e-sjc-services.iq/main\_ld.aspx

<sup>&</sup>lt;sup>12</sup> Iraq's Oil and Gas Law: A Potential Turning Point for International Corporations (bnn.network)

#### c. Institutional framework

# Institutional framework in Federal Iraq

The table below presents the main Iraqi government agencies involved in the oil and gas sector:

TABLE 11: INSTITUTIONAL FRAMEWORK IN THE OIL & GAS SECTOR

| Institution   | Description  |  |  |
|---|--|--|--|
| Ministry of Oil<br>(MoO) <sup>13</sup>                                  | The MoO is the major Government authority responsible for the management of the oil sector, in particular: - Exploration, drilling and extraction of oil and gas; - Refining activities and the production of gas; - Transportation and marketing of crude oil and gas and their products.   |  |  |
| Oil Marketing<br>Company (SOMO) <sup>14</sup>                           | SOMO is an SOE founded in 1998 and is considered as the sole entity that is legally authorized to market Iraqi crude oil and gas to local and global markets along with marketing the surplus oil products to global markets and importing oil products that are necessary to overcome local shortages.  SOMO aims to support the national economy in the oil sector through marketing crude oil, oil products and gas to ensure maximizing the country's financial and economic resources.  The company's policy is restricted to deal with companies that own refineries in order to achieve the fair value of Iraqi crude oil sales. In this perspective, the company enters into standard unified contracts for the sale at the available quantities of crude oil dedicated for export |  |  |
| Petroleum Contracts<br>and Licenses<br>Directorate (PCLD) <sup>15</sup> | The PCLD was created in 2007 as one of the structures of the MoO and is mandated with:  - Planning, coordination and follow-up of the stages of oil licensing and contracts - Managing licensing cycles, bidding or tendering sessions, and carrying out negotiations with oil companies in order to enter into contracts for exploration, development and production licenses according to the powers assigned to the Ministry - Follow up on the implementation of contracts concluded in coordination with the competent bodies and other ministry departments  |  |  |
| General Commission<br>of Taxes (GCT) <sup>16</sup>                      | Founded in 1982 by the merger of the General Income Directorate with the General Imports Directorate, the GCT is the Government authority responsible for collecting tax payments by companies and individuals, and aims to:  Generating revenues that contribute to financing the state budget;  Commitment to the best application of tax laws in collecting the amounts generated;  Finding new sources of income;  Expanding the tax base to reduce tax evasion;  Achieving economic balance in light of applying the principle of tax justice for all taxpayers and achieving equality in tax assignments;  Deepening the culture of voluntary commitment for taxpayers;  Developing all capabilities and advanced work methods to serve citizens.                                    |  |  |

It is to be noted that the Law No. 4 of 2018 provided for the establishment of the Iraqi National Oil Company (INOC). The law stated its mission as well as the composition of its governing bodies and the SOEs within its scope of activities.

#### INOC is mandated with:

 Managing, developing and operating productive fields and discovered and undeveloped fields;

<sup>&</sup>lt;sup>13</sup> Organization of Ministry of Oil Law No. 101 (as amended)

<sup>14</sup> SOMO Oil

<sup>&</sup>lt;sup>15</sup> doc-1190-2021 01 31 08 32 04.pdf

<sup>(</sup>mof.gov.iq) للضرائب العامة الهيئة - الهيئة نشوء تاريخ 16

- Concluding exploration, production and export contracts in accordance with state policy and the Constitution;
- Managing the service contracts concluded in licensing rounds in exploration, development and production;
- Managing and operating the main oil pipeline network and export ports;
- Establishing and financing owned companies to carry out their work based on economic, financial and societal feasibility and with the approval of the Council of Ministers.

However, the Federal Supreme Court issued a ruling on 21 September 2022 ordering the cancelation of the Government decision relating to the establishment and leadership of the INOC, claiming that such decision is invalid according to media sources.<sup>17</sup>

# d. Tax regime

# Oil and Gas tax regime

The tax regime for the oil and gas sector is set by:

- The Income Tax Law No. 113 of 1982 (as amended);
- The Taxation Instructions No. 5 of 2011 (as amended); and
- The MoO's model TSC.

The table below shows the main revenue streams payable by oil and gas companies.

TABLE 12: TAXES PAYABLE BY OIL AND GAS COMPANIES

| Taxes  | Description   | Rate   | Reference   |
|--|---|--|---|
| Corporate Income<br>Tax  | Taxes are assessed as a percentage of the net profit as reported in the audited IUAS financial statements, adjusted for any non-deductible expenses and tax-exempt income. In addition, taxable losses should be available to offset against future taxable income up to 50% of the year's taxable income for five consecutive years. | 35% on the Contractor's taxable income.  | Article 13 § 3<br>of the Income<br>Tax Law<br>(1982)                      |
| Withholding tax  | Subcontractors to whom the Oil & Gas Tax Law applies should be subject to withholding tax on their contract payments to be remitted to tax authorities within 30 days of making the payment.  | 7% of contract's gross amount.   | Article 4<br>(Second) of<br>Instructions<br>No. 5 of 2011<br>(as amended) |
| Signature bonus  | A pro-rated Participating Interest share of a signature bonus.  | A non-defined amount to be paid within 30 days of the Effective Date as signature bonus, to be amortized and recovered over a period of 20 quarters starting from the 9 <sup>th</sup> quarter. | Articles 4 and<br>19.2 of the<br>MoO Model<br>TSC                         |
| Contribution to the<br>Training,<br>Technology and<br>Scholarship Fund | Contractor shall allocate during the Term an annual amount to the Training, Technology and Scholarship Fund. The Fund payment shall not be recoverable as Petroleum Costs.  | - TSC: minimum of US\$ 5,000,000<br>- DPSC and EDPSC: minimum of<br>US\$ 1,000,000   | Article 26.3 of<br>Model TSC,<br>Model DPSC<br>and Model<br>EDPSC         |

<sup>&</sup>lt;sup>17</sup> <u>Iraq's highest court strikes down INOC - Iraq Oil Report</u>

According to the MoO's Model TSC, the basis for the computation of the CIT is the remuneration fees rather than the taxable income:

"23.3: Contractor under this Contract shall be corporate income tax at a rate not to exceed 35% levied on the Remuneration Fee calculated in accordance with Article 19.5. SOC shall secure that the provisions of the relevant Law are consistent with this understanding and afford Contractor such treatment under the Contract and the Law.

23.4 In the event Contractor is subject to any demand to pay other taxes (other than corporate income tax in accordance with Article 23.3) SOC shall bear and pay on behalf of Contractor all such other taxes and shall indemnify and hold Contractor harmless against any and all liabilities relating to the payment of such other taxes."

## e. Types of licenses

The main licenses are granted under the form of service contracts as presented below:

#### **Service contracts**

Opted for by the federal Government and are characterized by the retention of the ownership of oil wealth and control of all oil operations by the Government. Under these service contracts, the company behaves as a "Contractor" for the national oil company, which varies by field/exploration block. The national oil company is referred to as a Regional Oil Company (ROC) in the service contracts and is contractually defined as an Iraqi state oil and gas company, exclusively entrusted with and authorized for exploration, appraisal, development and production of the contract area, in accordance with the Law. In addition, the Iraqi Government has the right to acquire a share of the consortium's/company's total participating interest in the oil and gas license, through a state-owed entity referred to as the state partner.<sup>18</sup>

The table below presents the different service contracts operated by the Federal Government:

TABLE 13: OIL AND GAS SERVICE CONTRACTS

| Туре   | Duration  | Rights conferred   |
|--|---|--|
| Technical Services<br>Contract (TSC) <sup>19</sup> | 20 years, renewable to no<br>more than five additional<br>years | The IOC carries out Petroleum Operations to rehabilitate, to further appraise, and to re-develop the Field for improved production and to carry out enhanced recovery of Petroleum from the Field in order to achieve the production targets:  - the Improved Production Target being a Net Production Rate of 10% above the Initial Production Rate, to be achieved as soon as possible after the approval date of the Rehabilitation Plan  - the Plateau Production Target at the Net Production Rate of a predetermined number of Barrels of Crude Oil and NGL per day for the Plateau Production Period. |

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<sup>&</sup>lt;sup>18</sup> NRTC Report 2017

<sup>19</sup> PFTSC -First Round.doc (eiti.org)

| Туре  | Duration  | Rights conferred   |
|---|---|--|
| Development and<br>Production Service<br>Contract (DPSC) <sup>20</sup>                  | 20 years, renewable to no<br>more than five additional<br>years   | The IOC conducts Petroleum Operations with the intention to achieve an optimal development of the Petroleum resources within the Contract Area in a way that a plateau production target at a predetermined net production rate should be reached.                             |
| Exploration,<br>Development and<br>Production Service<br>Contract (EDPSC) <sup>21</sup> | A total non-expandable period of:  Oil fields: 30 years Gas fields: 40 years Exploration period should be years with a possibility of extension with two years. | The IOC carries out Petroleum Operations, for and on behalf of ROC, to explore for, study, appraise, develop and produce any Commercial Discovery within the Contract Area. Costs incurred will be recovered in addition to a predetermined remuneration for services offered. |

Service contracts are characterised by the recovery of costs incurred by the IOC which is paid a fixed fee called a remuneration fee in application of Article 19 of the model service contracts developed by the MoO.

#### Recoverable costs

Expenses incurred by the IOC in conducting petroleum operations include petroleum costs and supplementary costs, which are generally recoverable.

- <u>Petroleum costs:</u> include recoverable costs and expenditures incurred and payments made by the companies in connection with or in relation to the conduct of petroleum operations.
- Supplementary costs: include recoverable costs and expenditures other than petroleum costs. These costs specifically include de-mining costs, financing and building of transportation facilities beyond the transfer point of petroleum production from the contract area, specific works or building of facilities (at the request of the regional oil company) and remediation costs.

#### Remuneration fees

The remuneration fee is the amount paid to the IOC for the services rendered under the contract and is paid quarterly under the form of a remuneration fee per Barrel of Crude Oil calculated based on the **R**-factor calculated at the end of the previous year.

The mechanism for calculating cost recovery and remuneration fees applied by the PCLD is summarised as follows:

- A detailed statement of account, listing all petroleum costs and production data is prepared by the contractors (IOCs) and sent to the respective national extractive companies (NOCs) for audit and review.
- A meeting is then conducted at the national oil company sites, which is attended by the representatives of various committees and departments (including Finance Committee, Operational Committees, License Affairs Department, Internal Control and Contract Audit

<sup>&</sup>lt;sup>20</sup> Development-Production-Service-Contract.pdf (iraqoilforum.com)

<sup>&</sup>lt;sup>21</sup> Model Contract - 4BR-English.docx (eiti.org)

Department), along with the contractors' representatives to discuss the petroleum costs, supplementary costs and remuneration fees listed in the statements of account.

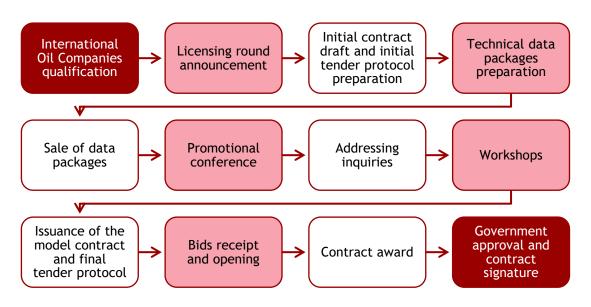
- The related meeting observations are documented and are sent in an official letter to a
  ministerial committee to review the contractors' statements of account. Subsequently,
  a meeting is held by the committee at the MoO site, in the presence of all representatives
  of the different committees and IOCs mentioned above, to discuss the observations.
- The calculation of contractors' receivables (cost recovery and remuneration fees) is prepared by the PCLD (Commercial Department), in accordance with the terms of the respective service contracts. The process involves setting percentages for petroleum costs in accordance with a maximum recovery limit after calculating the estimate revenues based on the preliminary oil-selling price announced by SOMO. In addition, remuneration fees are calculated in accordance with the contract terms for each field.
- The minutes of meeting are documented and after the obtaining the Minister's approval on the minutes, the minutes are sent in an official letter to SOMO. SOMO accordingly settles the quarterly financial obligations (cost recovery and remuneration fees) to the IOCs (contractors) in the form of crude oil (liftings), in shipments determined by SOMO (which could take up to several months).<sup>22</sup>

## f. License allocation

#### **Awarding process**

The figure below shows the main steps in the award process of oil and gas contracts:

FIGURE 10: CONTRACT AWARD PROCESS



#### Technical and financial criteria

The granting licenses process initiated by the PCLD is launched by the IOC qualification to participate in the licensing round. This step consists of reviewing documents submitted by

<sup>&</sup>lt;sup>22</sup> Source: PCLD.

IOCs and their evaluation based on the following criteria: legal, technical and training, financial, health and environmental standards.

The table below contains the qualification requirements for each criterion:

TABLE 14: IOCS QUALIFICATION REQUIREMENTS

| Criteria                  | QUALIFICATION REQUIREMENTS  Requirements  |
|---------------------------|---|
| Legal                     | The following documents/statements are required from each applicant company: - Full company name, type, and address of headquarters Articles of Association Confirmation from the Registrar of Companies that the company is still operating and has not been liquidated, dissolved or bankrupt The coalition contract, where applicable, and the ownership of each coalition partner A tax clearance certificate issued by the countries in which the company operates Record of previous projects including stalled projects (completed and incomplete) with a description of these projects A list of all lawsuits in which the Company has been a party (whether as a defendant or plaintiff) and arbitrations, and the results of such lawsuits and arbitrations Original company documents authenticated by the relevant authorities.                                     |
| Technical & training      | <ul> <li>The number of exploration and development projects managed by the company as an operator or non-operator.</li> <li>Whether the company has an exploration or development project or projects in offshore areas (as an operator or as a non-operator).</li> <li>Total production managed by the company.</li> <li>The quantity of the company's equivalent oil reserve.</li> <li>Qualitative assessment of the company's experience with technical challenges matters.</li> <li>The level of investment in applied extractive research activities.</li> <li>Number of certificates of appreciation in the field of work or patents.</li> <li>Courses held by the company for its members and courses organized by the company for the host country under exploration and development contracts.</li> <li>If the company has an institute or training centre.</li> </ul> |
| Financial                 | <ul> <li>-The annual report including the comprehensive financial statements certified and audited by an independent chartered accountant for the previous three years.</li> <li>- The financial level determined by the specialized experts and consulting firms and according to the international classification expert and consulting firms for long-term debt.</li> <li>- Amounts invested in petroleum exploration and development operations.</li> <li>- Total assets of the company.</li> <li>- Net income and trading ratio.</li> <li>- The earnings per ordinary shares achieved.</li> </ul>  |
| Health &<br>Environmental | <ul> <li>Occupational health, safety, and environmental protection policy documents.</li> <li>Documents for the applicable international standards ISO (ISO 14001 - 18001).</li> <li>Documents explaining the company's approved emergency plans and the mechanism for their implementation.</li> <li>Waste management policy document.</li> <li>Documents on occupational health and safety applied by the company and its implementation procedures.</li> <li>Documents explaining the company's approved emergency plans and the mechanism for their implementation.</li> <li>Number of fatal human accidents resulting from work.</li> <li>The number of environmental pollution incidents that affect and pollute the air, soil and water.</li> </ul>  |

Source. PCLD

The PCLD has the right to exclude the non-compliant companies that are unable to pass the qualification criteria because their technical competence and financial suitability are not commensurate with the size and nature of the fields included in the licensing round since the qualification stage, and therefore they are not allowed to participate in the licensing round tender.

The same criteria as described above are used when transferring ownership interests in oil and gas licenses between IOCs.

According to the PCLD, the various milestones used in evaluating the above-mentioned criteria are not published, as they are considered confidential information.

# **Licensing rounds**

To date, licenses were approved for the five licensing rounds that were launched between 2008 and 2018. In addition, the MoO announced an offering of 30 projects throughout Iraq to qualified companies in 2023 and these will be offered in two distinct offerings:

- the Fifth (+) Round Offering and
- the Sixth Round Offering.

Below are the details of each licensing round as provided by the PCLD:

#### First Licensing Round (Producing Oil Fields)

The first petroleum-licensing round was announced by the MoO on 30 June 2008, under which IOCs were invited to bid to develop six oil fields (1 - Rumaila, 2 - Zubair, 3 - West Qurna (first stage), 4 - Missan fields, 5 - Kirkuk, and 6 - Bai Hassan) and two gas fields (1 - Akkas and 2 - Mansuriya). These companies paid the purchase fees for technical service contracts to allow them to participate in bidding. On 30 June 2009, licenses were granted to work in four oil fields (Rumaila, West Qurna (first stage), Zubair and Missan fields).

According to the PCLD, the formula used to select the winning bidder was as follows:

The Initial Production Rate (IPR) is the baseline production capacity of the field before awarding the field to the company or consortium, which is defined by the MoO. The maximum Remuneration Fee is set in advance by the MoO, as the consortium that achieves the highest bidding points is invited to reach the maximum Remuneration Fee set by the Ministry. In the event of a refusal, the consortium with the second highest score is then invited to do the same. In case of rejection, the field is not granted to any company.

## Second Licensing Round (Non-producing Oil Fields)

The tender for the second round of licenses was announced by the Iraqi Government between 11 and 12 December 2009, and included 10 major oil fields, which resulted in the referral of seven fields (1 - Halfaya, 2- Majnoon, 3 - Qaiyarah, 4 - Badra, 5 - Garraf, 6 - Najmah and 7 - West Qurna 2), with three fields not awarded (1 - East Baghdad, 2 - the Eastern Fields and 3 - Middle Furat).

According to the PCLD, the formula used to select the winning bidder was as follows:

Total points = Remuneration Fee Bid (RFB) + Plateau Production Target (PPT)

Total RFB = 80\* (Lower RFB/Bidder RFB)

## PPT bid score = 20\* (Bidder PPT/ Highest PPT bid)

Out of the 40 companies, only nine applicants were retained in the pre-qualification phase of the second bidding round.

#### Third Licensing Round (Gas Field)

Three gas fields were offered and awarded as part of the third licensing round (1 - Akkas, 2 - Siba, and 3 - Mansuriya). According to the PCLD license register, only 21 out of 54 participating companies were retained in the qualification phase of the third bidding round.

According to the PCLD, the formula used to select the winning bidder in this round was as follows:

Bid score = RFB bid score + PPT bid score

RFB bid score = 90\* (Lowest RFB/Bidder RFB)

PPT bid score = 10\* (Bidder PPT/Highest PPT bid)

## Fourth Licensing Round (Exploration Blocks)

In May 2012, the MoO launched the fourth licensing round, which included 12 exploration blocks throughout the country. The licenses had the purpose of increasing the volume of oil and gas reserves in new areas that were not previously explored and did not have specific levels of hydrocarbons. Accordingly, the only criterion for registering the companies that submitted their bids was Remuneration Fee Bid (RFB) for each barrel of oil, which is the same for all discovered development areas within each exploration contract, as the lower the bid for Remuneration Fee for each barrel of oil, the bidder scored higher points. Only four exploratory blocks were contracted, as no bids were received for the other blocks and bids were not approved by the Iraqi side.

#### Fifth Licensing Round (Border Fields)

The fifth round of licenses was announced in mid-2017, where 11 fields and boundaries of exploratory blocks were displayed, and the total number of companies eligible to compete for those fields and blocks was 26 companies. The profit-sharing agreements were introduced during that round for the first time compared to the previous licensing rounds where only service contracts were awarded. The implementation of this round began on 26 April 2018, where six (6) licenses were granted out of 11 licenses, as shown below:

TABLE 15: FIFTH LICENSING ROUND AWARDS

| Туре        | Field                | Governorate      | Winner                          |
|-------------|----------------------|------------------|---------------------------------|
| Development | Gilabat-Qumar        | Diyala           | Crescent Petroleum - UAE        |
| Development | Khashim Ahmer-Injana | Diyala           | Crescent Petroleum - UAE        |
| Development | Khudher Al-Mai       | Basra & Muthanna | Crescent Petroleum - UAE        |
| Development | Huwaiza              | Missan           | Geo Jade Petroleum - China      |
| Exploration | Nafta Khana          | Diyala           | Geo Jade Petroleum - China      |
| Exploration | Sindbad              | Basra            | United Energy Group - Hong Kong |
| Exploration | Zurbatiya            | Wasit & Diyala   | Not awarded                     |
| Exploration | Shihabi              | Missan           | Not awarded                     |
| Exploration | Fao                  | Basra            | Not awarded                     |
| Exploration | Jebel Sanam          | Basra            | Not awarded                     |

| Ex | ploration | Offshore Golf Block | Not awarded |
|----|-----------|---------------------|-------------|
|----|-----------|---------------------|-------------|

The two criteria used to calculate the total points for the companies participating in the tender were:

<u>Maximum Remuneration Percentage Bid (MRPB):</u> The maximum remuneration percentage that can be granted to a company, which was determined by the MoO.

<u>Remuneration Percentage Bid (RPB):</u> the remuneration percentage offered by the company where, the bidding companies' RPB should be equal to or lower than the MRPB.

Despite the issuance of Cabinet Resolution No. (21) for the year 2020, which includes the approval of Recommendation No. (4) of the Ministerial Council of Energy Resolution (8 for the year 2020) regarding the approval of contracts for the field tour and border blocks (the fifth round), the Ministry of Oil has decided to postpone the activation of the approval of the Council of Ministers on these contracts due to the nature of supply and demand for crude oil and the commitment to the production quotas imposed by OPEC + to meet the decline in its prices, which may not give an encouraging picture to increase production capacities at the present time. Not before 21 February 2023 that the MoO signed the aforementioned contracts after having been approved by the Council of Ministers during the same month.<sup>23</sup>

#### Fifth (+) and Sixth Licensing Rounds

In May and June 2023, the MoO announced an offering of 30 projects throughout the country to qualified companies. The majority of the areas are offered under long term (30-34 years) profit-sharing based EDPSC, except two areas that are offered under 20-25-year DPSC. The projects will be offered in two distinct offerings: the Fifth (+) Round Offering and the Sixth Round Offering. The Initial Tender Protocol published by the PCLD defines the rules which must be followed by all companies interested in participating in the tender process for the offered projects and will be replaced by a Final Tender Protocol to be published by March 2024.

The table below presents the contract areas for each licensing round:

TABLE 16: FIFTH (+) AND SIXTH LICENSING ROUND CONTRACT AREAS

| Licensing round | Form of<br>Contract | Area Name    | Approximate<br>Area | Province         | Wells |
|-----------------|---------------------|--------------|---------------------|------------------|-------|
| Fifth (+)       | EDPC                | Zurbatiya    | 519                 | Wasit            | 0     |
| Fifth (+)       | EDPC                | Shihabi      | 1428                | Wasit/Maysan     | 0     |
| Fifth (+)       | EDPC                | FAO          | 1398                | Basra            | 1     |
| Fifth (+)       | EDPC                | Jabal Sanam  | 235                 | Basra            | 1     |
| Fifth (+)       | EDPC                | Arabian Gulf | 554                 | Offshore         | 0     |
| Fifth (+)       | EDPC                | Ad Daimah    | 451                 | Maysan           | 1     |
| Fifth (+)       | EDPC                | Qalat Salah  | 318                 | Maysan           | 1     |
| Fifth (+)       | EDPC                | Sasan        | 197                 | Nineveh          | 2     |
| Fifth (+)       | EDPC                | Alan         | 162                 | Nineveh          | 2     |
| Fifth (+)       | EDPC                | Pulkhana     | 412                 | Salah Al Den     | 8     |
| Fifth (+)       | DPC                 | Middle Furat | 1073                | Al Najaf/Karbala | 6     |

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<sup>&</sup>lt;sup>23</sup> <u>Iraq to Offer a Sixth Energy Licensing Round | Iraq Business News (iraq-businessnews.com)</u>
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| Licensing round | Form of<br>Contract | Area Name                                | Approximate<br>Area | Province  | Wells |
|-----------------|---------------------|--|---------------------|---|-------|
| Fifth (+)       | DPC                 | Northern<br>Extension of East<br>Baghdad | 231                 | Baghdad/Salah Al Den                              | 7     |
| Fifth (+)       | EDPC                | Dhufriyah                                | 369                 | Wasit   | 2     |
| Fifth (+)       | EDPC                | Abu Khema                                | 1810                | Al Muthanna                                       | 1     |
| Fifth (+)       | EDPC                | Block 11                                 | 8000                | Al Najaf/Al Muthanna                              | 1     |
| Fifth (+)       | EDPC                | Block 7                                  | 6000                | Al Najaf/ Al Muthanna/ Wasit/<br>Babylon/ Diwanya | 0     |
| Sixth           | EDPC                | Tel Hajar                                | 7300                | Nineveh   | 3     |
| Sixth           | EDPC                | Khliesiea                                | 7300                | Nineveh/Al Anbar                                  | 1     |
| Sixth           | EDPC                | Anah                                     | 7100                | Al Anbar  | 2     |
| Sixth           | EDPC                | Anbar                                    | 8500                | Al Anbar  | 0     |
| Sixth           | EDPC                | Anz                                      | 8521                | Al Anbar  | 0     |
| Sixth           | EDPC                | Okashat                                  | 6665                | Al Anbar  | 0     |
| Sixth           | EDPC                | North Rutba                              | 6500                | Al Anbar  | 0     |
| Sixth           | EDPC                | South Rutba                              | 7907                | Al Anbar  | 0     |
| Sixth           | EDPC                | Tobal                                    | 9001                | Al Anbar  | 0     |
| Sixth           | EDPC                | Waleed                                   | 8300                | Al Anbar  | 0     |
| Sixth           | EDPC                | Qurnain                                  | 8500                | Najaf   | 0     |
| Sixth           | EDPC                | Addan                                    | 4400                | Al Muthanna                                       | 0     |
| Sixth           | EDPC                | Shaiban                                  | 2100                | Al Muthanna                                       | 0     |
| Sixth           | EDPC                | Sumer                                    | 1700                | Al Muthanna                                       | 0     |

Source: PCLD

The terms and conditions of the licensing rounds are detailed as follows:

TABLE 17: TERMS AND CONDITIONS OF LICENSING ROUNDS

#### N° Terms & conditions

- 1 All oil and gas in-place and produced belongs to the people of Iraq.
- 2 The Contractor funds all exploration, appraisal, development and production activities.
- The Contractor is entitled to recover Petroleum Costs and to receive Remuneration from any resulting developments.
- For certain costs categorized as Supplementary Costs, the Contractor is entitled to recover such costs at an accelerated rate and with interest.
- Petroleum Costs, Supplementary Costs and Remuneration will be paid in export oil unless Iraq elects to pay in cash. Any cash election shall be made in advance of the calendar year for which cash payments have been elected and such cash election shall apply for the entire year.
- 6 The terms of the Contracts vary according to the level of exploration maturity.
- 7 The EDPC provides for an Exploration Period from 5 to 9 years and a Development Periods of 25 years.
- 8 The DPC has a Development Period of 20 years with the potential for a single 5-year extension.
- 9 Bonus payments are required in the Contracts.
- 10 The EDPC will require a signature bonus and a further bonus upon the Declaration of Commerciality.
- The DPC will require a signature bonus and a further bonus following the achievement of the First Commercial Production Date.
- 12 Bonus payments are not cost recoverable or tax deductible.
- Petroleum Costs, Supplementary Costs and Remuneration Fees are payable once a sustained level of production has been achieved, which is referred to as the 'First Commercial Production Date'.
- 14 Royalty of 15% is payable from Deemed Revenues.

#### N° Terms & conditions

- 15 Petroleum Costs are payable from the Net Deemed Revenue (Deemed Revenue less Royalty)
- 16 Supplementary Costs are payable from Net Deemed Revenue less Petroleum Costs and Remuneration.
- Remuneration is payable as a (bid) percentage of the Remaining Net Deemed Revenue (Deemed Revenue less Royalty less Petroleum Costs paid).
- 18 Contractor profits (Remuneration) will be subject to Corporate Income Tax in Iraq.
- Minimum Work and Expenditure Obligations will vary by Contract Area depending upon the expected minimum requirements for the Contract Area.
- Contractors will have obligations with respect to the provision of training and technology transfer as well as employment of local personnel and the procurement of local goods and services.
- Contractors will contribute to an Infrastructure Fund and these contributions will be considered as Petroleum Costs.
- The Contracts will be in both the Arabic and English languages, in the event of a conflict, the English language version shall prevail.
- Provisions for resolution of disputes between the parties to the Contracts include potential recourse to independent expert as well as to international arbitration (International Chamber of Commerce rules, seat in Paris or mutually agreed alternate venue, English language).
- Activities in the Contract Areas will be subject to Iraqi law and the applicable regulations of the

  Ministry of Oil and must comply with the "best practices" of the international petroleum industry,
  particularly with regard to health and safety of human resources, public safety, and preservation of the
  environment and general business ethics.

According to the PCLD, the sole bidding parameter will be the Remuneration Percentage Bid.

The MoO will accept the bid with the lowest Remuneration Percentage Bid for the Contract Area provided that its RPB does not exceed a Maximum Remuneration Percentage Bid ("MRPB") pre-defined by the Ministry. The MRPB for Contract Areas will not be advised to bidders in advance.<sup>24</sup>

## Contracts outside the licensing rounds

#### Ahdeb field contract

The contract for the development and production of the field was signed on 4 June 1997 and approved through Law No. 21 of 1997 by the Revolution Command Council at that time. According to the annual report of the Ahdeb Field submitted by Al-Waha Petroleum Company Ltd, the contract for the development and production of the Ahdeb Field was suspended on 1 January 2000 due to the non-application of the development and production contract. On 23 June 2007, the Iraqi and Chinese governments signed a memorandum of understanding expressing the intention to reactivate the development and production contract.

The Iraqi Council of Ministers held in August 2008 approved the signing of a PDSC for the Ahdeb Field between the North Oil Company, the Al-Waha Petroleum Company Ltd and the Oil Marketing Company. On 10 November 2008, a development and production service contract was signed between Al-Waha Petroleum Company Ltd, the Oil Marketing Company (a government partner) and the North Oil Company (the license holder). On 30 June 2010,

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<sup>&</sup>lt;sup>24</sup> Initial Tender Protocol - Iraq Petroleum Licensing Rounds (iraq-pcld.com)

the North Oil Company was changed to Middle Oil Company, an Iraqi oil company, incorporated and operating under the laws of the Republic of Iraq.

On April 25, 2011, the Iraqi parliament passed Law No. 3 of 2011, in which Revolutionary Command Council Law No. 21 of 1997 related to the ratification of the contract for the development and production of the Ahdeb oil field was officially repealed.

#### East Baghdad field contract

A contract was signed in 2018 with Zehenhua to develop the East Baghdad field - the southern part and it was signed through direct negotiation. According to the PCLD, the East Baghdad field - the southern part had already been offered within the fields of the second round of licenses in 2009, in the absence of any other competitive offer from the eligible companies participating in that round at the time, and later the Japanese company (JABEX) submitted to the Ministry of Oil an offer to develop the field based on a study prepared by that company, and the offer was rejected at first due to the high development cost, which prompted (JABEX) to participate in the Chinese company (Zehenhua) in order to reduce the development costs. Subsequently, JABEX withdrew from the project while negotiations continued with the Chinese company Zhenhua, which culminated in the initialling of the contract on 25 December 2017, and entered into force on 24 May 2018.

#### Oil & Gas licences awarded in 2021

## Gas Growth Integrated Project - TotalEnergies

According to a press release from TotalEnergies, the Iraqi Government and the French company signed in September 2021 a Development and Production Service Contract as part of the Gas Growth Integrated Project (GGIP). The US\$10 billion agreement that was finalised in April 2023 aims to:

- to recover flared gas on three oil fields in order to supply gas to power generation plants,
- to build a seawater treatment plant in order to provide water injection for pressure maintenance to increase regional oil production, as an alternative to the use of fresh water from rivers and aquifers.

The consortium taking part of this agreement split rights as follows:

TotalEnergies: 45%

Basrah Oil Company: 30%

• Qatar Energy: 25%

TotalEnergies estimates that it will develop a 1 GW solar power plant to supply electricity to the Basrah regional grid. In agreement with Iraqi authorities, the company will invite the Saudi company ACWA Power to join this solar project.<sup>25</sup>

## Mansuriya gas field - SINOPEC

According to the PCLD, the Government awarded the Mansuriya undeveloped gas field in Diyala province to the Chinese company SINOPEC in April 2021.

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<sup>&</sup>lt;sup>25</sup> <u>Iraq: Agreement between Iraq and TotalEnergies | TotalEnergies.com</u>
BDO LLP

The Mansuriya gas field was put up for competition based on the Council of Ministers Resolution No. 270 of 2019, which included the approval of the Ministry of Oil No. 1765 on 17/6/2019 to develop the Mansuriya Gas field in the national effort, with the participation of one of the qualified international companies (51% by the Midland Oil Company and 49% by the international company) and the adoption of the standard contract for the border fields round (the fifth round) according to the principle of profit share.

In the associated gas agreement announced on 29 March 2021, TotalEnergies will establish a central gas complex in Ratawi with the aim of collecting and refining associated gas produced from the Ratawi, West Qurna 2, Majnoun, Tuba and Lahis oil fields.

The agreement involves the construction of complexes and units to treat associated gas, which will be in two phases with a capacity of 600 MMcf/d, according to the oil ministry.

The Government initially planned to launch a licensing round for the Mansuriyah gas field, after it cancelled a contract with a group of companies led by Turkey's state-owned TPAO. Under their initial development plan for the field, commercial production had been due to begin in 2015 and reach 80 MMcf/d that year, but their plans were scuppered by the June 2014 security events.<sup>26</sup>

The share of interest is detailed as follows:

- SINOPEC: 49%
- Midland Oil Company: 51%.

It is to be noted that the contract still requires obtaining the approval of the Ministerial Energy Committee and the Council of Ministers, after which the final signature is done by the Midland Oil Company, one of the national oil companies, and the Chinese Sinopec Company in order to activate the contract and start development operations.

#### Transfer of Oil & Gas licenses

The Article 28 of the service contracts model states that the process of transferring ownership in service contracts is carried out through the complete or partial assignment of rights and obligations as follows:

- "28.1 No Company shall assign its rights or obligations under this Contract, in whole or in part, without the prior written consent of a National Oil Company."
- "28.2 In the event that any company wishes to assign any of its shares, rights, privileges, duties or obligations under this contract to a wholly owned or controlled subsidiary, the company shall submit to a national oil company an application for this purpose together with documentary evidence that the said subsidiary is qualified by the Ministry of Oil and that such qualification remains in effect as of the date of the proposed assignment. The National Oil Company will not withhold approval of the referral to a wholly owned and controlled subsidiary if the said subsidiary is qualified by the Ministry of Oil and such qualification shall remain in effect as of the date of the proposed appointment. Notwithstanding the foregoing, unless expressly agreed to in writing by the National Oil Company, such waiver shall not release the Company from its obligations under this Contract, and shall remain

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<sup>&</sup>lt;sup>26</sup> <u>Sinopec wins contract to develop Iraq's Mansuriyah gas field | S&P Global Commodity Insights (spglobal.com)</u>
BDO LLP

- jointly liable with the assigned company to ensure the proper execution and compliance with the time specified for this Contract."
- \* "28.3 In the event that any company wishes to assign, in whole or in part, any of its shares, rights, privileges, duties or obligations under this Contract to a third party or an affiliated company which is not wholly owned, the company shall submit to a National Oil Company an application for this purpose and provide detailed evidence of the (recommended) transferee's technical and financial competence (i.e., the transferee must be qualified by the Iraqi Ministry of Oil). The Regional Oil Company shall consider the said application and notify the Company of its approval or otherwise within three (3) months of receipt thereof. Before such assignment becomes effective, the assignee party shall first provide an acceptable guarantee to the National Oil Company as per the form set out in Appendix F, and thereafter the National Oil Company shall, within the limits of the assigned participation share, release the assigning company from its obligations under this contract and any guarantee given to it by the assigning company."

The PCLD did not confirm any case of transfer of shares in licensing round contracts during the reporting period.

## g. Oil and Gas licences register

The oil and gas sector register is not accessible to the public.

The MoO did not provide us with the license register including the information required by the EITI Standard for the oil and gas sector.

## h. Disclosure of the Oil and Gas agreements

Oil and Gas service contracts (SCs) and (PSCs) are not publicly available.

## i. State participation

EITI Requirement 2.6 requires the government and state-owned enterprises to disclose their shareholding in oil, gas and mining companies operating within the country, and any changes in the shareholding during the accounting period covered by the NRTC Report.

The MSG has defined state-owned enterprises (SOEs) in accordance with the amended Public Companies' Law No. 22 of 1997, which defines a public company as: "a self-funded economic unit which is fully owned by the state, has a legal personality, financially and economically independent, and operates according to economic bases".

#### Overview of State participation in the Oil and Gas sector

Iraq has several state companies operating in the oil and gas sector affiliated to the MoO that play crucial roles in the exploration, production, and management of the country's significant hydrocarbon resources.

Fully owned subsidiaries of the MoO, are divided into three categories based on the sectors in which they operate: upstream, midstream, and downstream sectors, as detailed in the figure below:

FIGURE 11: STATE-OWNED ENTERPRISES (SOEs) IN THE OIL AND GAS SECTOR<sup>27</sup>

# Upstream sector

- North Oil Company
- Midland Oil Company
- Basra Oil Company
- Missan Oil Company
- Thi Qar Oil Company
- Iraqi Drilling Company
- Oil Exploration Company
- North Gas Company
- South Gas Company

# Midstream sector

- State Oil Marketing Company (SOMO)
- Gas Filling Company
- Oil Pipelines Company
- Oil Products Distribution Company
- Oil Tankers Company

# Downstream sector

- North Refineries Company
- Midland Refineries Company
- South Refineries Company

The Iraqi parliament enacted the Law of Iraqi National Oil Company (the "Law") on 5 March 2018 to establish a new form of national oil company as an entity enjoying financial and administrative independence and linked directly to the Council of Ministers; thus, distancing it from the MoO whose role would become focused on planning and follow-up.

According to the Law, Iraqi National Oil Companies (INOC) would take key operational responsibilities from the MoO and would be granted the right to exercise its authority inside and outside Iraq.

The companies transferred to INOC ownership, as per the Law, are:

- Iraqi Oil Exploration Company.
- Iraqi Drilling Company.
- Basra Oil Company.
- North Oil Company.
- Missan Oil Company.
- Midland Oil Company.
- Thi Qar Oil Company.
- State Organisation for Marketing of Oil (SOMO); and
- Iraqi Oil Tankers Company.

<sup>&</sup>lt;sup>27</sup> https://oil.gov.iq/ BDO LLP

State participation in the oil and gas upstream sector

In federal Iraq, there are nine SOEs in the extractive drilling and production sector (upstream sector).

FIGURE 12: SOES IN THE OIL AND GAS UPSTREAM SECTOR



#### North Oil Company (NOC)

NOC operates in northern Iraq, including the Kirkuk province. It is responsible for the operation and management of oil fields in this region, such as the Kirkuk oil field.



#### Midland Oil Company (MdOC)

MOC operates in central Iraq and is responsible for managing oil fields in the central and midland regions. It plays a key role in oil production and export operations.



## Basra Oil Company (BOC)

BOC primarily operates in the Basra province, which is home to some of Iraq's largest oil fields. It is responsible for managing and developing oil fields in the southern region.



#### Missan Oil Company (MOC)

MOC operates in the Missan province in southern Iraq and is involved in the exploration and production of oil and gas resources in the region.



## Thi Qar Oil Company (TOC)

TOC is responsible for oil and gas activities in the Thi Qar province in southern Iraq. It manages the exploration, drilling, and production of hydrocarbons in this area.



#### Iraqi Drilling Company (IDC)

*IDC* is responsible for for providing drilling and well-related services to the Iraqi oil industry. The company plays a significant role in the exploration and production of oil and natural gas resources in Iraq.



## Oil Exploration Company (OEC)

The responsibility entrusted to OEC, is to explore and evaluate oil and gas complexes using the latest available technologies. The company is engaged geology and seismic surveys, research and analyses, and other related services.



#### North Gas Company (NGC)

NGC is responsible for the extraction, processing, and distribution of natural gas in the northern regions of the country, primarily in the Kurdistan region.



#### South Gas Company (SGC)

SGC is responsible for the extraction, processing, and distribution of natural gas in the southern regions of the country, particularly in and around Basra province.

## North Oil Company (NOC)

#### Company profile and key activities



The North Oil Company (NOC) is responsible for the exploration, production, and management of oil resources in the northern regions of the country, including the Kirkuk and Mosul areas. NOC plays a crucial role in Iraq's oil industry, as the northern region is home to significant oil fields.

It was established in 1929 under the name Iraq Petroleum Company (IPC), then the name was shifted to North Oil Establishment in 1972 and to North Oil Company in 1987. Its first well was drilled on 30 June 1927 at a depth 400m, and on 14 October 1927 oil flowed from that well within Kirkuk field at a rate of (60,000 - 70,000 b/d).

The geographical area of the company extends to four Iraqi provinces:

- Kirkuk
- Neinawa
- Salah Al-Deen
- Alanbar

NOC includes over 50 facilities of pump stations, process units, oil field tanks, degassing stations, and many oil wells linked by pipelines nets that are spread over the company's area.

NOC's Key responsibilities and activities in the upstream oil and gas sub-sector, includes:

FIGURE 13: FUNDAMENTAL TASKS OF THE NORTH OIL COMPANY (NOC)<sup>28</sup>

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<sup>28</sup> https://nocoil.gov.iq/fundamental-tasks-of-north-oil-company/

Producing crude oil and natural gas from oil and gas fields within the geographical area of the company.

Degassing, compressing and transporting the associated gas and gas of domes to North Gas Company in order to produce liquefied petroleum gas (LPG) and dry gas that are used as fuel for industrial purposes.

Processing crude oil at process unit and transferring it to the refineries and exports points.

Preparing all the requirements for drilling and completion of wells by signing contracts with Iraq Drilling Company and other foreign drilling contractors, and executing all supporting operations.

NOC's fundamental tasks Control and study of geological and reservoir and fields measurements.

Preforming programmed and routine maintenance at the petroleum facility.

Planning and following up all company operational activities, implementing projects and developing computer systems and software programs.

Implementing projects that maintain and develop oil and gas production either by company's self-effort or signing contracts with other contractors, and providing projects with all requirements.

Investing oil and gas fields within the geographical area of the company in order to increase production.

Providing electrical and mechanical factories with store, financial, administrative and transportation and engineering services.

Providing companies within the petroleum sector and other sectors with technical services.

#### Organisational structure

The organisational structure of NOC can be found on the company website.<sup>29</sup>

#### **Financial information**

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company <u>here</u>.

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 $<sup>^{29}\</sup> https://nocoil.gov.iq/category/organizational\text{-}structure/$ 

#### Midland Oil Company (MdOC)

#### Company profile and key activities



Midland Oil Company (MdOC) was established in 2010 with a share capital of IQD 100 billion.<sup>30</sup> It plays a significant role in the exploration, production, and export of crude oil in the centre of the country.

The geographical area of the company extends to eight Iraqi provinces:

- Divala
- Wasit
- Babel
- Diwaniyah
- Najaf
- Karbala
- Anbar
- Baghdad

There are more than 30 oil and gas fields that are located within the area of operations of the company, in addition to about 160 geological blocks that have not been explored yet.<sup>31</sup>

The company's most important fields developed within licensing round contracts are the East Baghdad field, the Al-Ahdab and Badra field.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website here or email the company here.

## Basra Oil Company (BOC)

## Company profile and key activities



Basra Oil Company (BOC) was established in 1964 and is ranked first in Iraq and eighth worldwide in terms of production volumes. It is responsible for the exploration, drilling, production, and development of oil fields in the Basra province of Iraq. Basra is a major oil-producing region in Iraq, and the Basra Oil

Company plays a crucial role in managing and operating the oil fields in this area.

BOC is headquartered in Basra, which is a major city in southern Iraq. Basra is strategically located near the Persian Gulf and is home to some of Iraq's most significant oil fields. It manages and operates several large oil fields, including Rumaila (largest oil field discovered in Iraq and is considered the third largest oil field in the world), West Qurna, Majnoon, and others.

https://mdoc.oil.gov.iq/upload/9968458371.pdf

https://mdoc.oil.gov.iq/upload/2612815341.pdf

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BOC was established in May 1998 with a share capital of IQD 3 billion.<sup>32</sup> BOC was previously known as South Oil Company (SOC), and as of April 2017, SOC's name was changed to Basra Oil Company after it was restructured following the establishment and independence of Thi Qar Oil Company.

#### **BOC's fundamental tasks**

BOC's fundamental tasks in the upstream oil and gas sub-sector, includes:

FIGURE 14: FUNDAMENTAL TASKS OF THE BASRA OIL COMPANY (BOC)<sup>33</sup>

Production and processing of crude oil and isolation of associated gas.

Storing and pumping crude oil and preparing it to refineries, consumption sites within the country, and export ports.

Producing and processing gas, compressing it, and delivering it to gas manufacturing plants in its area of operations and to the national gas network and export ports.

BOC's fundamental tasks Carrying out probing operations, rehabilitating oil wells, re-completing them, and carrying out the work associated with drilling operations.

Operating and maintaining the pipeline system and crude oil export ports.

Developing Gaz and oil fields for the purposes of sustaining production and raising its rates in accordance with the Ministry's plans.

Managing and implementing all technical and service works to support its activities.

Carrying out any other activities in its area of operations in accordance with the Ministry's plans.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website <a href="here">here</a>.

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<sup>32</sup> https://boc.oil.gov.iq/index.php?name=Pages&op=page&pid=137

<sup>33</sup> https://boc.oil.gov.iq/index.php?name=Pages&op=page&pid=137

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#### Missan Oil Company (MOC)

## Company profile and key activities



Missan Oil Company (MOC) is one of the south oil companies in Iraq. It was created in 2008, as a spin-off from South Oil Company, to expand oil related activities in Maysan governorate and to set up joint ventures with international companies to develop the province's oil fields.<sup>34</sup>

The geographical area of Maysan Governorate includes many oil fields, the most prominent of which are the (Al-Amara and Nour) fields. There are also other major fields that are subject to rehabilitation and development through foreign investment efforts, which are the fields of (Halfaya, Bazarkan, Al-Fakka, and Abu Gharb), in addition to other fields and geological structures that have not been developed, namely (Dima, Al-Hawizeh, Al-Rifai, Kamit, Ali Al-Gharbi, Al-Dujaila, and Qalaat Saleh) in addition to several other compositions in different areas.<sup>35</sup>

## Key responsibilities and activities

FIGURE 15: MOC'S KEY RESPONSIBILITIES

- 1. Production and processing of crude oil and isolation of associated gas.
- 2. Storing and pumping crude oil and preparing it to refineries, consumption sites within the country, and export ports.
- Producing and processing gas, compressing it, and delivering it to gas manufacturing plants in its area of operations and to the national gas network and export ports.

MOC's fundamental tasks

- Carrying out probing operations, rehabilitating oil wells, re-completing them, and carrying out the work associated with drilling operations.
- 5. Operating and maintaining the pipeline system and crude oil export ports.
- Developing Gaz and oil fields for the purposes of sustaining production and raising its rates in accordance with the Ministry's plans.
- Managing and implementing all technical and service works to support its activities.
- 8. Carrying out any other activities in its area of operations in accordance with the Ministry's plans.

## Organisational structure

The organisational structure of MOC can be found on the company website.<sup>36</sup>

<sup>34</sup> https://moc.oil.gov.iq/upload/1358194085.pdf

<sup>35</sup> https://moc.oil.gov.iq/?page=30

https://moc.oil.gov.iq/upload/1335079853.jpg

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company on <u>here</u> or <u>here</u>.

#### Thi Qar Oil Company (TOC)

## Company profile and key activities



The Thi Qar Oil Company (TOC) is responsible for the exploration, production, and development of oil resources in the Thi Qar Governorate of Iraq. TOC was established in September 2016 with a share capital of IQD 300 billion.<sup>37</sup>

The Thi Qar Governorate is located in the southern part of Iraq and is known to have substantial oil reserves. TOC operates within this region, focusing on the extraction and production of crude oil.

TOC operates the Nasiriyah and Subba fields in the Thi Qar governorate in southern Iraq. Nasiriyah is a large oil field located approximately 200 kilometres to the northwest of Basra. The field is estimated to hold recoverable resources of 4.4 billion barrels and was brought onstream in 2009. Production ramped up steadily to over 70,000 b/d through continuous infill drilling. The facilities have also been expanded, with current field capacity at 100,000 b/d.<sup>38</sup>

## TOC's key responsibilities and activities

FIGURE 16: TOC'S KEY RESPONSIBILITIES AND ACTIVITIES

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<sup>37</sup> https://toc.oil.gov.iq/upload/2274698892.pdf

<sup>38</sup> https://www.woodmac.com/reports/upstream-oil-and-gas-dhi-qar-oil-company-operated-assets-3017153/

1. Production and processing of crude oil and isolation of associated gas.

2. Storing and pumping crude oil and preparing it to refineries, consumption sites within the country, and export ports.

Producing and processing gas, compressing it, and delivering it to gas manufacturing plants in its area of operations and to the national gas network and export ports.

4. Carrying out probing operations, rehabilitating oil wells, re-completing them, and carrying out the work associated with drilling operations.

5. Operating and maintaining the pipeline system and crude oil export ports.

Developing Gaz and oil fields for the purposes of sustaining production and raising its rates in accordance with the Ministry's plans.

7. Managing and implementing all technical and service works to support its activities.

8. Carrying out any other activities in its area of operations in accordance with the Ministry's plans.

# TOC's Key responsabilities

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

However, the unaudited balance sheet for the year 2021 is published on the company website, <u>here</u>.

For further information, please visit the company website <u>here</u>.

#### Iraqi Drilling Company (IDC)

#### Company profile and key activities



Iraqi Drilling Company (IDC) was established in 1990 and it monopolizes the drilling and reclamation activities in the country after these operations were managed by extraction companies such as the South Oil Company and the North Oil Company.

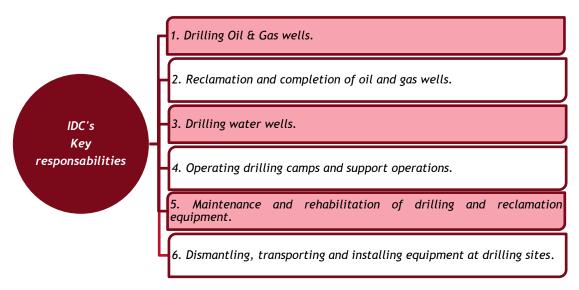
Since its foundation, the company was able to complete the drilling of 230 wells and thereclamation of 600 wells in the period between 1990 and 2003. Since then, approximately 423 wells have been drilled and more than 1,077 wells have been reclaimed due to the increase in the company's capacity of modern equipment<sup>39</sup>.

## IDC Key responsibilities and activities

The key responsibilities of the company are detailed below:

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<sup>39</sup> https://www.idc.gov.iq/



## Organisational structure

The organisational structure of the company is not publicly available.

#### Financial information

The latest financial statements published are those related to FY 2018. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company <u>here</u> or <u>here</u>.

#### Oil Exploration Company (OEC)

## Company profile and key activities



Oil Exploration Company (OEC) was established in 1987 after suspending the National Oil Company and cancelling all of its related companies. The responsibility of OEC is to explore and evaluate oil and gas accumulations based on the law No. 84 of 1985 about the preservation of hydrocarbon wealth by using

the latest technologies with a national technical staff of specialized expertise, especially in the fields of geology, processing and interpretation, field seismic survey and laboratories supported by engineering, legal, financial, administrative and service staff.<sup>40</sup>

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <a href="here">here</a>.

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<sup>&</sup>lt;sup>40</sup> OEC Website, here.

#### North Gas Company (NGC)

## Company profile and key activities



North Gas Company (NGC) is operating in the natural gas industry. Its main objective is processing crude oil in the northern region in order to produce the dry gas, liquefied gas, natural gasoline and sulfur.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website <a href="here">here</a> or email the company <a href="here">here</a>.

## South Gas Company (SGC)

## Company profile and key activities



South Gas Company (SGC) was part of Basra refinery, but it became independent in 1998.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company <u>here</u> or <u>here</u>.

#### Basra Gas Company (BGC)

## Company profile and key activities



Basra Gas Company (BGC) is an Iraqi joint venture established in 2013 as a 25-year incorporated between the Iraqi Government through SGC (51%), Shell (44%) and Mitsubishi (4%) to fulfil Iraq's strategy of energy independence and further investment in its natural gas resources. BGC is one of the largest flare reduction projects in the world and has turned Iraq form

a net importer to a net exporter of LPG in record time. BGC is a living example of what good partnerships can bring to Iraq's current and future generations.<sup>41</sup>

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please email the company here.

State participation in the oil and gas Midstream sector

## State Oil Marketing Company (SOMO)

## Company profile and key activities



State Oil Marketing Company (SOMO) was established in 1979 and it considered the most important SOE in Iraq. It is the only entity allowed to sign export contracts for crude oil as well as export/import contracts of oil derivates.

SOMO works on selling the Iraqi crude oil (light Basra and Kirkuk crude oil) via Basra oil port, Khur Al-Amya port, and Ceyhan port in Türkiye.

## Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company <u>here</u>.

#### Gas Filling Company (GFC)

## Company profile and key activities



Gas Filling Company (GFC) was established in 1991 replacing the State Facility of Gas Filling. It is responsible for running gas factories, filling gas cylinders, gas cylinders manufacturing and their maintenance.

It is also responsible for installing the liquid gas systems for industrial facilities and domestic services. The company owns 52 factories for this purpose.

## Organisational structure

GFC includes the following departments:

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<sup>41</sup> https://www.shell.iq/en\_iq/about-us/projects-and-sites/basrahgascompany.html# BDO LLP

- General manager's office
- Factories Department
- Engineering and Technical Affairs Department
- Operations Department
- Technical Equipment Department
- Administrative Department
- Materials Management Department
- Internal Audit Oversight Department
- Financial Affairs Department
- Department of Studies, Planning and Follow-up
- Inspection and Follow-up Department
- Engineering Inspection Department
- Health, Safety and Environment Department
- Measurement and Calibration Department
- Processing Department
- Legal Department
- Department of Warehouses and Gas Networks
- Automotive Gas Department
- Department of Information and Communications Technology

The organisation structure is available in Arabic on the company website, here.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website here or email the company here.

## Oil Pipelines Company (OPC)

#### Company profile and key activities



Oil Pipelines Company (OPC) was established in 1998. It is responsible for transporting all hydrocarbon materials from their production sources areas and storing them in the depots. It is also responsible for operating and providing maintenance for pumping stations, oil products transportation pipelines and dry

liquid gas pipelines from their production sources to the filling factories, depots and residential complexes.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website here or email the company here.

## Oil Products Distribution Company (OPDC)

#### Company profile and key activities



Oil Products Distribution Company (OPDC) was established in 195. It is responsible for the transportation of all types of oil products inside and outside Iraq. It supplies the Iraqi Airlines company with aviation fuel in addition to supplying oil and gas stations with cars fuel.

## Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company <u>here</u> or <u>here</u>.

## Iraqi Oil Tankers Company (IOTC)

#### Company profile and key activities



Iraqi Oil Tankers Company (IOTC) was established in 1972 with seven oil tankers of 35,000 tons each.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but have yet to receive them.

For further information, please visit the company website here or email the company here.

State participation in the oil and gas Downstream sector

Iraq's refining capacity was around one million barrels daily as presented in the table below:

TABLE 18: DAILY REFINING CAPACITY BY REFINERY

| Refinery location | Capacity in Thousand Barrels/Day |
|-------------------|----------------------------------|
| Baiji             | 140                              |
| Basrah            | 210                              |
| Daura             | 140                              |
| Kirkuk            | 56                               |
| Sainia            | 30                               |
| Najaf             | 30                               |
| Samawa            | 30                               |
| Nasiria           | 30                               |
| Missan            | 40                               |
| Diwania           | 20                               |
| Haditha           | 16                               |
| Qaiarah           | 14                               |
| Kask              | 20                               |
| Kar               | 160                              |
| Bazyan            | 40                               |
| Karbala           | na                               |
| Bazyan            | 976                              |

Source: OPEC Annual Statistical Bulletin 2022

## North Refineries Company (NRC)

## Company profile and key activities



North Refineries Company (NRC) was established in 1980. It is connected to a large group of refineries (e.g., Salah-Aldeen refinery 1, Salah-Aldeen refinery 2, North refinery, Oil lubricates refinery, Hadeetha refinery, Kirkuk refinery, Seniya refinery, Qayara refinery, Kusk refinery, and Al-Jazeera refinery).

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them. The latest available financial information relates to the year 2019.<sup>42</sup>

For further information, please visit the company website <u>here</u> or email the company <u>here</u> or <u>here</u>.

## Midland Refineries Company (MRC)

## Company profile and key activities



Midland Refineries Company (MRC) was established in 1955 and it has five producing refineries: Aldoora refinery, Al-Najaf Refinery, Karbala Refinery, Diwaniya refinery and Al-Samawa Refinery.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website here or email the company here.

## South Refineries Company (SRC)

#### Company profile and key activities



South Refineries Company (SRC) was established in 1969 in Basra and entered into production in 1974. The company produces petroleum products. (e.g. Gasoline, Kerosene, Light gas oil, diesel, Fuel oil, marine fuel oil, LPG, jet fuel, etc.).

#### Organisational structure

South Refineries Company consist of the following departments: 43

TABLE 19: DEPARTMENTS OF THE SRC

| N° | Refinery              | Description   |
|----|-----------------------|---|
| 1  | AlShuaiba<br>refinery | a-Two distillation units with capacity of 7000 b/d each.<br>b-Two hydrogenation - distillation units, capacity 29000 b/d.<br>c-Two gasoline reforming units, capacity 8000 b/d. |

<sup>42</sup> https://nrc.oil.gov.iq/upload/upfile/ar/19.PDF

<sup>43</sup> https://www.src.gov.iq/en/Departments

| N° | Refinery                              | Description   |
|----|---------------------------------------|---|
|    |                                       | d-Unit for producing liquid gas with capacity is 200 t/d.   |
| 2  | Department of<br>Lub oil refinery     | It was established in 1977 and accomplished in 1982. Production started in 1996 with variety of lub oils. It is considered a major source of our national economy as it meets the needs for lub oil and derivatives, with production capacity of (100000 ton/year) It includes: vacuum distillation unit, deasphalt unit, furfural- treating unit, dewaxing unit, Lub oil hydrogenation blending and filling unit. It produces amount of 110000 ton/year of low permeability asphalt. |
| 3  | Thi Qar<br>Refinery<br>division:      | This refinery was built in 1980 with two distillation units, capacity 10000 b/d each. It was supplemented with third distillation unit which was operated in 1981 with total capacity of 30,000 b/d. In 1982, Asphalt unit was established with capacity 500 ton/day. This refinery was intended to provide the governorate and areas nearby with petroleum products.   |
| 4  | Department of<br>Maissan<br>refinery: | It was established in 1999 to supply Maissan governorate and areas nearby with oil products and support total production capacity with 1000 b/d amount. In the beginning of the year 2010 it was expanded to include two additional distillation units with capacity of 1000 b/d for each. It is now located in Bazergan area.  |

Source: SRC website

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

However, the unaudited balance sheet for the year 2021 is published on the company website, here.

For further information, please visit the company website here or email the company here.

#### Karbala Oil Refinery

Iraq inaugurated an oil refinery in the central city of Karbala in April 2023. The refinery is expected to refine 140,000 barrels daily helping to meet local demand for petrol, kerosene, and heating oil while reducing imports. It is the first to be built since the 1980s with such production capacity. Three other refineries across Iraq meet about half of the country's demand for refined products, and the rest is imported.



The refinery's products, including gasoline and kerosene, will meet the highest European standards and specifications (Euro 5). The refinery will produce high-octane gasoline with a degree of 95, with a capacity of 8-9 million litres per day, which can be increased to 12 million litres per day after mixing with naphtha produced at the refinery. (Credit: AFP / Iraqi PM's press office.)

The refinery's production is expected to cover up to 75% of domestic consumption, with the remainder being imported or produced at other local refineries<sup>44</sup>.

Despite its immense oil and gas reserves, Iraq remains dependent on imports to meet energy needs.

## Oil training institutes

## Kirkuk Oil Training Institute (KOTI)

## Institute profile and key activities



Kirkuk Oil Training Institute (KOTI) was established in 1951. It is the first oil-training institute in Iraq and one of the oldest training institutes in the Middle East. The training institute Curriculum consist of theoretical and practical study. It is well equipped with modern classrooms, educational aids, workshops, and labs.<sup>45</sup>

For further information, please email the institute <u>here</u>.

## Oil Training Institute, Baiji (OTI)

## Institute profile and key activities



Oil Training Institute, Baiji (OTI) was established in 1956. It gives courses in oil, refinery, electricity, and mechanics over two years (70% practical training and 30% theoretical study). The graduate granted diploma in the abovementioned specializations.<sup>46</sup>

For further information, please email the institute here.

#### Baghdad Oil Training Institute (BOTI)

## Institute profile and key activities



Baghdad Oil Training Institute (BOTI) was established in 1971 with the aim of graduating students (Iraqi and foreign) with a technical diploma level and developing the employees of the oil sector covering all the specialisations.

The institute has advanced trainings materials for students.

For further information, please visit the institute website <u>here</u> or email the institute <u>here</u> or <u>here</u>.

<sup>44 &</sup>lt;u>Karbala Oil Refinery to Begin Production in mid-March | Iraq Business News (iraq-businessnews.com)</u>

 <sup>45</sup> http://elearningmoo.com/en/institutes/koti.php
 46 http://elearningmoo.com/en/institutes/baiji.php

## **Basra Oil Training Institute**

## Institute profile and key activities



Basra Oil Training Institute was established in 1994. Its aims to prepare and qualify the mid staff in the petroleum and semi petroleum specialization. It granted technical diploma. It prepares and performs developmental and qualifying training courses for different levels in the petroleum industry.

For further information, please email the institute <u>here</u>.

## Other entity

## State Company for Oil Projects (SCOP)

## Company profile and key activities



State Company for Oil Projects (SCOP) was established in 1964. It is specialised in implementing oil projects in Iraq.

## Organisational structure

## SCOP has five project departments:

TABLE 20: DEPARTMENTS OF SCOP

| N° | Project department | Key achievements  | Email address               |
|----|--------------------|---|-----------------------------|
| 1  | North              | Kasak Refinery Rehabilitation Project. Establishing 3 tanks in the Kirkuk refinery and rehabilitating three other tanks. The crude oil pipeline is 14 knots from the strategic line to the Al-Khairat gas station. 8-knot dry gas pipe feeding to the Samawa gas station. | north.oper@scop.oil.gov.iq  |
| 2  | Baghdad            | Al-Rafidain Bank Building Caravan works. East Baghdad project. Jerusalem power station. Rusafa warehouse project. Optical cable project.  | bagh.oper@scop.oil.gov.iq   |
| 3  | South              | Azmara Unit Project.  Gas isolation and compression stations.  Rumaila gas investment project.  FAO warehouse.  Project to lay a 48-knot Zubair 2 FAO pipeline.   | south.oper@scop.oil.gov.iq  |
| 4  | Midland            | FAO tanks project.  Diwaniyah/Najaf pipeline project to deliver gas to the Najaf gas station.   | middle.oper@scop.oil.gov.iq |

| N° | Project department | Key achievements   | Email address |
|----|--------------------|--|---------------|
|    |                    | A 24-knot pipeline project to deliver<br>gas to the Diwaniyah power station.<br>Najaf refinery.<br>Dry gas pipeline project to Haidariyah. |               |
| 5  | Karbala            | NA   | NA            |

Source: SCOP website

As for the central departments, SCOP includes the following departments:

- Information and Communications Technology Department.
- Engineering Examination Department.
- Legal Department.
- Internal Control and Auditing Department.
- Purchasing and Exporting Department.
- Contracts Department.
- Performance Follow-up and Quality Management Department; and
- Safety and Environment Department.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website here or email the company here.

### j. Energy transition

In March 2023, the Iraqi Prime Minister (PM) announced a campaign to combat the severe impacts of climate change on the water-scarce country, including by promoting clean and renewable energy. The PM said Iraq was "moving forward to conclude contracts for constructing renewable energy power plants to provide one-third of our electricity demand by 2030."<sup>47</sup>

#### k. Social and environmental expenditure

Social expenditure consists of all contributions made by extractive entities to promote local development and to finance social projects in line with EITI Requirement 6.1. This Requirement encourages the multi-stakeholder groups to apply a high standard of transparency to social payments and transfers, the parties involved in the transactions and the materiality of these payments and transfers to other benefit streams, including the recognition that these payments may be reported even though it is not possible to reconcile them.

These contributions can be voluntary or mandatory and can be made in cash or in kind, depending on individual contracts. This category includes, inter alia infrastructures relating to health or education, road and farming projects related to the promotion of agriculture, as well as grants provided to the population.

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<sup>&</sup>lt;sup>47</sup> <u>Iraq Plans to Boost Solar Energy Projects to Reach 2030 Renewable Energy Target - SolarQuarter</u>
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Requirement 6.1 states that: 'Where material payments by companies to the government related to the environment are mandated by law, regulation or contract that governs the extractive investment, such payments must be disclosed.'

The table below provides details of mandatory social expenditures stipulated through legislation or contracts:

TABLE 21: MANDATORY SOCIAL EXPENDITURES

| Legislation/contract  | Description  |
|---|--|
| Energy Committee<br>Resolution N.139 of 23<br>December 2013                 | IOCs are obliged to pay an annual amount of up to USD 5 million per service contract or per each company, spent for projects executed by such companies as social benefits to the areas surrounding fields and exploration blocks in which they operate, in relation to Al-Ahdab Field and first, second and third licensing rounds. According to the resolution, these expenses are to be recorded under the contractors' recoverable petroleum costs, and are therefore, reimbursed to the contractor. |
| Forth licensing round   | included a clause that oblige contracting companies to allocate an amount equal (10%) of the approved annual budget for infrastructure projects in provinces where the exploration block is located. This would provide funds to erect and develop infrastructure.   |
| Article 11 of the<br>Public Companies Law<br>No. 22 of 1997 (as<br>amended) | SOEs are required to pay 5%, for social projects, of net profit after auditing their accounts by federal board of supreme audit. These amounts are paid directly to the accounts of the Ministry of Oil.   |

## 1. Oil & Gas sector in the Kurdistan Region

### **Overview**

The Kurdistan Region is believed to possess around 45 billion barrels of oil in reserves, along with potential 25 billion barrels of unverified reserves. Moreover, the region is believed to hold 200 trillion cubic feet of gas reserves.

Beginning in 2004, the KRG has held talks with international companies to pursue exploration and development in a range of areas within the region, including disputed regions. The KRG Oil and Gas Act has been established, and since its inception, the KRG has forged its own petroleum policies autonomously from the federal government, with the aim of achieving the following objectives:

- Acquiring international investment;
- Expanding the level of oil exploration;
- Expanding the level of oil reserves;
- Expanding both the production and export of oil;
- Building out the region's infrastructure, including any necessary pipes and tanks for export and transportation; and
- Building refineries to increase the area's capability for refining.

Following the referendum in October 2017, some Kirkuk oil fields as well as other crucial infrastructure including airports and border crossings were taken over by Iraq's central government forces. The North Oil Company (NOC) of Federal Iraq thereafter assumed control of the Avana Dome, Baba Dome, and Bai Hassan oil fields. The oil fields near Kirkuk, namely Qubbet Baba, Jambour, and Khabaza, are still under NOC operation.

Production in northern Iraq (including that from the KRG and Federal Iraq) fell to around half of its pre-referendum level by the end of October 2017. This amounted to nearly 600,000 barrels per day. Due to tiny oil companies boosting output at already-existing sites and bringing numerous smaller fields online in the KRG-controlled area, production in Northern Iraq has largely returned to pre-referendum norms over the past few years. Due to the COVID-19 epidemic and decreased international oil company (IOC) investment in field development and exploration, KRG oil output fell somewhat in 2019 after peaking at over 470,000 barrels per day. In 2021, ExxonMobil revoked its final license in Kurdistan.

The ethnic Kurds and other groups in the region are deeply divided over who has the right to control the reserves. Rystad believes that the oil resources in the KRG-controlled territories held around 3.7 billion barrels as of May 2022, because they include the disputed Kirkuk area resources in addition to unproven reserves, the KRG estimate of 45 billion barrels is probably larger.

The Federal Iraq's Supreme Court rendered a decision in February 2022, declaring that the KRG lacked the jurisdiction to produce or market natural gas and oil, and that any agreements the KRG entered into with foreign oil and gas service businesses were unlawful. The decision is available here.

The KRG government disagreed with the decision and argued that it is entitled by the constitution to export Kurdistan's oil. The protracted conflict has resulted in legal pressure from Federal Iraq on a number of Kurdistan-based businesses. If a number of oil corporations choose to permanently suspend their operations in the region in response to the court verdict, this legal dispute may hinder the production of oil and natural gas in Kurdistan. The dispute is ongoing.<sup>48</sup>

#### **Production and exports**

The Kurdistan Regional Government's (KRG) Ministry of Natural Resources posts the production sharing contracts (PSCs) it has signed with foreign oil companies on its website.<sup>49</sup>

The following charts show the evolution of KRG net oil lifted between 2017 and 2021. The lowest quantity lifted was 86 million bbl in 2017 while the highest year was 2019 when production reached record levels of 158.51 million bbl.



FIGURE 17: NET OIL LIFTED BY BUYERS IN VOLUME AND VALUE 2017-2021

Source: Deloitte, oil production, export, consumption and revenue

49 https://gov.krd/mnr-en/publications/contracts/

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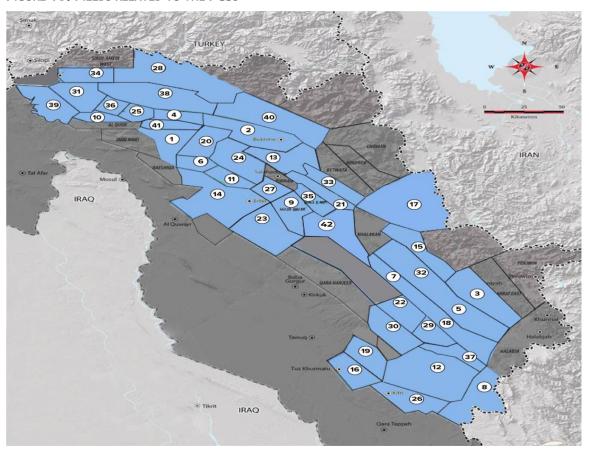
<sup>48</sup> https://www.reuters.com/world/middle-east/iraqi-federal-court-deems-kurdish-oil-gas-law-unconstitutional-2022-02-15/

The increase between 2020 and 2021 amounts to \$4,594 million or 103% while the quantity of net oil lifted decreased by 4%. The overall increase was mainly explained by the increase of oil and gas prices. Average Brent prices were approximately \$42/bbl in 2020 and \$71/bbl in 2021, representing an increase of 69%. The COVID-19 pandemic created uncertainty which impacted demand for oil and led to the significant decrease in oil price during 2020.

We did not find any publicly available information on KRG's production of crude oil during 2021.

The card below presents the 42 fields related to the PCSs:

FIGURE 18: FIELDS RELATED TO THE PCSS



| 1. Ain Sifni       | 2. Akri Bijeel | 3. Arbat            | 4. Atrush        | 5. Baranan  | 6. Barda<br>Rash | 7. Bazian         |
|--------------------|----------------|---------------------|------------------|-------------|------------------|-------------------|
| 8. Chia Surkh      | 9. Mala Omar   | 10. Duhok           | 11. Erbil        | 12. Garmain | 13. Harir        | 14. Hawler        |
| 15.Pramagrun       | 16.Pulkhana    | 17.Qala Dze         | 18.Qara<br>Dagh  | 19.Taza     | 20.Rovi          | 21.Safen          |
| 22.Sangaw<br>North | 23.Qush Tapa   | 24.Sarta            | 25.Sheikh<br>Adi | 26.Shakal   | 27.Shorish       | 28.Sindi<br>Amedi |
| 29.Sangaw<br>South | 30.Topkhana    | 31.Central<br>Duhok | 32.Miran         | 33.Shakrok  | 34.Tawke         | 35.Bina<br>Bawi   |
| 36.Ber Bahr        | 37.Kurdamir    | 38.Sarsang          | 39.Sulevani      | 40.Dinarta  | 41.Shaikan       | 42.Taq<br>Taq     |

#### Institutional framework

The KRG is supervised by the MNR across the public entities mentioned below according to the Law No. 22 of 2007 approved: <sup>50</sup>

- Kurdistan Exploration and Production Company (KEPCO): Website <a href="here">here</a>
- Kurdistan National Oil Company (KNOC): Website <u>here</u>
- Kurdistan Oil Marketing Organization (KOMO); and
- Kurdistan Organization for Downstream Operations (KODO).

The official name of this law is 'Law No. 5 of 2013', which is the Law of identifying and obtaining financial dues to the Kurdistan Region of Iraq from Federal Revenue. It serves as the formal foundation for resolving unresolved revenue disputes between the KRG and the Iraqi federal government.

The law lays out a procedure for identifying and then reimbursing the federal government for any unpaid taxes that have been owed to the Kurdistan Region since 2004. It says that the KRG is allowed to sell oil produced in the Region to recoup unpaid debts in the event that the federal government defaults on the payments. It covers some topics like the KRG's portion of sovereign expenditure revenues owed to the Peshmerga, the region's security forces, and payments to the region to make up for harm caused by the previous regime.

This Diagram shows how the KRG's production sharing contracts work:

**How Production Sharing Contracts Work** Total oil produced Ψ - - ▶ 10% GOVERNMENT ROYALTY Net available oil UNUSED COST OIL ADDED BACK TO PROFIT OIL \*\*Total Profit Oil sharing based on a range of a 30/70% split to a 15/85% split Cost Recovery Oil 15% V up to 40% of net available oil 12% KRG \*\* Oil profit split based on the factor 'R' (cumulative revenue divided by cumulative cost). Typically, when R reaches 2, the 2.4% 4.8% profit split will be 85/15% in fa-vour of the Kurdistan Regional 7.2% 9.6% Government (KRG). KRG programme

FIGURE 19: KRG'S PRODUCTION SHARING CONTRACTS

Source: KRG Ministry of Natural resources<sup>51</sup>

<sup>&</sup>lt;sup>50</sup> https://archive.gov.krd/mnr/mnr.krg.org/images/pdfs/Kurdistan\_Oil\_and\_Gas\_Law\_English\_2007.pdf

<sup>51</sup> https://archive.gov.krd/mnr/mnr.krg.org/index.php/en/the-ministry/contracts/new-psc.html

#### The Regional Council for the Oil & Gas Affairs (RCOGA)

The Regional Council for the Oil & Gas Affairs (RCOGA) was established in application of the "Oil & Gas Law of the Kurdistan Region - Iraq" (Law No. 22 - 2007) and aims to:

- i. Formulate the general principles of petroleum policy, prospect planning and field development, and any modifications to those principles, in the Region;
- ii. Approve petroleum contracts; and
- iii. Limit production levels in the region consistent with the provisions of Article.

#### The Council is made up of:

- The Prime Minister, as President of the Council;
- The Deputy Prime Minister, as Deputy President of the Council;
- The Minister of Natural Resources, as member of the Council;
- The Minister of Finance and Economy, as member of the Council; and
- The Minister of Planning, as member of the Council.

Considering the importance of the Oil sector in the region's economy, the Regional Council serves as the highest authority in regulating the sector and strategically supervises the works of the Ministry of National Resources (MNR), helping establish a system of checks and balances that encourages transparency and accountability. Therefore, all major decisions related to the sector need to be reviewed and approved by the Regional Council prior to taking effect, ensuring greater oversight and a more collegial and audited decision-making process.<sup>52</sup>

#### **Production sharing contracts**

These contracts are chosen by the KRG in application of Chapter 10 of Kurdistan's Oil & Gas Law (Law No. 22 of 2007), ratified by Parliament on August 6th, 2007. The region follows the PSC model to explore and develop its oil and gas sector, with the Law explicitly regulating the parameters of such contracts (Article 37 of the Law). The companies entering into these contracts share risks and rewards by incurring the cost of exploring oil and gas prospects which can only be recovered if reserves are found, and once a minimum of 5,000 barrels of oil are produced daily for a period of 12 months (otherwise operational costs are born solely by the IOC, with no liability on the KRG).

Upon commercial production of oil and gas, certain numbers of barrels are allocated toward the cost recovery (Cost Oil), while the remaining production is shared between the KRG and the IOC contractor.<sup>53</sup>

The Kurdistan Oil and Gas Law, as well as the signed exploration and production contracts (<a href="https://archive.gov.krd/mnr/mnr.krg.org/index.php/en/the-ministry/contracts/pscs-signed.html">https://archive.gov.krd/mnr/mnr.krg.org/index.php/en/the-ministry/contracts/pscs-signed.html</a>) that the KRG has awarded, are taken into consideration when creating the Model Production Sharing Contract (PSC) that the KRG has made available.

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KRG Oil & Gas Sector - Frequently Asked Questions ENG.pdf (b-cdn.net)
 KRG Oil & Gas Sector - Frequently Asked Questions ENG.pdf (b-cdn.net)

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## 3.2. Mining sector

## a. General context of the mining sector

As of mid-2014, the ISIS insurgency caused significant damage to most of the company's extractive facilities, including site infrastructure and production lines. Subsequently, security concerns in Iraq resulted in the cessation of exploration, production, and sales.

By virtue of its location and mineral wealth, Iraq will be a competitive regional player in the mining industry, making it an essential basis for industrial growth, responsibly addressing the need of the local market, creating jobs for Iraqis and developing infrastructure and aiding social development in remote areas of Iraq, thereby contributing to its sustainable development.

The map below represents minerals of Iraq and that was prepared by the Geological Survey Commission.

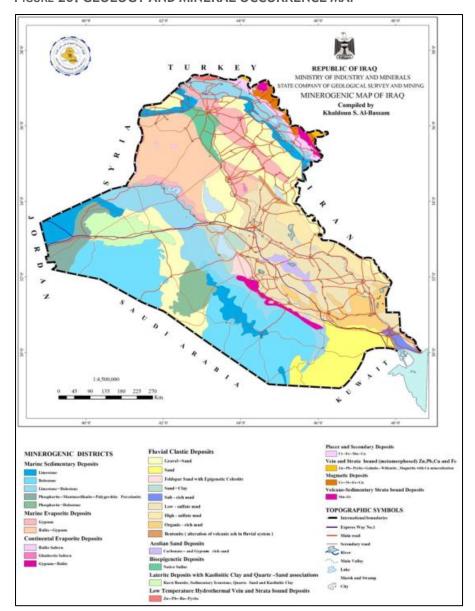


FIGURE 20: GEOLOGY AND MINERAL OCCURRENCE MAP

Source: Geo-surv

Iraq's geological evolution has led to the emergence of favourable conditions for the formation of diverse minerals and industrial rocks.

The majority of Iraq's mineral resources are non-metallic sedimentary types that have developed in various Arabic plate rock formations.

## Mineral deposits

According to data provided by the MoIM, the country contains nearby 20,781 m.t. of mineral deposits as detailed by commodity in the table below:

TABLE 22: MINERAL DEPOSITS IN IRAQ

| Mineral deposit  | Formation  | Geographical<br>location  | Recorded reserve             | Uses  |
|--|--|---|------------------------------|---|
| Free Sulfur  | Fatha Formation<br>(Middle Miocene)  | Nineveh and Salah<br>Al Deen<br>Governorates                        | About 600 m.t                | Phosphatic fertilizers and chemical industries  |
| Phosphates 21%-<br>22% P2O5 (can be<br>increased to 30%) | Akashat Formation<br>(Paleocene), Ratka<br>Formation<br>(Eocene), and<br>Digma Formation | Anbar Governorate   | More than<br>10,000 m.t      | Phosphatic fertilizers industry   |
| Sodium chloride<br>(Salt)                                | Dhiban and Al-<br>Fatha (Middle<br>Miocene)<br>formations and<br>quaternary<br>deposits  | Nineveh and<br>Muthanna<br>Governorates                             | About 50 m.t                 | Nourishments, textile, and textile industries   |
| Limestone  | Several geological formations  | Anbar, Al-Diwaniya,<br>Muthanna, Al-Najaf<br>and Karbala Region     | About 8,000<br>m.t           | The industry of cement, lime, glass, ceramics, iron, steel & construction                                 |
| Dolomite   | Several geological formations  | Anbar and Muthanna<br>Governorates                                  | More than 330 m.t            | Production of magnesia, magnetite brick, glass industry, ceramics, iron, steel & construction             |
| Gypsum   | Al-Fatha (Middle<br>Miocene)   | Nineveh, Kirkuk,<br>Wasit, Salah Al Deen<br>& Anbar<br>Governorates | About 130 m.t                | Plaster industry for decoration & cement industry   |
| Quartzite  | Nahr Umar &<br>Rutba formations  | Western desert<br>Anbar Governorate                                 | About 16 m.t                 | Silicon industries & acid lining of furnaces  |
| Feldspar bearing sand                                    | Dibdibba<br>formation<br>(Pliocene)  | Al-Najaf Al-Ashraf<br>Governorate                                   | 7 m.t (ready for investment) | Ceramic industries & filters  |
| Kaolin clays   | Ga'ara (Permian),<br>Hussainiat and<br>Amij (Jurassic)<br>formations                     | Anbar Governorate   | 1,200 m.t                    | Cement, Refractories,<br>white cement and<br>historical bricks  |
| Flint clay   | Karst deposits<br>north of Al-<br>Hussainiat   | Western desert<br>Anbar Governorate                                 | 10 m.t                       | White cement and refractories   |
| Bentonite clay   | Digma (late<br>cretaceous) and<br>Akashat (Pliocene)<br>formations                       | Western desert<br>Anbar Governorate                                 | 22 m.t                       | Drilling muds for oil wells & concrete pillars, animal feed preparation, vegetable oils for paraffin wax, |

| Mineral deposit  | Formation  | Geographical<br>location                                     | Recorded reserve | Uses  |
|--|--|--|------------------|---|
|  |  |  |                  | mold and plumbing works.  |
| Attapulgite clays  | Digma (late<br>cretaceous),<br>Akashat (Pliocene)<br>and Injana (Late<br>Miocene)<br>formations                              | Western desert<br>Anbar & Nineveh<br>Governorates            | 0.5 m.t          | Salty drilling muds,<br>color bleaching for wax<br>& vegetable oils |
| Celestite<br>(Strontium<br>Sulphate)                                       | Injana (Late<br>Miocene) and<br>Dibdibba<br>(Paleocene)<br>formations  | Al-Najaf Al-Ashraf<br>and Karbala<br>Governorates            | 0.8 m.t          | Raw materials for extraction  |
| Porcellanite Siliceous rocks of low density less than 1 gm/cm <sup>3</sup> | Digma (Late<br>Cretaceous) and<br>Akashat (Pliocene)<br>formations   | Western desert<br>Anbar Governorate                          | 1.8 m.t          | Purification assistants   |
| Bauxite  | Karst deposits reserved in carbonate rocks belongs to Jurassic period north of Al Hussainiat formations                      | Western desert<br>Anbar Governorate                          | 1 m.t            | Refractories industry   |
| Sedimentary Iron   | Ga'ara (Permian)<br>and Al-Hussainiat<br>(Jurassic)<br>formations  | Western desert<br>Anbar Governorate                          | 60 m.t           | Resistant cement  |
| Glass sand   | Ga'ara Formation (Permocapronian), Al-Husayniyat Formation (Jurassic), Nahr Omar Formation and Rutbah Formation (Cretaceous) | Western desert<br>Anbar Governorate                          | 330 m.t          | Glass, ceramics,<br>refractories and<br>plumbing industries         |
| Clubrite Ore  Source: MoIM   | Quaternary<br>deposits   | Al-Shara'a Lake /<br>Samarra<br>Salah Al Deen<br>governorate | 22 m.t           | Production of sodium sulfate for the detergent and glass industry   |

Source: MoIM

In addition, Iraq contains several other mineral deposits. However, we were not provided with the recorded reserves for these minerals that are presented in the table below:

TABLE 23: OTHER MINERAL DEPOSITS IN IRAQ

| Mineral deposit          | Formation  | Geographical location   | Uses           |
|--------------------------|--|---|----------------|
| Ancient formations clays | Al-Fatha formation<br>(Middle Miocene) and<br>Angana formation (Late<br>Miocene) | Nineveh, Wasit, Salah Al<br>Deen, Kirkuk and Diyala<br>governorates | Block industry |

| Mineral deposit     | Formation   | Geographical location   | Uses  |
|---------------------|---|---|---|
| Heavy Minerals Sand | Ga'ara<br>(Permocarboniferous) and<br>Amij (Jurassic) formations                  | Anbar Governorate   | Jewelry manufacture Rutile/ source for titanium Zircon / source for zirconium Monazite / source for thorium |
| Sand and Gravel     | Dibdibba (Pliocene)<br>formations, and Quarter                                    | Al-Najaf Al Ashraf,<br>Karbala, Salah Al Deen,<br>Kirkuk and Al-Basra | Construction  |
| Recent clays        | Al-Fatha (Middle Miocene)<br>and Injana (Late Miocene)<br>formations              | Governorates located in<br>the Mesopotamian and<br>Anbar Governorate  | Brick & Cement industries   |
| Lead and Zink       | Qara Jinni Formation<br>(Triassic), Akre-Bekhma<br>Formation (Late<br>Cretaceous) | Duhok and Al-<br>Sulaymaniyah<br>governorates                         | Metallic and metallurgical industries   |
| Copper              | Basic and suprabasic fire complexes   | Al-Sulaymaniyah<br>governorate  | Metallic and metallurgical industries   |
| Chrome and Nickel   | Basic and suprabasic fire complexes   | Al-Sulaymaniyah<br>governorate  | Metallic and metallurgical industries   |
| Iron and Manganese  | Basic and suprabasic fire complexes   | Duhok and Al-<br>Sulaymaniyah<br>governorates                         | Metallic and metallurgical industries   |
| Baryte              | Gyaziri Formation<br>(Permian) Akre-Bakhma<br>Formation (Late<br>Cretaceous)      | Duhok governorate   | Drilling mud - a filler<br>material in the paper and<br>pharmaceutical industries                           |
| Asbestos            | -   | Al-Sulaymaniyah<br>governorate  | Manufacture of asbestos<br>boards and heat-resistant<br>fibres  |
| Marble              | Several geological formations   | Erbil and Al-<br>Sulaymaniyah<br>governorates                         | Decor   |

Source: MoIM

## b. Register of licenses

The EITI Standard requires implementing countries to maintain a publicly available register or cadastre system which must be kept up to date with comprehensive information regarding each of the licenses pertaining to companies covered in the EITI Report: i. Name(s) of license holder(s); ii. Coordinates of the licensed area; iii. Date of application, date of award and duration of the license; and iv. In the case of production licenses, the commodity being produced.

The license register received from the Geological Survey Department (Geosurv-Iraq)<sup>54</sup> of the MoIM shows current license information, and therefore does not necessarily reflect the actual ownership status during 2021. The register includes the following information:

the identity of the license holder;

BDO LLP 71

<sup>&</sup>lt;sup>54</sup> The Iraq Geological Survey is a scientific research organisation that aligns with Iraqi academic institutions conducting research in earth sciences. It is responsible for Federal Government geology and mineral resources and strives to meet sustainable development objectives. Furthermore, it seeks to modernise the national geological and mineral information network and provide scientific services to the state in the earth sciences field, whilst acting as a scientific reference. <a href="http://geosurviraq.iq/">http://geosurviraq.iq/</a>

- the status of the license;
- the date of award;
- the expiry date;
- the commodity produced; and
- the area of the license.

According to this licence register, there were 615 active mineral licences in 2021 detailed by governorate as follows:

TABLE 24: MINING LICENCES BY GOVERNORATE

| Governorate  | Number of licences |
|--------------|--------------------|
| Al-Anbar     | 184                |
| Baghdad      | 78                 |
| Diyala       | 68                 |
| Wasit        | 63                 |
| Maysan       | 43                 |
| Muthanna     | 38                 |
| Karbala      | 36                 |
| Diwaniya     | 29                 |
| Najaf        | 22                 |
| Thi Qar      | 14                 |
| Salah ad-Din | 13                 |
| Babil        | 12                 |
| Kirkuk       | 9                  |
| Basra        | 5                  |
| Nineveh      | 1                  |
| Total        | 615                |

Source: Geosurv-Iraq

The table below shows a summary of data of prominent minerals according to a study prepared by the Geosurv-Iraq. Clays and Gypsum licences represent 79% of the total mining licences in Iraq:

TABLE 25: MINERALS BY LICENCES

| Product   | Number of licences |
|-----------|--------------------|
| Clays     | 277                |
| Gypsum    | 205                |
| Aggregate | 61                 |
| Gravel    | 43                 |
| Sand      | 10                 |
| Limestone | 9                  |
| Soil      | 6                  |
| Plaster   | 4                  |
| Total     | 615                |

Source: Geosury-Iraq

The list of active mineral licences in 2021 is detailed in Annex 3 to this report.

## c. Disclosure of contracts and licenses in the mining sector

The mining contracts are not accessible to the public.

The MoIM did not provide us with the mining contracts including the information required by the EITI Standard for the mining sector.

# d. Exploration activities

#### Overview

EITI requirement 3.1 states that "Implementing countries should disclose an overview of the extractive industries, including any significant exploration activities.".

GEOSURV confirms the presence of important investment opportunities in the mining sector, as the country comprises a wide variety of industrial minerals and raw materials all over the Iraqi Territory. The company therefore offers several investment opportunities for minerals and industrial raw materials exploitation such as phosphate, native sulphur, sulphate, silica sand, red clay, etc.<sup>55</sup>

## Main investment opportunities in the mining sector

The geological studies conducted by authorities in Iraq show that the country has important mineral deposits that remain unexploited. In fact, the MoIM confirms more than 12,000 m.t of ready-for-investment mineral deposits as presented in the table below:

TABLE 26: MAIN ONGOING MINING PROJECTS

| Commodity / Field                    | Commodity / Field Geographical location  |  | Uses  |  |
|--------------------------------------|--|--|---|--|
| Free Sulfur                          |  |  |   |  |
| Mishraq Sulfur (Al-<br>Lazaka field) | The right side of the Tigris<br>River, 15 km south of the<br>city of Mosul                                     | 23.5 m.t   | Phosphatic fertilizers and Sulfuric acid extraction   |  |
| Mishraq Sulfur (2 and 3)             | Southeast of Mosul city at<br>45 km of Nineveh<br>Governorate, on the left<br>side of the Tigris River         | Mishraq 2: 65.8 m.t<br>Mishraq 3: 224 m.t  | Phosphatic fertilizers and Sulfuric acid extraction   |  |
| Phosphate                            |  |  |   |  |
| Wadi Sawab                           | Located at 110 km north<br>of Rutba city and 5 km<br>west of Akashat Mines                                     | 3,500 m.t C1 category<br>Phosphates 21%-22%<br>P2O5 (can be<br>increased to 30%) | Phosphatic fertilizers and<br>Sulfuric acid extraction  |  |
| Wadi Al Hirri                        | Located at 15-20 km<br>north-east of Akashat<br>Mines  | 195 m.t B Phosphates<br>21%-22% P2O5 (can be<br>increased to 30%)                | Phosphatic fertilizers and Sulfuric acid extraction   |  |
| Silica sand                          |  |  |   |  |
| Anbar governorate                    | Ga'ara at 80 km north of<br>Rutba city, Wadi Al Amij<br>at 30 km north and<br>Ardhma at 18 km of Rutba<br>city | 330 million m3<br>(SiO2<95%-98%)   | Glass, cilicone and thermstone industries   |  |
| Najaf governorate                    | 25 km north-west of Najaf<br>city  | 12 million m3,<br>expandable   | Stained glass and the manufacture of glassware, containers, glass, crystal, panels and fiberglass |  |
| Feldspathic sand                     |  |  |   |  |

<sup>&</sup>lt;sup>55</sup> <u>GEOSURVIRAQ</u>

| Commodity / Field  | Geographical location   | Available for investment reserve             | Uses   |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|
| Najaf governorate  | City  |  | Glass, ceramic, abrasive materials, electric insulators, fillers for the plastics, paint, rubber and industries                            |  |  |  |  |  |  |
| Limestone suitable for cement                                |   |  |  |  |  |  |  |  |  |
| Anbar governorate  | - Wadi Al-Ghadaf<br>- Wadi Sawab<br>- H3  | 900 m.t<br>576.21 m.t<br>778 m.t             | Cement manufacturing   |  |  |  |  |  |  |
| Najaf governorate  | <ul> <li>South-eastern Najaf city</li> <li>Khriba and Mouradiya<br/>area</li> <li>Mazloum castle</li> </ul> | 1,612 m.t                                    | Cement manufacturing   |  |  |  |  |  |  |
| Al-Muthanna<br>governorate                                   | - Al-Salman<br>- Busayya<br>- Umm Rahal<br>- Al-Khudhari  | 183.09 m.t<br>188.5 m.t<br>182 m.t           | Cement manufacturing   |  |  |  |  |  |  |
| Karbala governorate  | Rabi'i area   | 369 m.t                                      | Cement manufacturing   |  |  |  |  |  |  |
| Al-Kadisiyyah<br>governorate                                 | Wadi Al-Mahari, 15 km<br>southwest of Al-Shenafiya<br>area  | 400 m.t                                      | Cement manufacturing   |  |  |  |  |  |  |
| Bauxite  |   |  |  |  |  |  |  |  |  |
| Anbar governorate  | - Al-Hussainiyat<br>- Amij area   | 50 m.t<br>30 m.t                             | Bricks and red tiles<br>manufacturing  |  |  |  |  |  |  |
| Anbar governorate<br>(Kaolin clay for<br>alumina production) | Northern Al-Hussainiyat   | C1 category: 200 m.t<br>C2 category: 500 m.t | Aluminia production and Clinker by-product   |  |  |  |  |  |  |
| Ancient clays  | - Zurbatiya   |  | Red bricks   |  |  |  |  |  |  |
| Carbonates & Sulfates  |   |  |  |  |  |  |  |  |  |
| Sodium Carbonate -<br>Anbar governorate                      | - Limestone: 80 km North<br>Ar-Rutbah city<br>- Sodium Chloride: 60 km<br>west Rawa                         | 1,000 m.t<br>13 m.t                          | Glass, soap, detergent and paper pulp  |  |  |  |  |  |  |
| Sodium Carbonate - Al-<br>Muthanna governorate               | - Limestone: 80 km North<br>Ar-Rutbah city<br>- Sodium Chloride: 60 km<br>Southwest Samawah                 | 50 m.t C1 category<br>40 m.t                 | Glass, soap, detergent and paper pulp  |  |  |  |  |  |  |
| Calcium Carbonate -<br>Anbar governorate                     | Wadi Ghadaf   | 124 m.t C1 and C2 categories                 | Paper, dyes, rubber, inks and medicine   |  |  |  |  |  |  |
| Sodium Sulfate -<br>Saladin                                  | 35 km northeast Samarra<br>city   | more than 20 m.t                             | Detergent and paper industries   |  |  |  |  |  |  |
| Magnesia refractory bri                                      | cks   |  |  |  |  |  |  |  |  |
| Al-Muthanna<br>governorate                                   | Al khudhari area  | C1 category: 188 m.t<br>C2 category: 277 m.t | Investing in dolomite deposits to produce magnesia for the manufacture of magnesia refractory bricks that are used in lining cement kilns. |  |  |  |  |  |  |
| Anbar governorate  | Wadi Huran, 3.5 km east<br>Ar-Rutbah city   | More than 300 m.t                            | Investing in dolomite deposits to produce magnesia for the manufacture of magnesia refractory bricks that are used in lining cement kilns. |  |  |  |  |  |  |
| Gypsum   |   |  |  |  |  |  |  |  |  |

| Commodity / Field | Geographical location  | Available for investment reserve | Uses   |
|-------------------|--|----------------------------------|--|
| Gypsum            | Nineveh (Tal Afar and<br>Musol)<br>Saladin (Tikrit and<br>Sulaiman Bek)<br>Anbar (Rawa and Hit)<br>Wasit (Zurbatiya) | 95 m.t C1 and B<br>categories    | Binder for construction<br>Cement industry<br>Solution industry<br>Interior panel partitions |

Source: MoIM

# e. Legal framework

## Current legal framework

The MoIM is the sole governing body responsible for the extraction and marketing of minerals in Iraq and is legally authorised to make decisions in that regard.<sup>56</sup>

The mining sector is regulated by the following main law and regulations:

TABLE 27: MINING SECTOR LEGAL FRAMEWORK

| Legislation   | Description  |
|---|--|
| Mineral<br>Investment Law<br>No. 91 of 1988<br>(after<br>amendment) <sup>57</sup> | Provides that the Iraqi Geological Survey and Mining Company ("the establishment") is responsible for supervising the enforcement of the Law, and that it is responsible for monitoring the investment in quarries and mines across the country, compiling and classifying the information pertaining to those activities for the purposes of promoting, guiding and directing investments to guarantee the maintenance of mineral wealth and protecting the environment.  According to Article 4 of the Law, the Minister of Industry and Minerals, or his nominee may allocate certain areas of land to private and mixed sector companies for investment in quarries to execute their own projects, either with or without compensation, for a limited period and according to specific conditions including the handling of by-products. |
| Law No. 22 of<br>1997   | Applicable to the State-owned entities (SOEs) in federal Iraq (including those operating in the mining, oil and gas sectors). Article 1 of the law defines a public/state entity as "a self-funded economic unit which is fully owned by the state, has a legal personality, is financially and economically independent, and operates according to economic bases".  The MoIM operates the sector through nine state-owned entities, as follows:  The State Company for Mining Industries  The State Company of Fertilizers - Southern Region  The State Company of Fertilizers- Northern Region  Sate Company for Petrochemical Industries  Phosphate Company  Mishraq Sulphur Company  Sate Company for Iron & Steel  Iraq Sate Cement Company  Iraqi Geological Survey and Mining Company (Geosury-Iraq)                                 |
| Investment Law<br>No. 13 of 2006  | Investment Law No. 13 of 2006 aims to encourage Iraqi and foreign private sector investment in Iraq in order to contribute to the economic and social development of the country, and to expand and diversify its production and service base, all while creating work opportunities for Iraqi citizens.  Article 12 of the Iraqi Investment Law No. 13 of 2006 provides that priority in recruitment and employment shall be given to Iraqi workers and goes on to state that investors have the right to employ and use non-Iraqi workers only when it is not possible to employ an Iraqi with the required qualifications and capabilities.   |

https://industry.gov.iq/
 https://investpromo.gov.iq/wp-content/uploads/2013/06/Law-for-the-Regulation-of-Mineral-Investments-No.-91-for-1988-after-Amendment-EN.pdf

| Legislation   | Description   |
|---|---|
| Protection and<br>Improvement of<br>the<br>Environment<br>Law No. 27 of<br>2009 | <ul> <li>Matters relating to the environment within mining, and oil and gas exploration activities are governed by Law No. 27 of 2009 on the Protection and Improvement of the Environment. Article 21 of the Law addresses the activities of the entities involved in the exploration and extraction of oil and natural gas, whereby it requires such entities to: <ul> <li>take necessary measures to limit the dangers and risks resulting from petroleum operations;</li> <li>take necessary measures to protect earth, air, water and underground reservoirs from pollution and destruction;</li> <li>take necessary precautions to dispose of produced salt water through safe environmental methods;</li> <li>prevent spills of oil and refrain from injecting oil into subsurface areas that are used for human and agricultural purposes; and</li> <li>provide the Ministry of Environment with information about the causes of any fires, explosions, breakdowns, accidents and leakage of crude oil and gas from wells and pipelines.</li> </ul> </li> </ul> |
| Iraqi Ministry of<br>Industry and<br>Minerals Law<br>No. 38 of 2011             | Defines the ministry's objectives, scope, and structure and explains its role in promoting the country's mineral industry sector.  Article 3 of the law states that the MOIM is responsible for increasing the non-oil minerals sector's share of the GDP, organizing and developing industrial and mineral activities, and setting industrial policies and strategies in accordance with the Government's policies.  |

Following a confirmation received from the MoIM, the raw material used by Iraq Sate Cement Company to produce the cement is imported and not extracted from the Iraqi soil. Therefore, we recommend the MSG to exclude this SOE from the scope of this report.

## Legal reforms in mining sector

According to the Ministry of Industry and Minerals, only one reform was carried out in 2021, namely the Quarry Instruction No. 1 of 2021.<sup>58</sup>

As per the article 1 of the new Quarry instruction, lands suitable for investment are classified as quarries according to the type of materials to be invested, and the amount of investment fees is as follows:

TABLE 28: INVESTMENT FEES BY THE NEW REGULATION

| Type of quarries   | The material invested and the purpose of use  | Amount of<br>investment<br>allowance<br>per m³ in IQD |
|--------------------|---|---|
|                    | Limestone and dolomite for construction purposes  | 500   |
|                    | Limestone and dolomite for arbitration and payment purposes   | 1,500   |
| 1. Stone           | Marble and its substitutes for construction, arbitration, payment, decoration and industrial purposes | 10,000  |
| quarries           | Limestone and dolomite for industrial purposes  | 2,500   |
|                    | Limestone and dolomite and primary gypsum for decorative purposes                                     | 3,000   |
|                    | Primary gypsum for industrial purposes  | 1,500   |
|                    | Crushed gravel for construction purposes  | 750   |
| 2. Gravel quarries | Crushed gravel for arbitration, payment, burial and elevation   | 1,500   |
|                    | Crushed gravel for filters purposes   | 1,500   |
|                    | Sand for construction purposes  | 750   |

<sup>58 &</sup>lt;u>4637.pdf (moj.gov.iq)</u>

| Type of quarries                      | The material invested and the purpose of use               | Amount of<br>investment<br>allowance<br>per m³ in IQD |
|---------------------------------------|--|---|
|                                       | Sand for filters purposes                                  | 4,000   |
| 3. Quarries                           | Dust container on secondary gypsum for industrial purposes | 500   |
| of sand, dirt<br>and river<br>mixture | Soil for burial and elevation purposes                     | 500   |
|                                       | Soil for industrial purposes                               | 400   |
|                                       | Sand suitable for making thermostone                       | 2,000   |
|                                       | Sand suitable for making lime bricks                       | 2,000   |

Source: Quarry instruction N°1 of 2021

## f. Institutional framework

The main government agencies involved in the mining sector in Iraq are set out in the table below:

TABLE 29: INSTITUTIONAL FRAMEWORK

| Entity                               | Functions  |
|--------------------------------------|--|
| Ministry of Industry and Minerals    | The sole governing body responsible for the extraction and marketing of minerals in Iraq and is legally authorized to make decisions in that regard.   |
| Iraqi Geological<br>Survey - GEOSURV | Responsible for monitoring investments in quarries and mines throughout the country, and for collecting and classifying information on these activities in order to promote, guide and direct investments in order to ensure the conservation of mineral wealth and the protection of the environment. |

# g. Tax regime

The main key taxes in Iraq and can be applied to mining extraction sector are the following:

Table 30: Main taxes in Iraq

| Taxes Payable      |   |  |  |
|--------------------|---|--|--|
|                    | An Iraqi resident company is subject to corporation tax on all of its income and capital gains.   |  |  |
|                    | The corporate tax rate is set for each fiscal year that concludes on 31 December.   |  |  |
|                    | <ul> <li>A fixed tax rate of 15% is applied to Limited Liability Companies.</li> </ul>  |  |  |
|                    | <ul> <li>A fixed tax rate of 15% is applicable to Private Shareholding Companies.</li> </ul>  |  |  |
|                    | <ul> <li>A 15% fixed tax rate applies to Mixed Shareholding Companies.</li> </ul>   |  |  |
| Corporation tax    | <ul> <li>Contracts involving foreign oil companies engaged in the production, extraction,<br/>and related industries of oil and gas within Iraq, as well as their branches, offices,<br/>and subcontracting parties, are subject to a 35% income tax on income realized<br/>within the country.</li> </ul>  |  |  |
|                    | Tax returns have to be submitted by 31 May of the assessment year, at the latest. The tax authorities will raise an assessment based on the information at their disposal if the returned self-assessed position is rejected, and payment of the tax liability is due within 21 days of the assessment date. During a tax year, no quarterly payments are required. |  |  |
| Capital gains tax  | Capital gains made by companies are taxed at the appropriate corporation tax rate.  |  |  |
| Branch profits tax | After deducting any foreign taxes, foreign branches operating in Iraq are subject to corporation income tax ratios.   |  |  |
| Value added tax    | Iraq does not have VAT  |  |  |

|                          | Taxable Income   |
|--------------------------|--|
| Income tax               | Income tax is imposed on any money earned in Iraq. Establishing assessable gross income and deducting allowable expenses from it yields corporate taxable income.              |
| Depreciation             | While depreciation on real estate and buildings is not deductible, depreciation on machinery and equipment is deductible based on specific ratios.                             |
| Inventory                | Every inventory item is valued at net realizable value less cost.  |
| Capital gains and losses | The profit subject to corporation tax for the accounting period includes both capital gains and losses.  |
| Dividends                | Given that the aforementioned income was previously subject to tax, dividends paid to Iraqi corporations are typically free from corporation tax.                              |
| Interest deductions      | Generally, business interests paid or incurred during the tax year may be written off by the taxpayer. Interest has to be directly tied to the income that is being discussed. |
| Losses                   | With a maximum deduction of <b>50</b> % of taxable income each year, net operating losses may be carried forward against the same taxable income for five years.               |
| Foreign sourced income   | Iraqi companies pay taxes on their worldwide profits, including those from their overseas branches.  |
| Incentives               | In some circumstances, the investor may benefit from a five-year tax and customs exemption; this period may be extended to ten years.  |

#### Foreign Tax Relief

If the taxes are associated with or related to the business, or if the income is taxed by Iraq, an Iraqi corporation or a foreign corporation operating in Iraq may choose to claim a credit or a deduction for income tax paid to another nation.

#### **Corporate Groups**

Iraq does not have any provisions for group taxation or account consolidation for tax purposes.

#### **Related Party Transactions**

The tax authorities have the authority to determine whether or not related party transactions are at arm's length, and related party transactions must be reported separately. The assessing officer may refuse to allow a deduction for the excess amount in cases where the prices paid for the purchase of goods or services are exorbitant or unreasonable.

#### Withholding Tax

Any income that a resident Iraqi pays to a non-resident (non-Iraqi) will be subject to 15% withholding tax if it includes annual allowances, pension salaries, or other annual payments, as well as interest on debentures, mortgages, loans, deposits, and advances. Note that there is no withholding tax on dividends.

## **Exchange Control**

In Iraq, exchange control regulations do not exist.

#### Personal Income Tax

Personal Income tax (PIT) on residents:

- 3% is applied to the first IQD 250,000 after exemptions are deducted.
- 5% tax from IQD 250,000 to 500,000 after deducting exemptions.
- 10% is applied to the amount between IQD 500,000 and \$1,000,000 after exemptions are subtracted.
- 15% is applied to any amount over IQD one million after deducting exemptions.

## PIT for Non-residents:

- The taxpayer is not eligible for any exemptions; the first IQD 250,000 is subject to a 3% tax.
- There is a 5% tax from IQD 250,000 to 500,000; the taxpayer is not eligible for any exemptions.
- The 10% tax applies to IQD 500,000 to \$1,000,000; the taxpayer is not eligible for any exemptions.
- There are no taxpayer exemptions for amounts over IQD 1,000,000; the taxpayer is subject to 15% of the total amount.

#### Treaty and Non-Treaty Withholding Tax Rates

Iraq has signed on 2 December 1968 just one tax treaty with Egypt.

#### Active mining licenses on 31 December 2021

A record of licenses is upheld by the Ministry of Industry and Minerals, (specifically at the Geological Survey Department), but it has not been published on the website.

The list of active mineral licences in 2021 is detailed in Annex 3(b) to this report.

#### h. Licences allocation

The following is a description of the methodology applied by national mining companies when contracting with private and public companies, in accordance with the Public Companies Law No. 22 of 1997 and based on Article 4 (Part 9) of the Ministry of Industry and Minerals Law No. 38 of 2011 (amended). The presented methodology was officially adopted by decision Ministry on 16 January 2019.

#### Production sharing contracts announcement

- The public company announces its intention to conclude participation contracts in three approved one-time newspapers and on its official website. It advertises on the bulletin board of the Ministry of Industry and Minerals website and sends a copy to the Ministry of Foreign Affairs.
- Bids will not be opened until a period of no less than 30 days has passed from the date of publication of the advertisement.
- If no bids are received within 30 days, the announcement is considered effective until an acceptable offer is received, and the announcement is removed from the website after the bid is opened or updated to indicate that its purpose has been completed.
- If a single offer is received that is technically and commercially acceptable, the necessary measures will be taken to study and analyse it, and the announcement will be considered effective in the event that offers that do not conform to the standards are received.
- The public company may issue direct invitations if the subject matter of the partnership contract is limited to specific, well-known manufacturing companies, and it has the right to issue a single monopoly invitation if there are monopoly companies.

## Tender, deadline and contractual requirements

- Preference will be given to international manufacturing companies specializing in the industrial field. Offers may also be accepted from any other companies, financial or commercial institutions, investors, or venture capitalists that attach their contracting and cooperation documents (authorization, agency, or partnership) with manufacturing companies specialized in the announced field.
- The company must have been established for a period of no less than two years.
- The company submits its documents along with the certificate of incorporation, financial statements (in English for non-Arab companies) for the last two years audited by a chartered accountant's office or an international auditing company, and all documents must be authenticated by the Embassy of the Republic of Iraq in the company's country.
- Submitting a letter of support from reputable banks confirming their financial competence and dealings with a statement of cash deposits for the last financial

year certified by the company's auditor and the Iraqi Council of Certified Auditors for Iraqi Companies and by the Embassy of the Republic of Iraq in the country of non-Iraqi companies.

- The bidding company presents its technical capabilities and its plan to develop existing products or introduce new products.
- Providing statements that include production machines or lines, tools, and preparations for technology transfer and training, with details of the amounts allocated for each item, with emphasis that the machines, lines, tools, and tools are new and from an approved manufacturer.
- The contract is subject to Iraqi laws and legislation to resolve the dispute, if any, and the Iraqi judiciary is the competent person to consider the dispute.
- Submitting a letter of guarantee for at least US\$ 100,000, depending on the nature and cost of the project, to ensure the implementation of general obligations.
- Provisions of Article 14 of the Companies Law No. 2 of 2017 regarding the establishment license and the necessity of opening a registered branch in Iraq upon contracting and duly registering it with the Registrar of Companies within a period of 3 months from the date of signing or a branch of the companies mentioned in Clause 1 above with the contracting companies.

## The stage of opening and studying offers and referrals

- Forming a committee in the public company to open offers.
- Forming a committee to study and analyse offers from various specializations (technical, financial, legal, control and investment in the company and the commercial factory concerned with the matter) (the period of study and analysis is two weeks).
- The committee submits its recommendations to the company's general manager for the purpose of requesting that they be presented to the board of directors for approval.
- After the Board of Directors discusses the matter and makes the decision on the initial referral after fulfilling all the requirements mentioned above, the initial referral is issued conditional on completing the requirements mentioned later within a period of one month.
- The public company may conduct negotiations in the event that the offers submitted or the only offer are similar, in a way that contributes to improving the technology and the amount of funds allocated, as well as raising its share in the partnership contract (the period for fulfilling the contracting and negotiation requirements is only one month).
- The duration of the contract shall not be less than 5 years, subject to extension upon the recommendation of the Board of Directors and the approval of the Minister.
- Ensuring the integrity of the company's legal position.

#### Rehabilitation and operation contracts

These mechanisms are developed in the event of entering into partnership contracts in accordance with the text of Article 15 of the Public Companies Law No. 22 of 1997 and the text of Paragraph (B) of Article 32 of Investment Law No. 13 of 2006 and its amendments and Law No. 50 of 2015. For rehabilitation cases, considering the following:

- Mention the qualification amounts and their details about each paragraph in the second party's offer.
- Providing a power station by the second party during the rehabilitation period, at its own expense, while bearing the costs of operation and maintenance during the project period.
- The second party shall bear the salaries and allowances of the factory employees, according to actual need and by agreement between the two parties.
- The second party bears all production costs, and the responsibility for sales and marketing is shared and agreed upon between the two parties.
- Coordination committees are formed between the two parties to monitor and investigate production and prepare joint monthly reports.
- The duration of the contract shall not be less than 10 years.
- The factories will be re-delivered after the end of the contract period to the first party without compensation, provided that their production capacity is no less than 90% of the design capacity as a result of the rehabilitation process.
- Work according to the attached information form, evaluation criteria and general conditions.

#### Pre-contract stage

- 1. Review the list of companies banned in the Ministry of Planning's bulletin.
- 2. Informing the Iraqi National Intelligence Service regarding contracting or participating with companies, as stated in the letter of the General Secretariat of the Council of Ministers No. 1129 on 10 January 2012, and according to the following mechanism:
  - The National Intelligence Service is approached by the contracting parties directly and through the agency's representatives in those parties in Iraq (and in the absence of representatives, the aforementioned agency shall nominate its representatives for this purpose) regarding contracts for the supply of chemical materials, communications devices, surveillance and photography devices, weapons, and explosive materials, which require approval. The above-mentioned agency must review it before concluding the contract according to the information form to obtain its approval.
  - Contracting and other supply contracts not mentioned in (a) above, which are contracted with Arab and foreign companies, the information will be submitted to the agency later according to the same form, after concluding the contract, and within a period not exceeding 15 days from the date of the contract, and the intelligence service will be responsible for verifying this information and informing those The authorities shall provide any comments, if any, within a period of 15 days from the date of receipt of the request.

## **Contract signing stage**

After completing what was stated above:

- Letters of guarantee are completed, and their issuance is verified before signing the contract.
- The initial contract is prepared and appended to me by the legal, commercial, financial, internal control and investment departments of the public company.
- The priorities are presented to the Board of Directors for the purpose of approval, including the initial contract with the aim of having it signed by both parties and entering into implementation from its date, provided that both the Investment Department and

the Technical Department are provided with a copy of the contract for the purpose of follow-up and presenting the results to the attention of the Minister.

## i. State participation in the mining sector

EITI Requirement 2.6 requires the government and state-owned enterprises to disclose their shareholding in oil, gas and mining companies operating within the country, and any changes in the shareholding during the accounting period covered by the NRTC Report.

The MSG has defined state-owned enterprises (SOEs) in accordance with the amended Public Companies' Law no. 22 of 1997, which defines a public company as: "a self-funded economic unit which is fully owned by the state, has a legal personality, financially and economically independent, and operates according to economic bases".

## Overview of State participation in the mining sector

The mining sector comprises several companies affiliated to the MIM that play crucial roles in the exploration, production, and management of the country's significant mineral resources. Those state-owned companies can be defined as extractive companies or service companies as presented in the figure below:

FIGURE 21: STATE-OWNED ENTERPRISES (SOES) IN THE MINING SECTOR<sup>59</sup>

# Extractive companies

- State Company for Mining Industries
- State Co. For Fertilizer North Area
- State Company of Southern Fertilizers
- State Company for Petrochemical Industries
- State Company of Phosphate
- Mishraq Sulfur State Company
- State Company for Iron and Steel
- Iraqi Cement State Co.

# Service companiy

Iraq Geological Survey

The full list of the SOEs operating in the extractive sectors in Iraq is publicly available on the NRTC website. It also contains a brief description of each entity and its operations.<sup>60</sup>

<sup>59</sup> https://oil.gov.iq/

<sup>60 &</sup>lt;u>doc-881-2019\_08\_04\_12\_26\_03.docx (live.com)</u>

## State participation in the mining sector

In federal Iraq, there are eight 8 SOEs operating in the mining sector.

FIGURE 22: SOES IN THE MINING EXTRACTIVE SECTOR



#### State Company for Mining Industries (SCMI)

SCMI operates in Baghdad with other locations throughout the country. It participates in minerals' extraction and production.



#### State Co. For Fertilizer North Area (NORTHASM)

NORTHASM operates in Baghdad and is specialized in producing Urea fertilizer and Ammonia gas.



#### State Company of Southern Fertilizers (SCF)

SCF primarily operates in the Basra province, and specializes in the production of Urea fertilizer and Ammonia in southern Iraq.



#### State Company for Petrochemical Industries (SCPI)

SCPI operates in the Basra province in southern Iraq and is emphasized in the production of polyethylene as well as other chemical products.



#### State Company for Phosphate (SCP)

SCP operates in Western Iraq and is responsible for the extraction of Phosphate and manufactue of Phosphate fertilizers.



#### Mishraq Sulfur State Company

The company operates in Northern Iraq and is specialised in the extraction and manufacturing of Sulfur products.



#### State Company for Iron and Steel (SCIS)

SCIS is the only company that is responsible for manufacturing iron, steel and iron pipes.



#### Iraqi Cement State Co. (ICSC)

ICSC is responsible for production and marketing of Cement, as well as the manufacture of cement packaging.

## State Company for Mining Industries (SCMI)

## Company profile and key activities



The State Company for Mining Industries (SCMI) is one of the main entities of the Ministry of Industry and Minerals. Established in 1992, the company specializes in chemical and mining industries and has two industrial identities:

- Chemical production: The company participates in the production of various types of products such as construction products, polymeric asphalt and cement, and German insulation products that are used in thermal insulation of tanks and pipes.
- Mining: The company participates in opening mines, extracting, purifying, concentrating, and marketing mineral ores to beneficiaries. The major product of the company is sand of all kinds, such as silica sand, filter sand, feldspar-bearing sand, flint clay, and kaolin.

The Mineral Extraction Unit is a unit within the company that specializes in extracting and marketing mineral raw materials and semi-finished products.

The company has several locations in Iraq as follows:

- Baghdad: Company headquarters, Metal Extraction Department
- Basra: Al-Thagher Factory and Basra salt pans
- Al-Muthanna: SamawahMosul: Al-Rimah Factory
- Najaf: Najaf Mine
- Nineveh: Al-Rayma Factory
- Anbar: Western Desert Mines and Bentonite Activation Project.<sup>61</sup>

## Organisational structure

The organisational structure of the SCMI is not publicly available.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please email the company here.

#### State Company of Fertilizers (SCF)

## Company profile and key activities

The State Company of Fertilizers was established in Abu Al-Khasib, Basra Governorate, in 1969 with a share capital of IQD 12,000,000. The company's factory began operating in 1971 with the manufacture of Urea fertilizer and Ammonia.

Since a single fertilizer plant was unable to meet the requirements at that time, it was therefore decided to expand the capacity of the first plant through the requirements of the agricultural industry at the same location by establishing a second factory for the production

<sup>61</sup> FB page.

of urea fertilizers in Abu Al-Khasib with a capital of IQD 32,000,000 with planned daily capacities of 1,300 tons/day for Urea fertilizer and 800 tons/day for Ammonia.

In order to increase the Urea demand for use in agricultural and industrial activities, a decision was made to build a large urea production plant at a cost of IQD 192,000,000 in Khor Al-Zubair and with a total Urea fertilizer production capacity of 3,200 tons/day. <sup>62</sup>

The two companies (Abu Al-Khasib and Khor Al-Zubair) were merged in 1988 within the State Company of Fertilizers. However, the two companies were divided into two separate companies in 1994:

State Co. For Fertilizer North Area

State Company of Southern Fertilizers (SCF)

(NORTHASM)





#### Organisational structure

The organisational structure of the companies is not publicly available.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

## State Company for Petrochemical Industries (SCPI)

## Company profile and key activities



The SCPI was founded in Khur Al-Zubair - Basra province in 1977 with a purpose of producing raw materials used in the manufacture of plastic materials such as Polyethylene, Polyvinyl Chlorine and other chemical products using natural gas and other petroleum products.

The Basrah petrochemical complex (PC-1) was the first petrochemical facility built in Iraq and is still the only complete petrochemical producing facility in Iraq. The complex consists of six major plants, Ethylene, Caustic/Chlorine, Vinyl Chlorine Monomer (VCM), PVC plant, Low Density polyethylene, and High-Density Polyethylene plant.

SCPI is in the business of manufacturing high-quality, High-density polyethylene (HDPE), Low-density polyethylene (LDPE), Polyvinyl chloride (PVC), Polyethylene Master Batch (coloured and black), Polyvinyl chloride Compounding, Agricultural film, and other chemical products.

85

<sup>62</sup> The State Company of Fertilizers - About Us (scf.gov.iq)
BDO LLP

Different grades of the aforementioned products are available to satisfy the requirements of most thermoplastic processing techniques including blown film extrusion, cast film extrusion, wire and cable coating, pipe extrusion, injection moulding, blow moulding, and rotational moulding.

In addition, the company also produces other chemical products such as Hydrochloric acid (HCl), Sodium hypochlorite (NaOCl) and Caustic soda.63

# **Production capacity**

The production capacity of the company plants is detailed in the table below:

TABLE 31: PRODUCTION CAPACITY BY PLAN<sup>64</sup>

| Plant                        | Licensor         | Capacity / MtpY  | Description   |
|------------------------------|------------------|------------------|---|
| Ethylene                     | Lummus           | 132,000          | This unit is considered to be the fundamental unit in the company is fed by (LNG) gas as a raw material (feed stock) supplied through a pipeline from Rumaila oil fields to produce ethylene gas which is the elementary material needed to produce plastic granules and some other industrial liquids.   |
| High Density<br>Polyethylene | Phillips         | 30,000           | This unit produces different grades of high-density polyethylene granules differs in melt index and density. HDPE granules are food grade used to produce (general purpose bags, thermo-formed dunnage, containers for bottling proudest, gas distribution pipes, potable water pipes, housewares, toys). |
| Low Density<br>Polyethylene  | Equistar         | 60,000           | This unit produces different grades of polyethylene granules differs in melt index and density. LDPE granules are food grade product (general purpose film, carrier bags, heavy duty packaging, agriculture film, blow mouldings, toys, general purpose articles etc)                                     |
| Vinyl Chloride<br>Monomer    | Stuffer          | 660,000          | This unit react chlorine and Ethylene in special reactors to produce (VCM) and hydrochloric acid. The products of this unit are mainly used to produce PVC.   |
| Poly Vinyl<br>Chloride       | Stuffer          | 60,000           | This unit converts vinyl chlorine monomer to PVC powder of different grades like (54,66,71) different in K. value, B-density, volatile. These grades are commonly used for pipes, sheet, conduit, electric wire, coating, package, bottle, injection moulded products, flexible pipes                     |
| Liquid Clorine<br>Caustic    | Oxytch<br>Zarmba | 42,000<br>84,000 | This unit produces liquid chlorine by a process of electrolytic analysis of the brine (salt solution) liquid chlorine packed in cylinders mostly used for the domestic water chlorination. This unit also produces caustic soda for various purposes. Hydrochloric acid and sodium Hypochlorite           |

Source: SCPI website

#### Organisational structure

The organisational structure of the companies is not publicly available.

#### Financial information

 <sup>&</sup>lt;sup>63</sup> STATE COMPANY FOR PETROCHEMICAL INDUSTRIES (pchem.gov.iq)
 <sup>64</sup> STATE COMPANY FOR PETROCHEMICAL INDUSTRIES (pchem.gov.iq)

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them. For further information, please visit the company website here.

#### State Company for Phosphate (SCP)

## Company profile and key activities



Founded in 1978, the SCP's main objective is to explore and mine phosphate deposits, as well as produce and transport phosphate ores for the production of phosphate fertilizers, compound fertilizers, and various by-products.

The company is specialized in extracting, crushing, transporting, concentrating and purifying phosphate ores, and manufacturing phosphate fertilizers of various types, intermediate and incidental products, as well as complementary industries necessary for the production of phosphate compounds, developing and expanding existing factories and production lines, and establishing projects and lines complementary to them. Purchasing and importing production requirements and any materials included in its production or need and marketing its production for local purposes or for export.<sup>65</sup>

## Organisational structure

The organisational structure of the companies is not publicly available.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company on <u>here</u>.

#### Mishraq Sulfur State Company

#### Company profile and key activities



The company was established in 1969 in Nineveh governorate. Sulfur production began around the end of 1971, which is extracted from the Mishraq field using the so-called Frasch method and from depths ranging between 120 and 200 metres.

This method relies on melting sulfur underground using hot water that is injected into the rock layer containing the sulfur using special wells. The molten sulfur is then extracted from the same wells with the help of compressed air. <sup>66</sup>

The company produces the following products:

- Pure sulfur
- Wet aluminium sulphate
- Agricultural sulfur

<sup>65</sup> https://www.phoco.industry.gov.iq/

<sup>66</sup> https://mishraq.industry.gov.iq/about

#### Sulfuric acid

## Key responsibilities and activities

FIGURE 23: MSSC KEY RESPONSIBILITIES

1. Production of refined sulfur in its main form and its various other types, in addition to the production of sulfuric acid, alum, and agricultural sulfur, as well as the production of local alternatives 2. Development and expansion of existing factories and production lines and Key establishment of complementary projects and lines responsabilities 3. Purchase and import of production supplies and any materials included in its production or need 4. Production marketing for local purposes or for export

## Organisational structure

The organisational structure of the companies is not publicly available. However, the responsibilities of each department of the company are described under 'Sections' field of the company's website.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website here.

## State Company for Iron and Steel (SCIS)

## Company profile and key activities



The State Company for Iron and Steel (SCIS) is one of the companies affiliated with the Ministry of Industry and Minerals. It is one of the public sector companies wholly owned by the state and the only company specialized in Iraq in its diversified production (reinforcement steel, sponge iron and spiralwelded iron pipes - and longitudinally welded iron pipes).

The company is located in Khor Al Zubair, at a distance of 45 km south of the centre of Basra Governorate, close to Umm Qasr, and is located on the tongue of Khor Al-Zubayr, which extends To the Arabian Gulf and at a distance of 7 km from the Khor Al Zubair Industrial Port in which the company owns three specialized berths for its activity by owning specialized equipment for importing Scrap iron and iron ores pellets (Iron Ore - Pellets) and export of the sponge iron product (DRI-Pellets).<sup>67</sup>

The major steps in the company's history are presented in the figure below:

FIGURE 24: MAIN STEPS IN THE SCIS HISTORY<sup>68</sup>

<sup>67</sup> STATE COMPANY FOR IRON AND STEEL (steel-iraq.gov.iq) 68 STATE COMPANY FOR IRON AND STEEL (steel-iraq.gov.iq)

1971

• Establishment of the State Company for Iron Pipes

1973

 MIM contract for the construction of a semi-integrated iron and steel plant in Khor Al Zubair.

1974

- Establishment of the State Company for Iron and Steel
- Two MIM contracts for the establishment of two sponge iron units, in addition to the first contract, and thus it became a name The project (integrated iron and steel)

1975

· MIM contract for the establishment of a vocational training center in Khor Al Zubair

1976

• MIM contract for the establishment of a limestone burning unit (Nura Factory)

• 1978

- The name of the company was changed to 'General Establishment for Iron and Steel Industries'
- The trial operation began The first continuous casting machine

1979

- The rolling line began to operate Light sectors in the rolling mill
- The public establishment was merged Iron and steel industries and the general facility for iron pipes in one facility in the name of the facility General Iron and Steel

1998

· Company name change to 'State Company for Iron and Steel'

2003

• The company stopped Completely from production due to the depreciation of its equipment and the conditions that accompanied the events of April 2003

2018

• Merger of the SCIS with the State Company for Engineering Support under the name of the 'State Company for Iron and Steel'

#### Organisational structure

The organisational structure of the SCIS is available in the company's website here.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website here.

## Iraqi Cement State Co. (ICSC)

#### Company profile and key activities



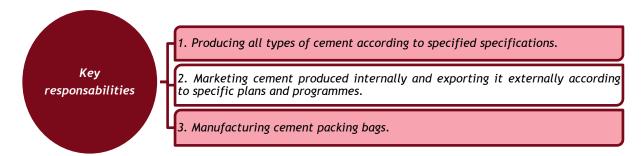
The ICSC was established as a public company in 1964 as a public cement company after the issuance of Public Companies Law No. 22 in 1997. Before that, the Iraqi General Cement Company consisted of three companies:

- the Iraqi Cement Company Limited that was established in 1936,
- the Al-Furat Cement Company that was established in 1957, and
- the United Cement Company that was established in 1958.69

## Key responsibilities and activities

The company's functions are defined as follows:

FIGURE 25: ICSC KEY RESPONSIBILITIES



## Plant sites and production capacity

The production capacity by plant site is detailed in the table below:

TABLE 32: ICSC PRODUCTION CAPACITY BY PLANT SITE<sup>70</sup>

| Plant name                     | Location | Founded st | oduction<br>art | Product type                              | Prod<br>lines | Capacity<br>(Ton/year) Implemented Company                                     | Manufacturing method |
|--------------------------------|----------|------------|-----------------|---|---------------|--|----------------------|
| Basra<br>Cement<br>Plant       | Basra    | 1974       | 1974            | Ordinary & salt resistant portland cement | 2             | 600,000 F.L.S. Denmark   | Grinding station     |
| Karbala<br>Cement<br>Plant     | Karbala  | 1981       | 1984            | Salt resistant portland cement            | 2             | 2,000,000 Krupp Polysius - German  | Dry method           |
| Kufa Cement<br>Plant           | Al Najaf | 1977       | 1984            | Ordinary portland cement                  | 4             | 2,000,000 F.L.S. Denmark   | Wet method           |
| Babil<br>Cement<br>Plant       | Babil    | 1955       | 1957            | Normal & salt resistant portland cement   | 2             | 200,000 Test company   | Test method          |
| Al Qaim<br>Cement<br>Plant     | Al Anbar | 1986       | 1989            | Sulphate resitant cement                  | 1             | 1,000,000 Eosin Export Romain  | Dry method           |
| Al Falluja<br>Cement<br>Plant  | Al Anbar | 1978       | 1984            | White Cement                              | 3             | 1st line: Krauss-Maffei<br>German<br>291,000<br>2nd & 3rd line: BKMI<br>German | Dry method           |
| Kubaisa<br>Cement<br>Plant     | Al Anbar | 1981       | 1983            | Ordinary portland cement                  | 2             | 2,000,000 Kawasaki, Japan  | Dry method           |
| Kirkuk<br>Cement<br>Plant      | Kirkuk   | 1981       | 1984            | Ordinary portland cement                  | 2             | 2,000,000 Kawasaki, Japan  | Dry method           |
| Al Muthanna<br>Cement<br>Plant | Muthanna | 1984       | 1985            | Salt resistant cement                     | 2             | 2,000,000 K.H.D Germany  | Dry method           |

<sup>69 &</sup>lt;u>https://icsc.gov.iq/about</u>70 <u>https://icsc.gov.iq/plants</u>

| Plant name                                   | Location | Founded | Production<br>start | Product type   | Prod<br>lines | Capacity<br>(Ton/year) Implemented Company        | Manufacturing method |
|--|----------|---------|---------------------|--|---------------|---|----------------------|
| Al Najaf<br>Cement<br>Plant                  | Al Najaf | 1975    | 1975                | Ordinary portland cement   | 1             | 156,000 ACC India                                 | Wet method           |
| Al Samawah<br>Cement<br>Plant                | Samawah  | 1984    | 1985                | Ordinary & Sulphate resisting portland cement  | 1             | 400,000 F.L.S. Denmark                            | Wet method           |
| Karbala<br>Cement &<br>Noora Plant           | Karbala  | 1981    | 1984                | Hydrated Lime - Hard<br>Quicklime - Soft Quicklime   | 2             | 200,000 Polymex Cekop - Poland                    | Dry method           |
| Alrafdin<br>Cement<br>Plant                  | Nineveh  | 1977    | 1978                | Ordinary portland cement   | 2             | 1,000,000 Krupp Polysius - Germany                | Dry method           |
| Badoush<br>Cement<br>Plant - New             | Nineveh  | 1977    | 1978                | Ordinary portland cement   | 2             | 1,000,000 Krupp Polysius - Germany                | Dry method           |
| Badoush<br>Cement<br>Plant -<br>Extension    | Nineveh  | 1983    | 1986                | Ordinary portland cement   | 1             | FCB - France IHI<br>1,000,000 Corporation - Japan | Wet method           |
| Al Hadbaa<br>Cement<br>Plant                 | Nineveh  | 1963    | 1973                | <ul> <li>Ordinary portland cement</li> <li>Sulphate resisting cement</li> <li>Low-alkali</li> <li>Ultra-soft, low alkali &amp; fast hardening sulphate resisting cement</li> </ul> |               | 225,000 FCB - France                              | Wet method           |
| Hammam Al<br>Alaeel<br>Cement<br>Plant - New | Nineveh  | 1977    | 1979                | Ordinary portland cement   | 1             | 400,000 FCB - France                              | Wet method           |
| Sinjar<br>Cement<br>Plant                    | Nineveh  | 1986    | 1988                | Ordinary portland cement   | 2             | UZINE-EXPORT-IMPORT -<br>2,000,000 Romania        | Dry method           |

## Organisational structure

The organisational structure of the companies is not publicly available. However, the responsibilities of each department of the company are described under 'Sections' field of the company's website.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website <u>here</u> or email the company <u>here</u>.

## State participation in the mining Midstream sector

## Iraq Geological Survey (GEOSURV-Iraq)

## Company profile and key activities



GEOSURV-Iraq is one of the facilities of the MoIM and is responsible for conducting geological surveys and mineral exploration, promoting mining projects in the private and public sectors, and conducting inter-impact studies.

GEOSURV is also responsible for implementing the Mineral Investment Law N°91 of 1988 (amended), which provides a variety of investment opportunities including investments in phosphate, free sulfur, sulfate, silica sand, red clay, brick clay, etc.

## **History**

The company's history is summarised in the figure below:

FIGURE 26: GEOSURV-IRAO HISTORY<sup>71</sup>



• Establishment of the 'Department of Geology' as one of the Ministry of Transport and Communications formations.



• The department was attached to the Ministry of Construction as the 'Department of Minerals and Mineral Industries'.



• The department was attached to the MIM as the 'Department of Geology and Mineral Survey'.



• Introduction of the 'Directorate of Geological Survey and Mineral Investigation' under the MIM.



· Directorate joined to the Iraqi Mineral Company.

1974

• Foundation of The State Directorate of Geological Survey and Mineral Investigation'.



• The Directorate was renamed to 'State Establishment of Geological Survey and Mineral Investigation'.

1998

• The establishment was renamed to the 'State Company of Geological Survey and Mining'.

2013

• The company was renamed to 'Iraq Geological Survey (GEOSURV)'

#### Key responsibilities

The main responsibilities of the company are detailed below:

FIGURE 27: GEOSURV-IRAQ KEY RESPONSIBILITIES

<sup>&</sup>lt;sup>71</sup> <u>History (geosurviraq.iq)</u>

Perform geological surveys and mineral explorations

Document the geological, mineral, hydrogeological, geophysical and geochemical data about the Republic of Iraq

Propagate for mineral investment and mining industry in Iraq through demonstrating and circulating information about mineral resources.

GEOSURV main activities Run workshops in order to keep up and develop its specialized cadre to raise personal abilities and increase the exchange of experiences with the public and private sectors.

Carry out laboratory analyses and tests in the field of GEOSURV specialization.

Apply the scientific approach in developing and upgrading the characteristics of Iraqi industrial rocks and mineral ores so as to match the requirements of mining industry and mineral resources usage in the industrial fields.

Support the regions and the governorates not incorporated into a region to have better understanding of their mineral resources and industrial rocks.

Carry out projects in its field of specialization outside Iraq under contract with the beneficiary or serve the international cooperation programs approved by the Federal Government with other countries.

Adhere to the comprehensive quality management requirements and work continuously on developing work procedures to keep pace with the international developments in the field of specialization.

#### **Studies**

Since its foundation, GEOSURV provided the following studies:

- Consultation studies to select some sites for tunnels, dams, reservoirs and power stations;
- Choosing the location of the nuclear power station;
- Study of soil and foundations for civil and industrial facilities and irrigation projects;
- Study of cavitations, subsidence, and subsidence areas of industrial and civil facilities;
- Selection of sites for sanitary landfilling of industrial waste;
- Study of buried archaeological sites.

## Organisational structure

The organisational structure of the companies is not publicly available. However, the responsibilities of each department of the company are described under 'Our departments' field of the company's website.

#### Financial information

Financial statements are not published on the company website. We have requested a copy of the 2021 audited financial statements but we have yet to receive them.

For further information, please visit the company website here or email the company here.

## j. Infrastructure provisions and barter arrangements

EITI Requirement 4.3 states that it should be considered whether there are any agreements or sets of agreements involving the provision of goods and services (including loans, grants and infrastructure works), in full or partial exchange for oil, gas or mining exploration or production concessions or physical delivery of such commodities.

None of the reporting entities declared any agreements or sets of agreements involving the provision of goods and services (including loans, grants and infrastructure works, in full or partial exchange for mining exploration or production concessions or physical delivery of such commodities during the data collection phase.

#### k. Artisanal mining

EITI Requirement 6.3.a requires implementing countries to disclose information about the contribution of informal sector activities, including but not necessarily limited to Artisanal and Small-Scale Mining (ASM).

## I. Sub-national payments

## **EITI Requirement**

Pursuant to the EITI Requirement 4.6 Subnational payments, the MSG is **required** to establish whether direct payments, within the scope of the agreed benefit streams, from companies to subnational government entities are material. Where material, the MSG is **required** to ensure that company payments to subnational government entities and the receipt of these payments are disclosed.

The MSG is **required** to agree a procedure to address data quality and assurance of information on subnational payments, in accordance with Requirement 4.9.

Some extractive companies make direct payments to subnational government entities, such as regional governments, municipalities and chiefdoms. Other extractive companies make payments directly to the central government which devices a revenue sharing mechanism that stipulate that a share of revenues collected by the central transferred to government is subnational government entities. While these payments may represent only a portion of revenues at the national level, they are often an important source of income for local governments. Transparency regarding these payments and transfers can be useful in holding local authorities to account.

EXTRACTIVE COMPANY

Extractive companies make payments directly to local government units (e.g., regional governments, local authorities), such as taxes, royalties or fees.

LOCAL GOVERNMENT UNITS (LGUs)

EITI implementation has shown strong demand from local communities to increase transparency around the allocation of such revenues, to ensure that revenues contribute to sustainable local development. In several countries, EITI reporting has led to changes in the applicable regulatory framework and helped local communities demand the share of revenues they are entitled to. EITI implementation can also help local governments track, manage, and disclose revenues more efficiently.

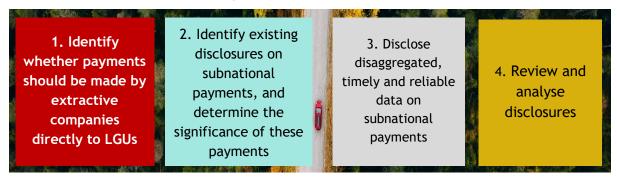
## Local government units

According to the International Monetary Fund, subnational governments, also known as local government units (LGUs), are "institutional units whose fiscal, legislative, and executive authority extends over the smallest geographical areas distinguished for administrative and political purposes. (...) The scope of their authority is generally much less than that of central government or state governments, and they may, or may not, be entitled to levy taxes on institutional units' resident in their areas. They are often heavily dependent on grants (transfers) from higher levels of government, and they may also act, to some extent, as agents of central or regional governments."<sup>72</sup>

#### Implementation process

The implementation of EITI Requirement 4.6 goes through the following four phases:

FIGURE 28: IMPLEMENTATION OF EITI REQUIREMENT 4.6



For further information, please refer to the Guidance Note on Subnational payments available here.

## Subnational payments in Iraq

There are no substantial payments made by companies to government entities at the subnational level.

#### m. Sub-national transfers

EITI Requirement 5.2 states that: "Where transfers between national and subnational government agencies are related to revenues generated by the extractive industries and are mandated by a national constitution, statute or other revenue sharing mechanism, the MSG is required to ensure that material transfers are disclosed. Implementing countries should disclose the revenue sharing formula, if any, as well as any discrepancies between the transfer amount calculated in accordance with the relevant revenue sharing formula and the actual amount that was transferred between the central government and each relevant subnational entity."

According to annual budget legislation, financial transfers are allocated locally within the federal general budget for each of the governorates in Iraq and the Kurdistan region. Additionally, the governorates receive allocations from the current and investment budgets. These transfers are of two types:

<sup>&</sup>lt;sup>72</sup> Source: IMF (2014), Government Finance Statistics Manual 2014, Paragraph 2.95, available <u>here</u>.

- Petrodollar Allocations; and
- Regions and Governorates' Development Allocations and Transfers (Funds).

## n. Social and environmental expenditure

Social expenditure consists of all contributions made by extractive entities to promote local development and to finance social projects in line with EITI Requirement 6.1. This Requirement encourages the multi-stakeholder groups to apply a high standard of transparency to social payments and transfers, the parties involved in the transactions and the materiality of these payments and transfers to other benefit streams, including the recognition that these payments may be reported even though it is not possible to reconcile them.

These contributions can be voluntary or mandatory and can be made in cash or in kind, depending on individual contracts. This category includes, inter alia infrastructures relating to health or education, road and farming projects related to the promotion of agriculture, as well as grants provided to the population.

Requirement 6.1 states that: 'Where material payments by companies to the government related to the environment are mandated by law, regulation or contract that governs the extractive investment, such payments must be disclosed.'

## Mandatory social expenditure

As per the article 11 of the State Companies Law No. 22 of 1997 (as amended), the only mandatory social expenditure in the mining sector is the **5**% payments made by profitable SOEs.

## o. Mining sector in the KRG

Iron, chromium, nickel, platinum, gold, copper, barite, and zinc are among the metals that have the highest potential for deposits in a 15-25 km broad mountainous belt that crosses the Kurdistan Region. It's possible that other parts of the Kurdistan Region have abundant supplies of gypsum, limestone, sand, clay, gravel, and evaporates.

In order to obtain or renew a gold workshop licence, the responsible entity is the Ministry of Planning and its divisions, namely the Board of Measurement and Quality Control and Directorate of Measurement and Quality Control.

The documents should be provided to obtain a gold workshop licence are the following:

- Personal Identity to ensure the applicant's (name, address, register and serial number of paperwork documents).
- Certificate of Iraqi Nationality to ensure the applicant's citizenship.
- 4 printed photos.
- Tax Clearance.
- Workplace Agreement.
- Affidavit.
- Labor's Unions Support Letter.
- Bank Support Letter.

#### Security Clearance.

Below are the conditions and procedures to follow for obtaining this license:

TABLE 33: CONDITIONS & PROCEDURES FOR OBTAINING MINING LICENSES IN KURDISTAN REGION

| Condition   | Procedures  |
|---|---|
| <ul> <li>•The applicant must be Iraqi and over 18 years old and is not employed by KRG.</li> <li>•If a professional only has a workshop license, he should not buy and sell cloth to citizens.</li> <li>•The holder of a workshop license may apply for a license to manufacture printed pounds.</li> <li>•Not a government employee.</li> <li>•The professional must have a business location.</li> <li>•Must have a letter of support from the jewelers union.</li> <li>•The employee must check income tax to ensure that he is not in debt and has paid taxes to the government □Collection of occupational and business taxes.</li> <li>•The servant must fill out an undertaking that he or she is in compliance with all textile guidelines.</li> <li>•The attendant must have a security clearance.</li> <li>•The licensee must work at his/her place of employment, except during illness and travel.</li> <li>•Her or his legal representative must be present when applying for the license, but the professional examination must be present in person→&gt;Private power of attorney / General Power of Attorney.</li> <li>•The licensee shall not re-let his license.</li> <li>•The license expires with the annual calendar and must be renewed between 2/1 and 31/5→ Renewal of workshop license.</li> </ul> | <ul> <li>Submitting initials and support letters as per gold act no. 112 of the year 1974.</li> <li>Granting Goldsmith workshop License.</li> <li>After returning the results of the field inspection committee, he will visit the license room again, in order to prepare a letter to the Income Tax Directorate and the Security Directorate of the Economic Department according to geographical location.</li> <li>After returning the approval letters by telephone, the employee (professional) will be notified on the day of the jewelry professional examination to appear in order to conduct the jewelry professional examination in theory and practice (practical and theoretical).</li> <li>After passing the professional examination, the tradesman is sent to the accounting room for the purpose of paying the fees for issuing his license.</li> <li>Then returns a copy of the fee receipt to the textile license room for the purpose of preparing the license and signing it by the director of the license department.</li> <li>Then visits the office manager for the final signature on the license and visits the license room again to return his case.</li> </ul> |

Source: MNR website

## 3.3. Governance indices

The World Bank published the Worldwide Governance Indicators (WGI) updated in 2023.<sup>73</sup> The WGI are produced by Daniel Kaufmann from the Natural Resource Governance Institute (NRGI) and Brookings Institution and Aart Kraay from the World Bank Development Research Group.

Indicators are a research dataset summarising the views on the quality of governance provided by many enterprises, citizen, and expert survey respondents in industrial and developing countries. These data are gathered from several survey institutes, think tanks, non-governmental organisations, international organisations, and private sector firms. The WGI do not reflect the official views of the Natural Resource Governance Institute, the Brookings Institution, the World Bank, its Executive Directors, or the countries they represent.

The following table defines each of the Indices.

TABLE 34: DEFINITION OF THE WB GOVERNANCE INDICATORS

| N | l° Indices               | Description  |
|---|--------------------------|--|
| 1 | Control of<br>Corruption | Reflects perceptions of the extent to which public power is exercised for private gain, including both petty and grand forms of corruption, as well as "capture" of the state by elites and private interests. |

<sup>73</sup> https://www.worldbank.org/content/dam/sites/govindicators/doc/wgidataset.xlsx

| N' | 'Indices                                | Description  |
|----|---|--|
| 2  | Voice and<br>Accountability             | Reflects perceptions of the extent to which a country's citizens can participate in selecting their government, as well as freedom of expression, freedom of association, and a free media.  |
| 3  | Political<br>Stability - No<br>Violence | Measures perceptions of the likelihood of political instability and/or politically motivated violence, including terrorism.  |
| 4  | Government<br>Effectiveness             | Reflects perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies. |
| 5  | Regulatory<br>Quality                   | Reflects perceptions of the ability of the government to formulate and implement sound policies and regulations that permit and promote private sector development.  |
| 6  | Rule of Law                             | Reflects perceptions of the extent to which agents have confidence in and abide by the rules of society, and in particular the quality of contract enforcement, property rights, the police, and the courts, as well as the likelihood of crime and violence.                    |

Source: World Bank (WB)

Table below shows that Iraq is ranked amongst the lowest nations when it comes to good governance with limited improvement between 2012 and 2021.

TABLE 35: IRAQI'S WGI

|    |                             |                    | 2021       |                     | 2012               |           |                     |  |
|----|-----------------------------|--------------------|------------|---------------------|--------------------|-----------|---------------------|--|
| N° | Indices                     | Highest<br>country | Iraq       | Lowest<br>country   | Highest<br>country | Iraq      | Lowest<br>country   |  |
|    | 6                           | Denmark            | Rank 193   | South Sudan         | Denmark            | Rank 194  | Somalia             |  |
| 1  | Control of<br>Corruption    | Rank 1             | Score = 9  | Rank 211            | Rank 1             | C 0       | Rank 212            |  |
|    |                             | Score = 100        | 3C01e = 9  | Score = 0           | Score = 100        | Score = 9 | Score = 0           |  |
|    | Voice and                   | Norway             | Rank 163   | Korea, Dem.<br>Rep. | Norway             | Rank 179  | Turkmenistan        |  |
| 2  | Accountability              | Rank 1             | Score = 22 | Rank 208            | Rank 1             | Score =   | Rank 214            |  |
|    |                             | Score = 100        | Score = 22 | Score = 0           | Score = 100        | 16        | Score = 0           |  |
|    | Political                   | Greenland          | Rank 209   | Somalia             | Greenland          | Rank 202  | Somalia             |  |
| 3  | Stability - No              | Rank 1             | Score = 2  | Rank 213            | Rank 1             | Score = 5 | Rank 212            |  |
|    | Violence                    | Score = 100        | 3C01e = 2  | Score = 0           | Score = 100        | Score = 5 | Score = 0           |  |
|    |                             | Singapore          | Rank 191   | South Sudan         | Finland            | Rank 181  | Somalia             |  |
| 4  | Government<br>Effectiveness | Rank 1             | Score = 10 | Rank 211            | Rank 1             | Score = 9 | Rank 212            |  |
|    |                             | Score = 100        |            | Score = 0           | Score = 100        |           | Score = 0           |  |
| _  | Regulatory                  | Singapore          | Rank 186   | Korea, Dem.<br>Rep. | Singapore          | Rank 186  | Korea, Dem.<br>Rep. |  |
| 5  | Quality                     | Rank 1             | C 12       | Rank 211            | Rank 1             | Score =   | Rank 212            |  |
|    |                             | Score = 100        | Score = 12 | Score = 0           | Score = 100        | 12        | Score = 0           |  |
|    |                             | Finland            | Rank 204   | Venezuela           | Norway             | Rank 209  | Somalia             |  |
| 6  | Rule of Law                 | Rank 1             |            | Rank 211            | Rank 1             |           | Rank 214            |  |
|    |                             | Score = 100        | Score = 3  | Score = 0           | Score = 100        | Score = 2 | Score = 0           |  |

Source: WB

# 3.4. Corruption Perceptions Index

The Corruption Perceptions Index (CPI) is an index which ranks countries by their perceived levels of corruption, as determined by expert assessments and opinion surveys. The CPI generally

defines corruption as an "abuse of entrusted power for private gain". The index is published annually by the non-governmental organisation Transparency International (TI) since 1995.

The CPI uses a scale from 0 (highly corrupt) to 100 (very clean).

The 2022 CPI, published in January 2023, ranked Iraq at the 157<sup>th</sup> place out of 180 countries with a score of 23 out of 100. Denmark, Finland, New Zealand, Norway, Singapore, and Sweden are perceived as the least corrupt nations in the world, ranking consistently high among international financial transparency, while the most apparently corrupt are Somalia (scoring 12), Syria and South Sudan (both scoring 13).

The global average remains unchanged for over a decade at just 43 out of 100. More than twothirds of countries score below 50, while 26 countries have fallen to their lowest scores yet. Despite concerted efforts and hard-won gains by some, 155 countries have made no significant progress against corruption or have declined since 2012.

The CPI is available on TI website here.

The table below shows limited improvement between 2012 and 2022 although the score remains below 50.

TABLE 36: EVOLUTION OF CPI BETWEEN 2012 AND 2022

| Indice | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | CAGR  |
|--------|------|------|------|------|------|------|------|------|------|------|------|-------|
| СРІ    | 18   | 16   | 16   | 16   | 17   | 18   | 18   | 20   | 21   | 23   | 23   | 2.48% |

## 3.5. Resource Governance Index

The Resource Governance Index (RGI) assesses how resource-rich countries govern their oil, gas, and mineral wealth. The index composite score is made up of three components:

- value realization;
- revenue management; and
- enabling environment.

These three overarching dimensions of governance consist of 14 subcomponents, which comprise 54 indicators calculated by aggregating 133 questions and external data.

Independent researchers, overseen by the Natural Resource Governance Institute (NRGI), complete a questionnaire to gather primary data on value realization and revenue management. For the third component, the RGI draws on external data from over 20 international organisations.

Iraq's overall weak performance in the 2017 index is a result of a failing enabling environment with a score of 16 of 100 points and rank 81st among 89 assessments. Iraq's performance across the extractive sector value chain ranges between 73 of 100 points in taxation to 33 of 100 points in local impact. The full analysis is available here.

# 3.6. Beneficial ownership

As of 1 January 2020, the EITI Standard prescribes "that implementing countries request, and companies disclose, beneficial ownership (BO) information for inclusion in the EITI Report. This applies to corporate entity(ies) that apply for or hold a participating interest in an exploration or production oil, gas or mining license or contract and should include the

identity(ies) of their beneficial owner(s), the level of ownership and details about how ownership or control is exerted. (Requirement 2.5 (c)."

## a. Beneficial ownership (BO) road map

According to the EITI Requirement 2.5 (a): It is recommended that implementing countries maintain a publicly available register of the beneficial owners of the corporate entity(ies) that apply for or hold a participating interest in an exploration or production oil, gas or mining license or contract, including the identity(ies) of their beneficial owner(s), the level of ownership and details about how ownership or control is exerted. Where possible, beneficial ownership information should be incorporated in existing filings by companies to corporate regulators, stock exchanges or agencies regulating extractive industry licensing. Where this information is already publicly available, the EITI Report should include guidance on how to access this information.

Implementing countries are required to document the government's policy and MSG's discussion on disclosure of BO. This should include details of the relevant legal provisions, actual disclosure practices and any reforms that are planned or underway related to BO disclosure.

The Iraqi Road map is available here.

TABLE 37: DEFINITION OF BO AND PEP

| Terms     | Definition   |  |  |  |  |  |
|-----------|--|--|--|--|--|--|
| во        | BO refers to the natural person(s) who ultimately owns or controls a company and/or the natural person on whose behalf a transaction is being conducted. It also includes those persons who exercise ultimate effective control over a legal person or arrangement. Reference to "ultimately owned or controlled" and "ultimate effective control" refer to situations in which ownership/control is exercised through a chain of ownership or by means of control other than direct control.  |  |  |  |  |  |
| Threshold | Directly or indirectly (e.g., through a chain of entities) 5% or more of the shares or voting rights of an entity.   |  |  |  |  |  |
| PEP       | The comprehensive PEP definition below as mentioned in the Anti-Money Laundering Act 2012 has been adopted: "Persons holding prominent public positions domestically or in a foreign country such as heads of state or government, senior politicians at national level, senior government, judicial, military or party officials at national level, or senior executives of state-owned enterprises of national importance, or individuals or undertakings identified as having close family ties or personal or business connections to such persons." |  |  |  |  |  |

## b. Beneficial ownership reporting

The MSG should assess any existing mechanisms for assuring the reliability of BO information and agree an approach for corporate entities within the scope of EITI Requirement 2.5(c) to assure the accuracy of the BO information they provide. This could include requiring companies to attest the BO declaration form through sign-off by a member of the senior management team or senior legal counsel or submit supporting documentation.

To comply with Requirement 2.5 (C) for collecting information about the BO of the extractive companies operating in Iraq for the 2020/21 EITI report, the MSG agreed to maintain the definition of BO and PEP as adopted by the BO working group.

# 3.7. Sub-national payments (EITI Requirement 4.6)

## a. EITI Requirement

Pursuant to the EITI Requirement 4.6 Subnational payments, the MSG is **required** to establish whether direct payments, within the scope of the agreed benefit streams, from companies to subnational government entities are material. Where material, the MSG is **required** to ensure that company payments to subnational government entities and the receipt of these payments are disclosed.

The MSG is **required** to agree a procedure to address data quality and assurance of information on subnational payments, in accordance with EITI Requirement 4.9.

Some extractive companies make direct payments to sub-national government entities, such as regional governments, municipalities, and chiefdoms. Other extractive companies make payments directly to the central government which devices a revenue sharing mechanism that stipulate that a share of revenues collected by the central government is transferred to subnational government entities. While these payments may represent only a portion of revenues at the national level, they are often an important source of income for local governments. Transparency regarding these payments and transfers can be useful in holding local authorities to account.

FIGURE 29: SUBNATIONAL PAYMENTS



EITI implementation has shown strong demand from local communities to increase transparency around the allocation of such revenues, to ensure that revenues contribute to sustainable local development. In several countries, EITI reporting has led to changes in the applicable regulatory framework and helped local communities demand the share of revenues they are entitled to. EITI implementation can also help local governments track, manage and disclose revenues more efficiently.

## b. Local government units

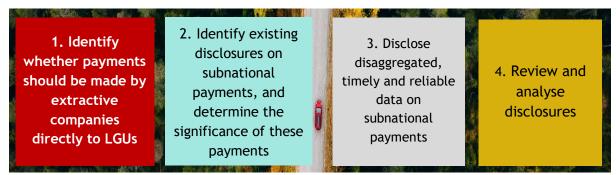
According to the International Monetary Fund, subnational governments, also known as local government units (LGUs), are "institutional units whose fiscal, legislative, and executive authority extends over the smallest geographical areas distinguished for administrative and political purposes. The scope of their authority is generally much less than that of central government or state governments, and they may, or may not, be entitled to levy taxes on institutional units' resident in their areas. They are often heavily dependent on grants

(transfers) from higher levels of government, and they may also act, to some extent, as agents of central or regional governments."<sup>74</sup>

## c. Implementation process

The implementation of EITI Requirement 4.6 go through the following four phases:

FIGURE 30: IMPLEMENTATION OF EITI REQUIREMENT 4.6



For further information, please refer to the Guidance Note on Sub-national payments available here.

## d. Sub-national payments in Iraq

We are aware of sub-national payments made by extractive companies operating in Iraq. However, we have asked reporting entities such payments if any.

# 3.8. Sub-national transfers (EITI Requirement 5.2)

Pursuant to the EITI Requirement 5.2 Sub-national transfers, where transfers between national and sub-national government entities are related to revenues generated by the extractive industries and are mandated by a national constitution, statute or other revenue sharing mechanism, the MSG is required to ensure that material transfers are disclosed. Implementing countries should disclose the revenue sharing formula, if any, as well as any discrepancies between the transfer amount calculated in accordance with the relevant revenue sharing formula and the actual amount that was transferred between the central government and each relevant subnational entity.

Further information on subnational transfers is provided in the EITI Guidance note, here.

#### a. Petrodollar

Petrodollar allocations are calculated as follows:

- 5% of the crude oil revenues produced in the governorate; or
- 5% of the refined oil revenues prepared in the governorate refineries; or
- 5% of the natural gas revenues produced in the governorate.

According to the Law, each governorate has the discretion to select from the revenue producing methods above.

<sup>&</sup>lt;sup>74</sup> Source: IMF (2014), Government Finance Statistics Manual 2014, Paragraph 2.95, available <u>here</u>.

The volumes of crude oil produced, refined, and gas produced are provided by the MoO - Technical Directorate, and are verified by the relevant national oil companies.

The disclosed quantities are then sent to the regulatory departments of the related producing governorates, for audit and matching purposes. In case differences are identified, the MoO is contacted to address such differences and to work on reaching final quantities to be reported to the committee formed under the Executive Order No. 9048 of 19 July 2018 for the purpose of validating the petrodollar calculation.

The MoF, the MoO and the Ministry of Planning are informed of the calculations and are provided with statements showing the volumes sold from crude oil, refined oil or gas produced, for each producing governorate and according to the respective revenue producing method selected by the governorates.

## b. Governorates' Development Program

The purpose of the Governorate Development Program is to finance the reconstruction projects of all governorates in Iraq, including those within the KRG. The Federal Budget Act determines an amount for the Governorate's Development Program, which is distributed to the governorates in accordance with an estimate of the population of each governorate.

As stipulated in the Federal Budget Act for 2017, the governor in each governorate must submit a development plan for the governorate to the Ministry of Planning 'MoP' (including its districts and sub-districts), approved by the provincial council. The MoP assesses and approves the submitted plans, taking into consideration the most affected areas within the governorate. Once the MoP approves the plan, the allocations are distributed internally by the governorates based on districts and sub-districts' relative population size, after setting aside amounts allocated for strategic projects that benefit more than one area or district, given that strategic projects costs do not exceed 20% of the total GDP allocation to the province/governorate.

According to the MoF, no allocations were made to the KRG governorates during 2016 and 2017, as no plans were submitted by the KRG governorates to the MoP.

# 4. SCOPE OF THE NRTC REPORT

# 4.1. Reporting periods

The NRTC process covers two extractive sectors in Iraq: mining and oil & gas. To date eleven EITI Reports have been published covering the period from 1 January 2009 until 31 December 2020.

This inception report relates to the twelfth EITI Report for the year 2021 covering the period from 1 January 31 December 2021.

# 4.2. Level of disaggregation

Requirement 4.7 of the 2019 EITI Standard states that: 'It is required that EITI data is disaggregated by individual project, by company, by government agency and by revenue stream'.

We recommend to the MSG agreed that the EITI data be disaggregated by extractive company, by government agency, by revenue stream and by project.

The specific revenue streams to the extractive sector (oil & gas and mining) should be levied and/or imposed based on petroleum licenses and mining agreements and should therefore be disaggregated as such.

# 4.3. Government Agencies and State-Owned Enterprises

We recommend to the MSG asking 11 government agencies and 17 State-Owned Enterprises to disclose the revenues received from extractive companies, contextual data related the exploration, production, exports, state participation, infrastructure provisions and barter agreements, environmental and social expenditure, and employment as required by the 2019 EITI Standard.

# 4.4. Extractive Companies

#### Oil and gas sector

Due to the lack of information mainly from the Ministry of Finance and SOMO, we have included all international oil companies (IOCs) in the reporting process regardless any materiality threshold.

## 4.5. Other information in line with the EITI Standard

We recommend to the MSG including the following information in the scope of the 2021 NRTC report as required by the EITI Standard:

- Legal framework and fiscal regime (EITI Requirement 2.1).
- Contract and license allocations (EITI Requirement 2.2).
- Register of licenses (EITI Requirement 2.3).
- Government's policy on disclosure of contracts and licenses (EITI Requirement 2.4).

- Beneficial ownership (EITI Requirement 2.5).
- State participation in the extractive industries (EITI Requirement 2.6).
- An overview of the extractive industries, including any significant exploration activities (EITI Requirement 3.1).
- Production data (EITI Requirement 3.2).
- Export data (EITI Requirement 3.3).
- Infrastructure provisions and barter arrangements (EITI Requirement 4.3)
- Transportation revenues (EITI Requirement 4.4).
- Environmental expenditure by extractive companies (EITI Requirement 6.1).
- Subnational payments (EITI Requirement 4.6).
- Sub-national transfers (EITI Requirement 5.2).
- Social expenditure by extractive companies (EITI Requirement 6.1).
- Quasi-fiscal expenditure (EITI Requirement 6.2).
- Distribution of revenues from the extractive industries (EITI Requirement 5.1); and
- Contribution of the extractive industries to the economy (EITI Requirement 6.3).

#### 4.6. Production

According to EIA figures, Iraq's energy production is estimated to 9.24 quadrillion Btu, the fifth largest in Middle East and fourteenth worldwide.<sup>75</sup>

The following table shows top 20 largest energy producers worldwide:

TABLE 38: TOP 20 LARGEST ENERGY PRODUCERS

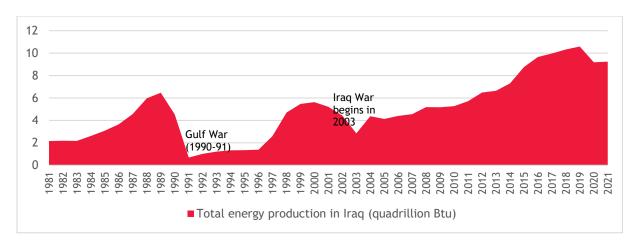
| N° | Country      | Energy production 2021 (quadrillion Btu) |
|----|--------------|--|
| 1  | China        | 134.96                                   |
| 2  | USA          | 98.34                                    |
| 3  | Russia       | 64.10                                    |
| 4  | Saudi Arabia | 26.59                                    |
| 5  | Canada       | 23.41                                    |
| 6  | India        | 18.99                                    |
| 7  | Australia    | 18.01                                    |
| 8  | Iran         | 16.70                                    |
| 9  | Indonesia    | 16.27                                    |
| 10 | Brazil       | 11.88                                    |

| N° | Country      | Energy production 2021 (quadrillion Btu) |
|----|--------------|--|
| 11 | UAE          | 10.09                                    |
| 12 | Qatar        | 9.88                                     |
| 13 | Norway       | 9.70                                     |
| 14 | Iraq         | 9.24                                     |
| 15 | Kazakhstan   | 7.26                                     |
| 16 | Algeria      | 6.66                                     |
| 17 | Kuwait       | 6.55                                     |
| 18 | Mexico       | 5.87                                     |
| 19 | South Africa | 5.30                                     |
| 20 | Nigeria      | 5.15                                     |

The following chart shows the evolution of Iraq's energy production between 1980 and 2021. The lowest production was 0.69 quadrillion Btu in 1991 due to the Gulf War while the highest year was 2019 when production reached a record level of 10.59 quadrillion Btu.<sup>76</sup>

<sup>75</sup> https://www.eia.gov/international/analysis/country/IRQ

<sup>&</sup>lt;sup>76</sup> Chart prepared using Historic figures published by EIA



The following table displays the petrodollar allocations according to the federal budget (at the time of approval) provided by the Ministry of Planning, noting that the Ministry of Finance did not make any actual transfers from the amounts allocated to the governorates and regions during 2017:

#### Recommendation to the MSG

In order to comply with EITI Requirement 5.2, we suggest to the MSG adopting the following measures:

| Reporting entity | Suggested requirements  |
|------------------|---|
| МоР              | Disclose the budgeted petrodollar allocations to the governorates and regions during for 2021 and 2022. |
| MoF              | Disclose the actual petrodollar allocations made to the governorates and regions in 2021 and 2022.      |

The IA would investigate any potential discrepancies between the budgeted amounts and the actual transfers.

# 4.7. Social and environmental expenditures (EITI Requirement 6.1)

Social and environmental expenditures are detailed in section 6.1 of the EITI Standard. Furthermore, the EITI International Secretariat (IS) issued a <u>guidance note</u> in February 2021 providing further details on how to meet this requirement.

According to the guidance note, social and environmental expenditures - either in-kind or cash - are a form of contribution from companies with the aim of supporting social development or to account for potential environmental impact. In some cases, these social or environmental expenditures are based on legal or contractual obligations. In other cases, companies make voluntary social or environmental contributions.

These contributions can be made to central, regional or local governments, communities, non-governmental organisations or other third parties.

## a. Mandatory social expenditures

There are two types of mandatory social expenditures (MSE) in Iraq, which are the following:

| Ν° | Mandatory social expenditures   | Legal basis  |
|----|---|--|
| 1  | IOCs are required to pay an annual amount of up to USD 5 million per service contract, as social benefits to the areas surrounding fields and exploration blocks in which they operate. These expenses are to be recorded under the contractors' recoverable petroleum costs, and are therefore, reimbursed to the contractor. IOCs should liaise with the local governorates and national oil companies when spending the social payments. | Committee) Resolution Number 139 of 23 December 2013.                  |
| 2  | SOEs are required to pay <b>5</b> % of their net profit on social projects according to the allocation in the Figure below.   | Article 11 of the Public Companies<br>Law No. 22 of 1997 (as amended). |

FIGURE 31: ALLOCATION KEYS OF SOES' MSE

| 25%                   | 20%                                     | 20%  |
|-----------------------|---|--|
| Health Insurance Fund | Social Security Fund                    | MoO Guest House (12%)<br>Oil Cultural Center (8%)              |
| 5%                    | 15%                                     | 15%  |
| Iraqi sports clubs    | Residential investment projects in Iraq | various social initiatives (e.g construction of schools, etc.) |

## b. Voluntary social expenditures

Voluntary social expenditures (VSE) are social expenditures made at the discretion of the IOCs. These payments are non-recoverable expenditures, which are referred to in the service contracts (Annex C) as "any costs, charges or expenses including donations relating to public relations or enhancement of Contractor's corporate image and interests".

## c. Environmental expenditures

#### Recommendation to the MSG

In order to comply with EITI Requirement 6.1, we suggest to the MSG adopting the following data quality assurance measures:

| Reporting<br>entity | Suggested requirements   |
|---------------------|--|
| SOEs                | <ul> <li>Disclose the mandatory social expenditures (In-kind / cash) made in 2021 and 2022.</li> </ul> |
|                     | <ul> <li>Disclose the voluntary social expenditures (In-kind / cash) made in 2021 and 2022.</li> </ul> |
| IOCs                | <ul> <li>Disclose the mandatory social expenditures made in 2021 and 2022.</li> </ul>                  |
|                     | <ul> <li>Disclose the voluntary social expenditures (In-kind / cash) made in 2021 and 2022.</li> </ul> |

# 4.8. Quasi-fiscal expenditures (EITI Requirement 6.2)

The EITI Standard defines quasi-fiscal expenditures (QFE) as the arrangements whereby SOEs undertake public social expenditure such as payments for social services, public

infrastructure, fuel subsidies and national debt servicing, etc. outside of the national budgetary process. Implementing countries and MSGs may wish to take the International Monetary Fund (IMF)'s definition of quasi-fiscal expenditures into account when considering whether expenditures are considered quasi-fiscal.

According to the IMF QFE may be conducted by the central bank, public financial institutions, and nonfinancial public enterprises. In contrast to explicit fiscal activities, quasi-fiscal activities are often introduced by simple administrative decision, are not recorded in budgets or budget reporting, and typically escape legislative and public scrutiny. They are introduced by governments to achieve a variety of objectives, such as promoting certain activities, redistributing income or collecting revenue.<sup>77</sup>

The following table presents a listing of different types of quasi-fiscal activities. 78

TABLE 39: TYPES OF QUASI-FISCAL ACTIVITY

#### Types of Quasi-Fiscal Activity

- Operations related to the financial system.
- Subsidized lending

Administered lending rates Preferential rediscounting practices Poorly secured and subpar loans Loan guarantees.

- Under remunerated reserve requirements
- Credit ceilings
- Rescue operations
- Operations related to the exchange system.
- Multiple exchange rates
- Import deposits.
- Deposits on foreign asset purchases
- Exchange rate guarantees
- Subsidized exchange risk insurance
- Operations related to the commercial enterprise sector.
- Charging less than commercial prices
- Provision of non-commercial services (e.g., social services)
- Pricing for budget revenue purposes
- Paying above commercial prices to suppliers

# 4.9. Data quality and assurance (EITI Requirement 4.9)

#### a. SOEs

External audit practices

<sup>77</sup> IMF - Manual on Fiscal Transparency, Section II.70 <a href="https://www.imf.org/external/np/fad/trans/manual/sec02a.htm">https://www.imf.org/external/np/fad/trans/manual/sec02a.htm</a>

<sup>78</sup> https://www.imf.org/external/np/fad/trans/manual/sec02a.htm

SOEs in federal Iraq maintain and report their accounts in accordance with the Unified Accounting System (UAS). They are audited by the Federal Board of Supreme Audit, in accordance with Law No. 31 of 2011 Law of The Board of Supreme Audit (FBSA) (as amended).

The FBSA undertakes audit programs prepared in accordance with local accounting principles issued by the Council of Auditing and Accounting Standards of the Republic of Iraq. The details are available on the NRTC website, <a href="here">here</a>.

In addition to the audits conducted by the board, the Board of Supreme Audit also provides technical assistance in the fields of accounting, oversight, and administration to SOEs (as per Article 6 of Law No. 31 of 2011).

#### Internal Controls

Internal controls adopted by SOEs include internal audit and control establishments, which operate in accordance with independently prepared work plans and mechanisms. In conducting their audits, the internal audit functions rely on activity- specific laws and regulations issued by the Council of Auditing and Accounting Standards of the Republic of Iraq. At year-end, financial statements are prepared by the financial departments, after they are audited and validated by the respective internal control functions, and the Internal Control Department at the ministry site. After completing their preparation, in accordance with the requirements of the Federal Board of Supreme Audit, the financial statements are presented to the Board of Supreme Audit to express its opinion on the financial statements.

#### b. Government Agencies

State offices and governmental entities that deal with the public wealth in taxing, expending, planning, exchanging, trading, or service producing are subjected to the financial control.<sup>79</sup>

Accordingly, the Federal Board of Supreme Audit conducts audit programs on the final accounts of the government agencies.

#### c. IOCs

IOCs operating in Iraq under licensing rounds contracts are required by the terms of their contracts to establish and maintain a branch office in Iraq and to maintain such office for the term of the contract. Entities registered in Federal Iraq are required to prepare annual financial statements in accordance with Iraqi Uniform Accounting Standards (UAS), which are audited by an external auditor.

In addition to the audited financial statements of the IOCs, special purpose financial statements for each field are prepared in accordance with the terms of the service contracts and are audited by external auditors in accordance with International Standards on Auditing (ISA).

#### Recommendation to the MSG

<sup>79</sup> https://www.fbsa.gov.iq/en/page/scope-of-work

In order to comply with EITI Requirement 4.9, we suggest to the MSG adopting the following data quality assurance measures:

| Reporting entity    | Suggested requirements   | Suggested alternative requirements   |
|---------------------|--|--|
|                     | <ul> <li>Provide a copy of their audited<br/>accounts for 2021 and 2022.</li> </ul>  | <ul> <li>Provide the final accounts signed by<br/>the Internal Audit Committee and<br/>Board of Directors.</li> </ul>                        |
| SOEs                | <ul> <li>Provide completed reporting<br/>templates stamped and signed by the<br/>company representative (senior<br/>manager) and the Finance/Tax<br/>officer.</li> </ul>           |  |
| Government agencies | <ul> <li>Provide completed reporting<br/>templates stamped and signed by the<br/>government agency representative<br/>(senior manager) and the<br/>Finance/Tax officer.</li> </ul> |  |
|                     | <ul> <li>Provide a copy of their audited financial statements.</li> </ul>  | <ul> <li>Provide a copy of the special purpose<br/>financial statements for the fields,<br/>signed by the field external auditor.</li> </ul> |
| IOCs and IOBs       | <ul> <li>Provide completed reporting<br/>templates stamped and signed by the<br/>company representative (senior<br/>manager) and the Finance/Tax<br/>officer.</li> </ul>           |  |

## **5. RECOMMENDATIONS**

This section shows the progress the MSG made towards the implementation of the previous 24 recommendations from both the second validation report<sup>80</sup> (published in October 2019) and the latest NRTC Report<sup>81</sup> (published in June 2022).

| EITI Requirement  | Latest<br>validation<br>report (EITI IS) | Previous<br>EITI<br>Report | Total |
|---|--|----------------------------|-------|
| 4.1 Comprehensive disclosure of taxes and revenues                | 1  | 4                          | 5     |
| 6.1 Social and environmental expenditures by extractive companies | 1  | 2                          | 3     |
| 2.6 State participation   | 1  | 1                          | 2     |
| 4.5 Transactions related to SOEs                                  | 1  | 1                          | 2     |
| 1.2 Company engagement  | 1  |                            | 1     |
| 1.4 Multi-stakeholder group                                       | 1  |                            | 1     |
| 1.5 Work plan   | 1  |                            | 1     |
| 2.4 Contracts   |  | 1                          | 1     |
| 2.5 Beneficial ownership  |  | 1                          | 1     |
| 3.3 Exports   |  | 1                          | 1     |
| 4.7 Level of disaggregation                                       | 1  |                            | 1     |
| 4.9 Data quality and assurance                                    | 1  |                            | 1     |
| 6.2 Quasi-fiscal expenditures.                                    |  | 1                          | 1     |
| 7.1 Public debate   | 1  |                            | 1     |
| 7.3 Recommendations from EITI implementation                      | 1  |                            | 1     |
| 7.4 Review the outcomes and impact of EITI implementation         | 1  |                            | 1     |
| Total   | 12                                       | 12                         | 24    |

<sup>80</sup> https://eiti.org/board-decision/2019-56 eiti.org/sites/default/files/2023-01/doc-1232-2022\_12\_15\_11\_48\_01.pdf

## ANNEXES

# Annex 1: Details of data submission

### DETAILS BY GOVERNMENT AGENCY

| N° | GA   | Sector               | Request<br>date | AR         | Receipt<br>date |
|----|--|----------------------|-----------------|------------|-----------------|
| 1  | Ministry of Industry and Minerals (MoIM)<br>وزارة الصناعة و المعادن  | Mining               | 24/09/2023      | 30/10/2023 | 11/09/2023      |
| 2  | Central Bureau of Statistics / Ministry of<br>Planning<br>وزارة التخطيط الجهاز المركزي للإحصاء                     | Oil & Gas and Mining | 24/09/2023      | 25/09/2023 | 25/09/2023      |
| 3  | Ministry of Oil (MoO) / Petroleum Contracts<br>and Licensing Department (PCLD)<br>دائرة العقود والتراخيص البترولية | Oil & Gas            | 24/09/2023      | 06/11/2023 | 14/11/2023      |
| 4  | Ministry of Oil (MoO) / Technical Directory<br>الدائرة الفنية  | Oil & Gas            | 24/09/2023      | 29/10/2023 |                 |
| 5  | وزارة البيئة (MoE) Ministry of Environment   | Oil & Gas and Mining | 24/09/2023      | 29/10/2023 |                 |
| 6  | وزارة المالية Ministry of Finance (MoF)  | Oil & Gas and Mining | 24/09/2023      | 30/10/2023 |                 |
| 7  | البنك المركزي العراقي (Central Bank of Iraq (CBI)  | Oil & Gas and Mining | 24/09/2023      | 30/10/2023 |                 |
| 8  | وزارة الكهرباء Ministry of Electricity   | Oil & Gas and Mining | 24/09/2023      | 30/10/2023 |                 |
| 9  | Ministry of Oil (MoO) / Economic and<br>Financial Directory<br>الدائرة الاقتصالية و المالية                        | Oil & Gas            | 24/09/2023      |            |                 |
| 10 | Ministry of Natural Resources (MNR) -<br>Kurdistan Regional Government (KRG)                                       | Oil & Gas and Mining | 05/11/2023      |            |                 |
| 11 | ديوان (FSAB) ديوان (FSAB) ديوان الرقابة المالية الاتحادي   | Oil & Gas and Mining |                 |            |                 |
| 12 | Ministry of Oil (MoO) / Reservoirs and Field<br>Development Department منائرة المكامن و تطوير<br>الحقول            | Oil & Gas            |                 |            |                 |

### DETAILS BY STATE-OWNED ENTERPRISES

| N° | SOE   | Sector    | Request<br>date | AR         | Receipt date |
|----|---|-----------|-----------------|------------|--------------|
| 1  | شركة نفط ذي قار (Thi-Qar Oil Company (TQOC)                             | Oil & Gas | 24/09/2023      | 30/10/2023 | 10/10/2023   |
| 2  | شركة نفط الوسط (MdOC) شركة نفط الوسط                                    | Oil & Gas | 24/09/2023      | 26/10/2023 | 26/10/2023   |
| 3  | Morth Gas Company (NGC) شركة غاز الشمال                                 | Oil & Gas | 24/09/2023      | 30/10/2023 | 03/11/2023   |
| 4  | State Oil Marketing Organisation (SOMO)                                 | Oil & Gas | 24/09/2023      | 30/10/2023 |              |
| 5  | Oil Exploration Company (OEC) شركة الاستكشافات<br>النفطية               | Oil & Gas | 24/09/2023      | 30/10/2023 |              |
| 6  | شركة مصافي (MRC) Midland Refineries Company<br>الوسط                    | Oil & Gas | 24/09/2023      | 30/10/2023 |              |
| 7  | State company for Oil Projects (SCOP) شركة<br>المشاريع النفطية          | Oil & Gas | 24/09/2023      | 30/10/2023 |              |
| 8  | شركة مصافي (SRC) South Refineries Company<br>الجنوب                     | Oil & Gas | 30/10/2023      | 30/10/2023 |              |
| 9  | شرکة نفط میسان (MOC) شرکة نفط   | Oil & Gas | 24/09/2023      | 31/10/2023 |              |
| 10 | Morth Oil Company (NOC) شركة نفط الشمال                                 | Oil & Gas | 24/09/2023      | 30/10/2023 |              |
| 11 | شركة مصافي الشمال North Refineries Company                              | Oil & Gas | 24/09/2023      |            |              |
| 12 | Basra Oil Company (BOC) شركة نفط البصرة                                 | Oil & Gas | 24/09/2023      |            |              |
| 13 | الشركة العامة (ICSC) الشركة العامة العراقية                             | Mining    | 24/09/2023      |            |              |
| 14 | Oil Products Distribution Company (OPDC)<br>شركة توزيع المنتجات النفطية | Oil & Gas | 24/09/2023      |            |              |
| 15 | أشركة الحفر العراقية (IDC) Iraqi Drilling Company                       | Oil & Gas | 24/09/2023      |            |              |
| 16 | شركة غاز الجنوب (SGC) شركة غاز الجنوب                                   | Oil & Gas | 24/09/2023      |            |              |
| 17 | The State Company for Mining Industries                                 | Mining    |                 |            |              |

### DETAILS BY LICENSEE/IOC

| N° | Licensee / IOCs  | Licence                                | Request<br>date | Submission<br>deadline | AR         | Receipt date |
|----|--|--|-----------------|------------------------|------------|--------------|
| 1  | Japex Garraf Ltd   | Garraf, Part 2                         | 26/10/2023      | 20/11/2023             | 26/10/2023 | 27/10/2023   |
| 2  | ITOCHU Oil Exploration (Iraq) B.V.                           | West Qurna,<br>First Stage, Part<br>1  | 26/10/2023      | 09/11/2023             | 26/10/2023 | 08/11/2023   |
| 3  | Kuwait Energy Basra Limited (KEBL)                           | Siba, Part 3                           | 26/10/2023      | 09/11/2023             | 26/10/2023 | 15/11/2023   |
| 4  | Kuwait Energy Basra Limited (KEBL)                           | Block 9, Part 4                        | 26/10/2023      | 09/11/2023             | 26/10/2023 | 15/11/2023   |
| 5  | TURKISH PETROLEUM<br>OVERSEAS COMPANY LIMITED<br>(TP BADRA)  | Badra, Part 2                          | 05/11/2023      | 20/11/2023             | 07/11/2023 | 20/11/2023   |
| 6  | TURKISH PETROLEUM<br>OVERSEAS COMPANY LIMITED<br>(TP MISSAN) | Missan Oil<br>Fields, Part 1           | 05/11/2023      | 20/11/2023             | 07/11/2023 | 20/11/2023   |
| 7  | TURKISH PETROLEUM<br>OVERSEAS COMPANY LIMITED<br>(TP SIBA)   | Siba, Part 3                           | 05/11/2023      | 20/11/2023             | 07/11/2023 | 20/11/2023   |
| 8  | LUKOIL Overseas Iraq<br>Exploration B.V.                     | Block 10, Part 4                       | 05/11/2023      | 20/11/2023             | 06/11/2023 | 20/11/2023   |
| 9  | INPEX South Iraq, Ltd.                                       | Block 10, Part 4                       | 05/11/2023      | 20/11/2023             | 22/11/2023 | 22/11/2023   |
| 10 | LUKOIL MID - EAST LIMITED                                    | West Qurna,<br>Second Stage,<br>Part 2 | 05/11/2023      | 20/11/2023             | 06/11/2023 |              |
| 11 | PETRONAS CARIGALI IRAQ<br>HOLDING B.V. (PCIHBV)              | Halfaya, Part 1                        | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 12 | PETRONAS CARIGALI IRAQ<br>HOLDING B.V. (PCIHBV)              | Garraf, Part 2                         | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 13 | PETRONAS CARIGALI IRAQ<br>HOLDING B.V. (PCIHBV)              | Badra, Part 2                          | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 14 | ВР   | Rumaila South 1                        | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 15 | CNPC International Ltd                                       |  | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 16 | Eni Iraq B.V.  | Zubair Part 1                          | 26/10/2023      | 16/11/2023             | 26/10/2023 |              |
| 17 | ExxonMobil (ExxonMobil Iraq<br>Limited (EMIL)).              | West Qurna,<br>First Stage, Part<br>1  | 26/10/2023      | 30/11/2023             | 26/10/2023 |              |
| 18 | PETROCHINA IRAQ<br>OPERATIONS                                | Rumaila South 1                        | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 19 | PETROCHINA IRAQ<br>OPERATIONS                                | West Qurna,<br>First Stage, Part<br>1  | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 20 | PETROCHINA IRAQ<br>OPERATIONS                                | Halfaya, Part 1                        | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 21 | PETROCHINA IRAQ<br>OPERATIONS                                | Ahdab                                  | 26/10/2023      | 09/11/2023             | 26/10/2023 |              |
| 22 | CNOOC Iraq   | Missan Oil<br>Fields, Part 1           | 26/10/2023      | 30/11/2023             | 26/10/2023 |              |
| 23 | Bashneft International B.V.                                  | Block 12, Part 4                       | 05/11/2023      | 20/11/2023             |            |              |
| 24 | AL WAHA PETROLEUM CO.<br>LTD.                                | Ahdab                                  | 05/11/2023      | 20/11/2023             |            |              |
| 25 | CHINA ZHENHUA OIL CO.<br>LTD.                                | East Baghdad                           | 05/11/2023      | 20/11/2023             |            |              |
| 26 | DRAGON OIL (BLOCK 9)<br>LIMITED                              | Block 9, Part 4                        | 05/11/2023      | 20/11/2023             |            |              |
| 27 | GAZPROM NEFT BADRA B.V.                                      | Badra, Part 2                          | 05/11/2023      | 20/11/2023             |            |              |
| 28 | Korea Gas Corporation (KOGAS) IRAQ OPERATIONS                | Zubair Part 1                          | 05/11/2023      | 20/11/2023             |            |              |
| 29 | Korea Gas Corporation<br>(KOGAS) IRAQ OPERATIONS             | Badra, Part 2                          | 05/11/2023      | 20/11/2023             |            |              |
| 30 | Korea Gas Corporation (KOGAS) IRAQ OPERATIONS                | Akkas, Part 3                          | 05/11/2023      | 20/11/2023             |            |              |
| 31 | PPL ASIA E&P B.V. IRAQ<br>BRANCH                             | Block 8, Part 4                        | 05/11/2023      | 20/11/2023             |            |              |
| 32 | PT PERTAMINA IRAK  | West Qurna,<br>First Stage, Part<br>1  | 05/11/2023      | 20/11/2023             |            |              |

| N° | Licensee / IOCs                                   | Licence                     | Request<br>date | Submission deadline | AR | Receipt date |
|----|---|-----------------------------|-----------------|---------------------|----|--------------|
| 33 | SONANGOL PESQUISA E<br>PRODUCAO S.A.              | Quayyara &<br>Nejma, Part 2 | 05/11/2023      | 20/11/2023          |    |              |
| 34 | THE EGYPTIAN GENERAL PETROLEUM CORPORATION (EGPC) | Block 9, Part 4             | 05/11/2023      | 20/11/2023          |    |              |
| 35 | TOTAL E & P IRAQ.                                 | Halfaya, Part 1             | 05/11/2023      | 20/11/2023          |    |              |
| 36 | United Energy Group (UEG)                         | Block 9, Part 4             | 05/11/2023      | 20/11/2023          |    |              |

# Annex 2: Outstanding documents from government agencies and state-owned enterprises

| Entity                  |                | Description   | Request date |
|-------------------------|----------------|---|--------------|
| Basra Gas Company (BGC) | شركة غاز       | Statement of all revenues related to the export's values of condensers and liquid gas received during 2021.   |              |
| البصرة                  |                | بيان بجميع الإيرادات المتعلقة بقيم التصدير من مكثفات وغاز سائل الواردة خلال 2021  | na           |
| Basra Gas Company (BGC) | شركة غاز       | Quantities and values of condensate and liquid gas produced by BGC during 2021.   |              |
| البصرة                  |                | كميات وقيم المكثفات والغاز السائل التي أنتجتها شركة غاز البصرة خلال 2021  | na           |
| Basra Gas Company (BGC) | شركة غاز       | Quantities and values of condensate and liquid gas exported through SOMO during 2021  |              |
| البصرة                  |                | كميات وقيم المكثفات والغاز السائل المصدرة عبر سومو خلال 2021  | na           |
| Basra Gas Company (BGC) | شركة غاز       | Audited financial statements for 2021 (or the last audit report)  |              |
| البصرة                  |                | البيانات المالية المدققة ل2021 (أو آخر تقرير ندقيق)   | na           |
| Basra Oil Company (BOC) |                | Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  | 9/24/2023    |
| ية                      | شركة نفط البصر | بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب نوع الإيرادات وصاحب الترخيص   | 9/24/2023    |
| Basra Oil Company (BOC) |                | Overview of the Oil sector in the fields operated by BOC, including any significant exploration activities.   | 9/24/2023    |
| ية                      | شركة نفط البصر | نظرة عامة على قطاع النفط في الحقول التي تدير ها شركة نفط البصرة، بما في ذلك أي أنشطة استكشافية هامة   | 9/24/2023    |
| Basra Oil Company (BOC) |                | Recent map of Oil exploration areas and production of the fields operated by BOC.   | 9/24/2023    |
| ة                       | شركة نفط البصر | خريطة حديثة لمناطق التنقيب عن النفط وإنتاج الحقول التي تديرها شركة نفط البصرة   | 9/24/2023    |
| Basra Oil Company (BOC) |                | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31   |              |
|                         |                | December 2021.  | 9/24/2023    |
| ۆ                       | شركة نفط البصر | حصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 2021  |              |
|                         |                | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and   |              |
| Basra Oil Company (BOC) |                | infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical   |              |
|                         |                | delivery of such commodities.   | 9/24/2023    |
| i i                     | شركة نفط البصر | أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية التحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب   |              |
|                         |                | عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع   |              |
| D 0:1 C (DOC)           |                | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby BOC undertake public social  |              |
| Basra Oil Company (BOC) |                | expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt   | 0 /2 / /2022 |
|                         |                | servicing, etc. outside of the national budgetary process.  | 9/24/2023    |
| ة                       | شركة نفط البصر | تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية<br>العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية |              |
|                         |                | العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموارثة الوطنية<br>Production data during 2021, including total production volumes and the value of production by commodity, by   |              |
| Basra Oil Company (BOC) |                | state/region and by company or project.   | 9/24/2023    |
| 5                       | شركة نفط البصر |   | 7/ L4/ LUL3  |
| ,                       | سرد- سد سبسر   | بيانات الإشاع كان 2021 ، منطقطة الخيام الإشاع الإجابية ولينات الإشاع حسب السعة وللسنطة وحسب السرات أو المسرون.  |              |

| Entity  | Description   | Request date |
|---|---|--------------|
| Basra Oil Company (BOC)   | Export data during 2021, including total export volumes and the value of exports by commodity, by state/region  |              |
|   | of origin and by company or project.  | 9/24/2023    |
| لمركة نفط البصرة  | بيانات التصدير خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة ومنطقة المنشأ وحسب الشركة أو المشروع  |              |
| Basra Oil Company (BOC)   | Detail of producing and non-producing reserves for the fields operated by BOC.  | 9/24/2023    |
| سركة نفط البصرة   | تفاصيل الاحتياطيات المنتجة وغير المنتجة للحقول التي تديرها الشركة خلال سنتي 2021  | 97 247 2023  |
| Basra Oil Company (BOC)<br>سُركة نفط البصرة                       | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)   | 9/24/2023    |
| Central Bank of Iraq (CBI)  | CBI Annual Reports for 2021   |              |
| ربنك المركزي العراقي  | التقارير السنوية للبنك المركزي العراقي ل2021  | 9/24/2023    |
| Central Bank of Iraq (CBI)  | Any statistics/studies on the informal and formal extractive industry (Oil, Gas, Mining Sectors) and contribution   |              |
| central bank of mad (ebi)   | to the GDP, total employment, estimated production, estimated exports for 2021.   | 9/24/2023    |
| لبنك المركزي العراقي  | أي إحصاءات/دراسات حول الصناعة الاستخراجية الرسمية وغير الرسمية (قطاعات النفط والغاز والتعدين) ومساهمتها في الناتج المحلي الإجمالي وإجمالي العمالة   | 772172023    |
| . د وپ د  | والإنتاج المقدر والصادرات المقدرة ل2021   |              |
| Federal Supreme Audit Board (FSAB)                                | A description of the country's budget and audit processes and links to the publicly available information on  |              |
| ديوان الرقابة المالية الاتحادي<br>ديوان الرقابة المالية الاتحادي  | budgeting, expenditures and audit reports.  | na           |
|   | وصف للموازنة وعمليات المراجعة في الدولة وروابط للمعلومات المتاحة في الإنترنت حول الميزانية والنفقات وتقارير المراجعة  |              |
| Iraqi Cement State Company (ICSC)                                 | Statement of all taxes paid during 2021 detailed by tax type and by date.   | 9/24/2023    |
| الشركة العامة للسمنت العراقية                                     | بيان بجميع الضرائب المدفوعة خلال 2021 مفصلة حسب نوع الضريبة والتاريخ  |              |
|   | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and   |              |
| Iragi Cement State Company (ICSC)                                 | infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical   |              |
| الشركة العامة للسمنت العراقية                                     | delivery of such commodities.   | 9/24/2023    |
|   | أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية التحتية)، في مقابل كلي أو جزئي لامتيازات التتقيب<br>عن النفط أو المغاز أو الإنتاج أو التسليم المادي لهذه السلع |              |
|   | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby ICSC undertake public social   |              |
| Iragi Cement State Company (ICSC)                                 | expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt   |              |
| madi Cement State Company (1636)<br>الشركة العامة للسمنت العراقية | servicing, etc. outside of the national budgetary process.  | 9/24/2023    |
| السرف العالم المرابية   | تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية  |              |
|   | العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية   |              |
| Iragi Cement State Company (ICSC)                                 | Production data during 2021, including total production volumes and the value of production by commodity, by  |              |
| maqr cement state company (icsc) الشركة العامة للسمنت العراقية    | state/region and by company or project.   | 9/24/2023    |
| سرت عمد عمد   | بيانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع  |              |
| Iraqi Cement State Company (ICSC)                                 | Sales data during 2021, including total export volumes and the value of exports by commodity, by state/region   | 9/24/2023    |
| الشركة العامة للسمنت العراقية                                     | of origin and by company or project.  | // L¬/ LULJ  |

| Entity   | Description  | Request date |
|--|--|--------------|
|  | بيانات المبيعات خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة ومنطقة المنشأ وحسب الشركة أو المشروع.   |              |
| Iraqi Cement State Company (ICSC)<br>الشركة العامة للسمنت العراقية | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)  | 9/24/2023    |
| أشركة الحفر (IDC) Iraqi Drilling Company<br>العراقية               | Statement of all revenues received during 2021 detailed by tax and by licence holder. بيان بجميع الإيرادات المحصلة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الترخيص.  | 9/24/2023    |
| أشركة الحفر (IDC) Iraqi Drilling Company<br>العراقية               | Detail of drilling, well workovers and rehabilitation activities carried out by IDC during 2021.<br>تقاصيل أعمال الحفر وصيانة الأبار وإعادة التأهيل التي قامت بها شركة الحفر العالمية خلال 2021 .  | 9/24/2023    |
| العراقية الحفر (IDC) العراقية                                      | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 December 2021.  December 2021.  حصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 2021   | 9/24/2023    |
| Iraqi Drilling Company (IDC) شركة الحفر<br>العراقية                | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby IDC undertake public social expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt servicing, etc. outside of the national budgetary process.  تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفو عات الخدمات الاجتماعية والبنية التحتية العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية |              |
| أشركة الحفر (IDC) Iraqi Drilling Company<br>العراقية               | IDC annual report for 2021<br>التقرير السنوي للشركة ل2021  | 9/24/2023    |
| أشركة الحفر (IDC) Iraqi Drilling Company<br>العراقية               | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)  | 9/24/2023    |
| Midland Oil Company (MdOC) شركة نفط<br>الوسط                       | Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder. بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة  | 9/24/2023    |
| Midland Oil Company (MdOC) شركة نفط<br>الوسط                       | Overview of the Oil sector in the fields operated by MdOC, including any significant exploration activities.<br>نظرة عامة على قطاع النفط في الحقول التي تدير ها الشركة بما في ذلك أي أنشطة استكشافية مهمة  | 9/24/2023    |
| Midland Oil Company (MdOC) شركة نفط<br>الوسط                       | Recent map of Oil exploration areas and production of the fields operated by MdOC. خريطة حديثة لمناطق التنقيب عن النفط وإنتاج الحقول التي تديرها الشركة  | 9/24/2023    |
| شركة نفط (MdOC) Midland Oil Company (MdOC)<br>الوسط                | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 December 2021.  December 2021.  عصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 2021   | 9/24/2023    |
| شركة نفط (MdOC) Midland Oil Company (MdOC)                         | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical delivery of such commodities.  | 9/24/2023    |

| Entity   | Description  | Request date |
|--|--|--------------|
|  | أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية التحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب    |              |
|  | عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع  |              |
|  | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby MdOC undertake public social  |              |
| Midland Oil Company (MdOC) شركة نفط                  | expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt  |              |
| الوسط (Mdoc) الوسط                                   | servicing, etc. outside of the national budgetary process.   | 9/24/2023    |
|  | تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية |              |
|  | العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية  |              |
| شركة نفط (MdOC) Midland Oil Company                  | Production data during 2021, including total production volumes and the value of production by commodity, by   |              |
| الوسط (Mdoc) الوسط                                   | state/region and by company or project.  | 9/24/2023    |
| .بو <del>ست</del>                                    | بيانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع.  |              |
| شركة نفط (Midland Oil Company (MdOC)                 | Export data during 2021, including total export volumes and the value of exports by commodity, by state/region   |              |
| الوسط (Mdoc) الوسط                                   | of origin and by company or project.   | 9/24/2023    |
|  | بيانات التصدير خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة ومنطقة المنشأ وحسب الشركة أو المشروع.                                  |              |
| شركة نفط (MdOC) Midland Oil Company                  | Detail of producing and non-producing reserves for the fields operated by MdOC in 2021   | 9/24/2023    |
| الوسط  | تفاصيل الاحتياطيات المنتجة وغير المنتجة للحقول التي تديرها الشركة خلال سنتي 2021   | 9/24/2023    |
| شركة نفط (MdOC) Midland Oil Company                  | Audited financial statements for 2021 (or the last audit report)   | 9/24/2023    |
| الوسط  | البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)  | 9/24/2023    |
| Midland Refineries Company (MRC)                     | Statement of all taxes paid during 2021 detailed by tax type and by date.  | 9/24/2023    |
| شركة مصافي الوسط                                     | بيان بجميع الضرائب المدفوعة خلال 2021 مفصلة حسب نوع الضريبة والتاريخ.  | 9/24/2023    |
|  | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and  |              |
| Midland Refineries Company (MRC)                     | infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical  |              |
| Midland Refineries Company (MRC)<br>شركة مصافى الوسط | delivery of such commodities.  | 9/24/2023    |
| سرحه مصافي الوسط                                     | أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية النحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب    |              |
|  | عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع  |              |
|  | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby MRC undertake public social   |              |
| Midland Refineries Company (MRC)                     | expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt  |              |
| middaid Remieries Company (MRC)<br>شركة مصافي الوسط  | servicing, etc. outside of the national budgetary process.   | 9/24/2023    |
|  | تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية |              |
|  | العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية  |              |
| Midland Refineries Company (MRC)                     | Production data during 2021, including total production volumes and the value of production by commodity, by   |              |
| Midtaria Kermeries Company (MKC)<br>شركة مصافى الوسط | state/region and by company or project.  | 9/24/2023    |
| , <u> </u>   | بيانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع   |              |

| Entity   | Description   | Request date |
|--|---|--------------|
| Midland Refineries Company (MRC)<br>شركة مصافي الوسط | Sales data during 2021, including total export volumes and the value of exports by commodity, by state/region of origin and by company or project. بيانات المبيعات خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة، حسب الولاية/منطقة المنشأ وحسب الشركة أو المشروع  | 9/24/2023    |
| Midland Refineries Company (MRC)<br>شركة مصافي الوسط | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)   | 9/24/2023    |
| وزارة الكهرباء Ministry of Electricity               | Summary of debts as of 31 December 2021<br>ملخص الديون في 31 ديسمبر 2021  | 9/24/2023    |
| Ministry of Environment (MoE) وزارة<br>البيئة        | List of legal provisions and administrative rules governing environmental impact of extractive activities.<br>قائمة الأحكام القانونية والقواعد الإدارية التي تحكم الأثر البيئي للأنشطة الاستخراجية  | 9/24/2023    |
| Ministry of Environment (MoE) وزارة<br>البيئة        | Recent environmental impact assessments of significant mines and petroleum sites in the country.  | 9/24/2023    |
| وزارة المالية Ministry of Finance (MoF)              | Statement of all revenues received from oil, gas and mining sector during 2021 detailed by tax and by licence holder. بيان بجميع الإيرادات الواردة من قطاع النفط والغاز والتعدين خلال 2021 مفصلة حسب الضريبة وحسب صاحب الترخيص  | 9/24/2023    |
| وزارة المالية (Ministry of Finance (MoF)             | Legal framework and fiscal regime governing the extractive industries and any ongoing reform. (a summary description of the fiscal regime, including the level of fiscal devolution, an overview of the relevant laws and regulations, and information on the roles and responsibilities of the relevant government agencies)  الإطار القانوني والنظام المالي الذي يحكم الصناعات الاستخراجية وأي إصلاحات جارية. (وصف موجز للنظام المالي، بما في ذلك مستوى التقويض المالي، ولمحة عامة عن القوانين واللوائح ذات الصلة، ومعلومات عن أدوار ومسؤوليات الوكالات الحكومية ذات الصلة) | 9/24/2023    |
| وزارة المالية Ministry of Finance (MoF)              | A description of the country's budget and audit processes and links to the formal available information on budgeting, expenditures and audit reports. وصف لموازنة الدولة وعمليات المراجعة وروابط للمعلومات الرسمية المتاحة حول الميزانية والنفقات وتقارير المراجعة  | 9/24/2023    |
| وزارة المالية Ministry of Finance (MoF)              | Details of Subnational transfers (Petrodollar allocation and Development Allocations and Transfers to Regions and Governorates) during 2021 as well as the calculation details. تفاصيل التحويلات المحلية (تخصيص البترودولار وتخصيصات التنمية والتحويلات للأقاليم والمحافظات) خلال 2021 وتفاصيل الحساب   | 9/24/2023    |
| وزارة المالية Ministry of Finance (MoF)              | A description of any extractive revenues earmarked for specific programmes or geographic regions. This should include a description of the methods for ensuring accountability and efficiency in their use. وصف لأي إير ادات استخر اجبة مخصصة لبر امج أو مناطق جغر افية معينة. وينبغي أن يتضمن ذلك وصفاً لأساليب ضمان المساءلة والكفاءة في استخدامها  | 9/24/2023    |
| وزارة المالية (MoF) Ministry of Finance              | Information about the contribution of the extractive industries to the economy in 2021 including:  a) The size of the extractive industries in absolute terms and as a percentage of GDP as well as an estimate of informal sector activity, including but not necessarily limited to artisanal and small-scale mining.  b) Total government revenues generated by the extractive industries (including taxes, royalties, bonuses, fees, and other payments) in absolute terms and as a percentage of total government revenues.  | 9/24/2023    |

| Entity                          | Description   | Request date |
|---------------------------------|---|--------------|
|                                 | c) Exports from the extractive industries in absolute terms and as a percentage of total exports.   |              |
|                                 | d) Employment in the extractive industries in absolute terms and as a percentage of the total employment.   |              |
|                                 | e) Key regions/areas where production is concentrated.  |              |
|                                 | هلومات حول مساهمة الصناعات الاستخراجية في الاقتصاد في 2021 بما في ذلك:  | 4            |
|                                 | ) حجم الصناعات الاستخراجية من حيث القيمة المطلقة وكنسبة مئوية من الناتج المحلي الإجمالي بالإضافة إلى تقدير لنشاط القطاع غير الرسمي، بما في ذلك، على | Í            |
|                                 | بيل المثال لا الحصر، التعدين الحرفي والصغير النطاق.   | u            |
|                                 | ر) إجمالي الإيرادات الحكومية الناتجة عن الصناعات الاستخراجية (بما في ذلك الضرائب والإتاوات والمكافأت والرسوم والمدفوعات الأخرى) بالقيمة المطلقة     | بـ           |
|                                 | كنسبة مئوية من إجمالي الإير ادات الحكومية.  | و            |
|                                 | ز) الصادر ات من الصناعات الاستخراجية بالقيمة المطلقة وكنسبة من إجمالي الصادرات.   | Ξ            |
|                                 | ) العمالة في الصناعات الاستخراجية بالقيمة المطلقة وكنسبة مئوية من إجمالي العمالة.   | د            |
|                                 | ـ) المناطق/المناطق الرئيسية التي يتركز فيها الإنتاج.  | ه            |
|                                 | List of all mining companies holding licences during 2021 including the following information:  |              |
|                                 | Coordinates of the licensed Area  |              |
|                                 | licence number  |              |
|                                 | Holder's Taxpayer Identification Number;  |              |
|                                 | Name of the licence holder;   |              |
|                                 | Kind of activity i.e. exploration, production, etc.;  |              |
|                                 | Extracted product   |              |
|                                 | Type of licences held and licence number;   |              |
|                                 | <ul> <li>Period of the licences: Application date, award date and expiry date;</li> </ul>   |              |
| nistry of Industry and Minerals | • Status: active/pending;   | 9/24/2023    |
| وزارة الصناعة و المعادن (NoIM   | ئمة بجميع شركات التعدين الحاصلة على تراخيص خلال 2021 متضمنة المعلومات التالية:  | ے۔۔۔۔۔۔<br>ف |
|                                 | عداثيات المنطقة المرخصة *   | 7]           |
|                                 | قم الرخصة *   | ر            |
|                                 | قم تعريف دافع الضر ائب الخاص بالمالك؛ *   |              |
|                                 | ىم صاحب الترخيص *   |              |
|                                 | ع النشاط، أي الاستكشاف و الإنتاج وما إلى ذلك *  |              |
|                                 | منتج المستخرج *   |              |
|                                 | ع التراخيص ورقم الترخيص *   |              |
|                                 | دة التراخيص: تاريخ تقديم الطلب، تاريخ منح التراخيص، وتاريخ انتهاء الصلاحية *  |              |
|                                 | حالة: نشطة/معلقة *  | 11           |

| Entity   | Description   | Request date |
|--|---|--------------|
| Ministry of Natural Resources (MNR) -  |   |              |
| رادات الواردة من قطاع النفط والغاز والتعدين ل2021 مفصلة حسب الضريبة وحسب صاحب الترخيص  |   | 11/05/2023   |
| Ministry of Natural Resources (MNR) -<br>Kurdistan Regional Government (KRG)   | List of all oil, gas and mining companies holding licences in KRG during 2021 including the following information (Holder's Taxpayer Identification Number; Name of the holder; Kind of activity i.e. exploration, production, etc.; Type of licences held and licence number; Period of the licences: date applied, granted and expires; Status: active/pending; Area.  Status: active/pending; Area.  قائمة بجميع شركات النفط والغاز والتعدين الحاصلة على تراخيص في إقليم كردستان خلال 2021 بما في ذلك المعلومات التالية (رقم تعريف دافع الضرائب للمالك؛ اسم الحائز؛ نوع النشاط أي التنقيب والإنتاج وما إلى ذلك؛ نوع التراخيص المحتفظ بها ورقم الترخيص ؛ مدة التراخيص: تاريخ التطبيق، منحها وانتهاء صلاحيتها؛ | 11/05/2023   |
|  | الحالة: نشطة/معلقة؛ المنطقة.  |              |
| Ministry of Natural Resources (MNR) -<br>Kurdistan Regional Government (KRG)   | Detail of producing and non-producing reserves in KRG for the fields operated by National Oil Companies (NOCs) and International Oil Companies (IOCs). تفاصيل الاحتياطيات المنتجة وغير المنتجة في حكومة إقليم كردستان للحقول التي تديرها شركات النفط الوطنية وشركات النفط العالمية  | 11/05/2023   |
| Ministry of Natural Resources (MNR) -  | Recent KRG map of oil, gas and mining fields.   | 11/05/2023   |
| Kurdistan Regional Government (KRG)  | خريطة حديثة لحكومة إقليم كردستان لحقول النفط والغاز والتعدين  | 117 037 2023 |
|  |   |              |
| Ministry of Natural Resources (MNR) -  | KRG oil, gas and minerals export data in 2021, including total export volumes and the value of exports by inistry of Natural Resources (MNR) - commodity, by state/region of origin and by company or project.  urdistan Regional Government (KRG) بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات النفط والغاز والمعادن لحكومة إقليم كردستان في 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة، حسب الولاية/المنطقة وحسب الشركة أو المشروع  |              |
| Ministry of Natural Resources (MNR) -<br>Kurdistan Regional Government (KRG)   | Extractive companies' shareholding during 2021.<br>مساهمة الشركات الاستخراجية خلال 2021   | 11/05/2023   |
| Ainistry of Natural Resources (MNR) - (urdistan Regional Government (KRG) (Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 December 2021.  |   | 11/05/2023   |
| Ministry of Natural Resources (MNR) -<br>Kurdistan Regional Government (KRG)   | , , , = -   |              |
| Ministry of Natural Resources (MNR) - Kurdistan Regional Government (KRG)  The detail of technical and financial criteria that MNR uses to accept application and to allocate the oil, gas an mineral rights during 2021.  2021 مسلل المعابير الفنية والمالية التي تستخدمها وزارة الموارد الطبيعية لقبول الطلبات وتخصيص حقوق النفط والخاز والمعادن خلال 2021 |   | 11/05/2023   |
|  | Copy of the application to be filled in by applicants for an Exploration Licence and a Production Licence.  | 11/05/2023   |

| Entity   | Description  | Request date |  |  |
|--|--|--------------|--|--|
| Ministry of Natural Resources (MNR) -                                      | نسخة من الطلب المراد تعبئته من قبل طالبي رخصة الاستكشاف ورخصة الإنتاج  |              |  |  |
| Kurdistan Regional Government (KRG)  | (RG)   |              |  |  |
| Ministry of Natural Resources (MNR) -                                      | istry of Natural Resources (MNR) - Copy of a Production Licences active/valid during 2021  |              |  |  |
| Kurdistan Regional Government (KRG)  | نسخة من رخصة الإنتاج سارية المفعول خلال 2021   |              |  |  |
| Ministry of Natural Resources (MNR) -                                      | Detail of oil and gas licences transferred during 2021.  | 11/05/2023   |  |  |
| Kurdistan Regional Government (KRG)  | تفاصيل تراخيص النفط والغاز المنقولة خلال 2021  |              |  |  |
|  | Detail of tendering process launched during 2021 to award oil and gas licences and contracts in KRG with the                               |              |  |  |
| Ministry of Natural Resources (MNR) -                                      | detail of applicants and the bid criteria, the recipients of the license.  | 11/05/2023   |  |  |
| Kurdistan Regional Government (KRG)  | تفاصيل عملية المناقصة التي تم إطلاقها خلال 2021 لمنح تراخيص وعقود النفط والغاز في حكومة إقليم كردستان مع تفاصيل المتقدمين ومعابير العطاءات | 11/03/2023   |  |  |
|  | والحاصلين على الترخيص  |              |  |  |
| Ministry of Natural Resources (MNR) -                                      | A copy of a Production Sharing Contracts (PSCs).   | 11/05/2023   |  |  |
| Kurdistan Regional Government (KRG)  | نسخة من عقود مشاركة الإنتاج  | 1170372023   |  |  |
|  | List of all oil and gas companies holding licences during 2021 including the following information:  |              |  |  |
|  | Coordinates of the licensed Area   |              |  |  |
|  | • licence number   |              |  |  |
|  | Holder's Taxpayer Identification Number;   |              |  |  |
|  | Name of the licence holder;  |              |  |  |
|  | Kind of activity i.e. exploration, production, etc.;   |              |  |  |
|  | • Extracted product  |              |  |  |
|  | Type of licences held and licence number;  |              |  |  |
|  | Period of the licences: Application date, award date and expiry date;  |              |  |  |
| Ministry of Oil (MoO) / Petroleum  | Status: active/pending.  | 0./2.4./2022 |  |  |
| Contracts and Licensing Department (PCLD) دائرة العقود والتراخيص البترولية | قائمة بجميع شركات النفط والغاز الحاصلة على تراخيص خلال 2021 متضمنة المعلومات التالية:  | 9/24/2023    |  |  |
| دادره العقود والدراكيص البدرولية (PCLD)                                    | إحداثيات المنطقة المرخصة *   |              |  |  |
|  | رقم الرخصة *   |              |  |  |
|  | رقم تعريف دافع الضر ائب الخاص بالمالك؛ *   |              |  |  |
|  | اسم صاحب الترخيص *   |              |  |  |
|  | نوع النشاط، أي الاستكشاف والإنتاج وما إلى ذلك *  |              |  |  |
|  | المنتج المستخرج *  |              |  |  |
|  | توع التراخيص ورقم الترخيص *  |              |  |  |
|  | مدة التراخيص: تاريخ تقديم الطلب، تاريخ منح التراخيص، وتاريخ انتهاء الصلاحية *  |              |  |  |
|  | الحالة: نشطة/معلقة *   |              |  |  |

| Entity                                  | Description  | Request date |
|---|--|--------------|
| Ministry of Oil (MoO) / Reservoirs and  | Detail of producing and non-producing reserves for the fields operated by National Oil Companies (NOCs) and                                |              |
| دائرة Field Development Department      | International Oil Companies (IOCs).  |              |
| المكامن و تطوير الحقول                  | تفاصيل الاحتياطيات المنتجة وغير المنتجة للحقول التي تديرها شركات النفط الوطنية وشركات النفط العالمية.                                      |              |
| Oil Exploration Company (OEC) شرکة      | Recent map of oil and gas fields.  |              |
| الاستكشافات النفطية                     | أحدث خريطة لحقول النفط والغاز  |              |
| Ministry of Oil (MoO) / Petroleum       | Oil and gas companies' shareholding during 2021.   |              |
| Contracts and Licensing Department      | تفاصيل ملكية شركات النفط و الغاز خلال 2021   | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) | تفاصيل ملكية سركات النفط والعار حائل 2021  |              |
|   | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31                                    |              |
| na                                      | December 2021.   | 9/24/2023    |
|   | حصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 1021   |              |
| Ministry of Oil (MoO) / Petroleum       | The guidelines detailing the process for awarding contracts/licences in the oil and gas sector.  |              |
| Contracts and Licensing Department      | المبادئ التوجيهية التي توضح بالتفصيل عملية منح العقو د/التر اخيص في قطاع النفط والغاز  | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) | المبادي اللو جيهية التي توضيح بالتفصيل عملية ملح العقو د/اللز اخيص في قطاع النقط والعار  |              |
| Ministry of Oil (MoO) / Petroleum       | The detail of technical and financial criteria that MoO uses to accept application and to allocate the oil and gas                         |              |
| Contracts and Licensing Department      | rights during 2021.  | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) | تفاصيل المعايير الفنية والمالية التي تعتمدها وزارة النفط لقبول الطلبات وتخصيص حقوق النفط والغاز خلال 2021                                  |              |
| Ministry of Oil (MoO) / Petroleum       | Copy of the application to be filled in by applicants for an Exploration Licence and a Production Licence.                                 |              |
| Contracts and Licensing Department      | نسخة من الاستمارة  المطلوب تعبئتها من قبل المتقدمين للحصول على رخصة استكشاف ورخصة إنتاج  | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) | لللعه من الإستمارة المطلوب لعبشها من قبل المتعدمين للعظلون على رخصه استعلقاف ورخصه إلتاج   |              |
| Ministry of Oil (MoO) / Petroleum       | Copy of a Production Licences active/valid during 2021.  |              |
| Contracts and Licensing Department      | نسخة من رخصة الإنتاج سارية المفعول خلال 2021   | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) | سعه س رحمه الإماع شارية المعلول عادل 2021  |              |
| Ministry of Oil (MoO) / Petroleum       | Detail of oil and gas licences transferred during 2021.  |              |
| Contracts and Licensing Department      | تفاصيل تر اخيص النفط والغاز المحالة خلال 2021  | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) |  |              |
| Ministry of Oil (MoO) / Petroleum       | Detail of tendering process launched during 2021 to award oil and gas licences and contracts with the detail of                            |              |
| Contracts and Licensing Department      | applicants and the bid criteria, the recipients of the license.  | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) | تفاصيل عملية المناقصة التي تم إطلاقها خلال 2021 لمنح تراخيص وعقود النفط والغاز مع تفاصيل المتقدمين ومعايير العطاءات والحاصلين على الترخيص. |              |
| Ministry of Oil (MoO) / Petroleum       | A copy of a Production Sharing Contract (PSC).   |              |
| Contracts and Licensing Department      | نسخة من عقد مشاركة الإنتاج   | 9/24/2023    |
| دائرة العقود والتراخيص البترولية (PCLD) |  |              |
|   | All laws, regulations and reforms related to the oil and gas sector.   | 9/24/2023    |

| المن الدورية المراكبة المناور الأرافية والإسلامات المناور الأرافية والإسلامات المناور الأرافية والإسلامات المناور والرافيعي الشروئية (المناور والرافيعي الشروئية والإسلامات المناور والرافيعي الشروئية والإسلامات المناور والرافيعي الشروئية (المناور والرافيعي الشروئية) والمناور والرافيعي الشروئية والمناور والمن | Entity  | Description  | Request date  |  |  |  |
|---|---|--|---------------|--|--|--|
| الإنجامية (التر الفيض البترولية (PCLD) المراحية (Government's policy on disclosure of contracts and licenses that govern the exploration and exploitation of oil, gas. This should include relevant legal provisions, actual disclosure practices and any reforms that are planned or underway. (an overview of the contracts and licenses that are publicly available).    Policy   Policy  | Ministry of Oil (MoO) / Petroleum                 |  |               |  |  |  |
| Government's policy on disclosure of contracts and licenses that govern the exploration and exploitation of oil, (mon) / Petroleum (ministry of Oil (mon) / Petroleum (ministry of Oil (mon) / Petroleum (ministry of Oil (mon) / Petroleum)  Government's policy on disclosure of contracts and licenses that govern the exploration and exploitation of oil, (gas. This should include relevant legal provisions, actual disclosure practices and any reforms that are planned on underway. (an overview of the contracts and licenses that are publicly available).  Production was contracts and licenses that govern the exploration and despotation of oil, (gas. This should include relevant legal provisions, actual disclosure practices and any reforms that are planned on promise and licenses that are publicly available).  Production values from 1 January to 31 December 2021 detailed by commodity (e.g. crude oil, etc.) and by company/project/region  Government's policy on disclosure of contracts and licenses that govern the exploration and professions, actual disclosure practices and any reforms that are planned on the contracts and licenses that are publicly available).  Production values from 1 January to 31 December 2021 detailed by commodity (e.g. crude oil, etc.) and by commodity (e.g. crude oil, etc.) and contracts and licenses that are publicly available).  Production values from 1 January to 31 December 2021 detailed by ecompany/project/region  Galculation Mechanism for the Cost and Quantities of Oil and Gas Production.  Production volumes from 1 January 2021 to 31 December 2021 detailed by ecompany in the product of the company in the product of the company in the company in the product of the company in the company in the product of the company in the planned of the company in the planned of the contracts and licenses that are publicly available.  Production values from 1 January to 31 December 2021 detailed by a company in the planned of the company in the company in the planned of the company in the company in the planne  | • .   | كافة القوانين والانظمة والإصلاحات المتعلقة بقطاع النفط والغاز  |               |  |  |  |
| الإدارية الإقداد على المنافعة من المنافعة على المنافعة ع | دائرة العقود والتراخيص البترولية (PCLD)           |  |               |  |  |  |
| الإدرادة and Licensing Department (PCLD) مناسبة والمدار يونا عن الموادية (التراكية (التراكية المداركية ال |   |  |               |  |  |  |
| الإنصاء الحكومة بشأن الإفساع عن العقود والتراخيص التي تُحكم استكشاف واستغلال الفعل والغاز . وينيغي أن يشمل ذلك الأحكام القانونية ذات الصلة، وممار سات الانتخاب المساقد والتراء علم على العقود والتراخيص التي وينغي أن يشمل المتاوز على المساقد والتراء علم على المتووة عبر الإنتراني).    Winistry of Oil (MoO) / Economic and Financial Directory على المساقد والمراقبة (المساقد الخابو والمراقبة (المساقد الخابو والمراقبة (المساقد الخابو والمراقبة (المساقد والمراقبة (المساقد الخابو والمراقبة (المساقد الخابو والمراقبة (المساقد الخابو والمراقبة (المساقد الخابو والمراقبة (المساقد والمراقبة (المراقبة (المراقبة (المساقد والمراقبة (المراقبة (المراقبة (المراقبة (المساقد والمساقدة (المساقد والمساقدة المساقد والمساقدة (المساقد والمساقدة (المساقد والمساقدة (المساقدة (المساقد والمساقدة (المساقدة (ا | ` '   |  |               |  |  |  |
| الإقساع العلية وأي إصلاحات معطط ليا أو جارية رفظرة علية على العقود و التراخيس المتوارة عبر الإنترنت).  Winistry of Oil (MoO) / Economic and Financial Directory التناو الدينة وإلى الانتجاب التناو الدينة والمالية (سلال التناو الدائم ومن الين للك) وحسب الشرع المنافقة والمالية (سلال التناو الدائم ومن الين للك) وحسب الشرع المنافقة والمالية (سلال التناو الدائم ومن الين للك) وحسب الشرع المنافقة والمالية (سلال التناو الدائم ومن الين التناو الدائم ومن الين الله وحسب المناوع المنافقة والمنافقة والمنا | • .   |  |               |  |  |  |
| Ministry of Oil (MoO) / Technical Directory المساعة (سلال المائة (سلال المائة) المساعة (سلال المساعة (سلا | دائرة العقود والتراخيص البترولية (PCLD)           |  |               |  |  |  |
|   |   | الإفصاح الفعلية وأي إصلاحات مخطط لها أو جارية. (نظرة عامة على العقود والتراخيص المتوفرة عبر الإنترنت).               |               |  |  |  |
| ### Company/ project/region   Company/ project/region   Calculation Mechanism for the Cost and Quantities of Oil and Gas Production   | Ministry of Oil (MoO) / Economic and              | Production values from 1 January to 31 December 2021 detailed by commodity (e.g crude oil, etc) and by               |               |  |  |  |
| الإن الناج المنافرة على المنافرة المنافرة على الثاني المنافرة على الثاني المنافرة الكام و ما إلى ذلك و و المنافرة المنا | , ,   | company/project/region   | 9/24/2023     |  |  |  |
| Financial Directory الله التفط والمغلق و المالية Production volumes from 1 January 2021 to 31 December 2021 detailed by  • commodity (e.g crude oil, etc)  • month and  • company/project/region    Petroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Petroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region    Potroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by commodity  • by | الدائرة الاقتصاية و المالية Filialicial Directory | قيم الإنتاج من 1 يناير إلى 31 ديسمبر 2021 مفصلة حسب السلعة (مثل النفط الخام وما إلى ذلك) وحسب الشركة/المشروع/المنطقة |               |  |  |  |
| الية احتساب تكاليف وكبيات إنتاج التنظر والغائر المنافقة المتاب تكاليف وكبيات إنتاج التنظر والغائر المنافقة المتابع التنظر والغائر المنافقة المتابع التنظر والية من قبل المصافي وشركات الغائر المنافقة المتابع والمائلة (مثل النظرة الغنية المتابع والمائلة والغائرة المتابع والمتابع والم | Ministry of Oil (MoO) / Economic and              | Calculation Mechanism for the Cost and Quantities of Oil and Gas Production.   | 0/24/2023     |  |  |  |
| • commodity (e.g crude oil, etc) • month and • company/project/region • company/project/region • company/project/region • الدائرة الفتية 2021 و المسلمة (مثل النفط الخام، وما الي ذلك) • month and • company/project/region • الدائرة الفتية 2021 و المسلمة (مثل النفط الخام، وما الي ذلك) • Petroleum products production by refineries and National Gas Companies during 2021 detailed • by commodity • by month and • by company/project/region • products products production by refineries and National Gas Companies during 2021 detailed • by commodity • by month and • by company/project/region • products products production by refineries and National Gas Companies during 2021 detailed • by company/project/region • products products products production by refineries and National Gas Companies during 2021 detailed • by company/project/region • products products products production by refineries and National Gas Companies during 2021 detailed • by company/project/region • products produ | الدائرة الاقتصاية و المالية Financial Directory   | آلية احتساب تكاليف وكميات إنتاج النفط والغاز   | 97 247 2023   |  |  |  |
| • month and     • company/project/region     • petroleum products production by refineries and National Gas Companies during 2021 detailed     • by commodity     • by month and     • by company/project/region  Winistry of Oil (MoO) / Technical Directory المنطقة *  الدائزة الفنية المسلم و "  الدائزة الفنية المسلم و "  الدائزة الفنية خلال 2021 مسلم الشهر و على المسلم و "  الدائزة الفنية حديث المسلم و "  الدائزة الفنية المسلم و "  Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  العدائزة المسلم و "  "  "  "  "  "  "  "  "  "  "  "  "  |   | Production volumes from 1 January 2021 to 31 December 2021 detailed by   |               |  |  |  |
| ### winistry of Oil (MoO) / Technical Directory المنافعة مثل النقط الخام، وما إلى ذلك) * • company/project/region * company/pr |   | • commodity (e.g crude oil, etc)   |               |  |  |  |
| # الدائرة الغنية 2021 إلى 2021 إلى 2021 إلى 2021 الدائرة الغنية (عسب السلعة (مثل النقط الخام، وما إلى ذلك) *  عسب السلعة (مثل النقط الخام، وما إلى ذلك) *  عسب الشير و * حسب الشير و ع/المنطقة *  Petroleum products production by refineries and National Gas Companies during 2021 detailed  • by commodity  • by month and  • by company/project/region  Prectory عنا المصافي وشركات الغاز الوطنية خلال 2021 عنا المصافي وشركات الغاز الوطنية خلال 1021 عنا المصافي وشركات الغاز الوطنية خلال 1021 عنا المصافي و المصا |   | • month and  |               |  |  |  |
| الدائرة الفنية 2021 مفصلة (علاق النفط الخام، وما إلى ذلك) * حسب السلعة (مثل النفط الخام، وما إلى ذلك) * حسب الشركة/المشروع/المنطقة * حسب الشركة/المشروع/المنطقة * حسب الشركة/المشروع/المنطقة * في commodity  by commodity  by month and  by company/project/region  2021 الخائرة الفنية خلال 1202 عنصلة عسب الشورة ع/المنطقة * حسب الشيع و * حسب الشيع و * حسب الشيع و * حسب الشيع و * حسب الشركة/المشروع/المنطقة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة على الإدادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة على الإدادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة على الإدادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة على الإدادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة على الإدادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة على الإدادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة الإعرادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة الإعرادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة الإعرادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة الإعرادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة الإعرادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب المضرية وحسب صاحب الرخصة / العرادات (النقدية / العينية) المسئلمة خلال 2021 مفصلة حسب الصريبة وحسب صاحب الرخصة / العرادات (النقدية / العينية / العرادات (النقدية / العرادات (النقدية / العينية / العرادات / العرادا | Ministry of Oil (MoO) / Technical                 | • company/project/region   | 0/24/2022     |  |  |  |
| Petroleum products production by refineries and National Gas Companies during 2021 detailed   Petroleum products production by refineries and National Gas Companies during 2021 detailed   by commodity  | الدائرة الفنية Directory                          | أحجام الإنتاج من 1 يناير 2021 إلى 31 ديسمبر 2021 مفصلة   | 9/24/2023     |  |  |  |
| الشركة المشروع المنطقة *  Petroleum products production by refineries and National Gas Companies during 2021 detailed  by commodity  by month and  by company/project/region  2021 العائرة الفنية خلال 1021 العائرة الفنية على المصافي وشركات الغاز الوطنية خلال 2021 العائرة الفنية المسلمة غلال 2021 شركة نقط (Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  "المسلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة الرخصة ميسان   |   | حسب السلعة (مثل النفط الخام، و ما إلى ذلك) *   |               |  |  |  |
| Petroleum products production by refineries and National Gas Companies during 2021 detailed  by commodity  by month and  by company/project/region  2021 العائرة الفنية خلال 2021 العائرة الفنية على المصافي وشركات الغاز الوطنية خلال 2021 العائرة الفنية على المصافي وشركات الغاز الوطنية على المصافي وشركات الغاز الوطنية على المصافي وشركات الغاز الوطنية و العائرة العائ |   | حسب الشهر و *  |               |  |  |  |
| • by commodity • by month and • by month and • by company/project/region  2021 الدائرة الفنية خلال المصافي وشركات الغاز الوطنية خلال 2021  2021 مصب السلعة * حسب السلعة * حسب الشركة/المشروع/المنطقة * حسب الشركة/المشروع/المنطقة *  Wissan Oil Company (MOC) شصلة حسب الضريبة وحسب صاحب الرخصة  عرب البردادات (النقدية / المينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة ميسان  |   | حسب الشركة/المشر و ع/المنطقة *   |               |  |  |  |
| • by month and     • by month and     • by company/project/region      • by company/project/region      • 2021 الدائرة الفنية خلال المصافي وشركات الغاز الوطنية خلال العناق المصافي وشركات الغاز الوطنية خلال العناق       |   | Petroleum products production by refineries and National Gas Companies during 2021 detailed                          |               |  |  |  |
| ### winistry of Oil (MoO) / Technical Directory عنوسل المسافع في وشركات الغاز الوطنية خلال 2021 عنوسل المسافع في وشركات الغاز الوطنية خلال 2021 عنوسا السلعة *  حسب الشهر و *  حسب الشركة/المشروع/المنطقة *  خسب الشركة/المشروع/المنطقة *  ### wissan Oil Company (MOC) منوسلة حسب الضريبة وحسب صاحب الرخصة الإيرادات (النقدية / العينية) المستلمة خلال 2021 منوسلة حسب الضريبة وحسب صاحب الرخصة منوسان   |   | by commodity   |               |  |  |  |
| الدائرة الغنية 2021 عنصيل إنتاج المنتجات البترولية من قبل المصافي وشركات الغاز الوطنية خلال 2021 عنصيل إنتاج المنتجات البترولية من قبل المصافي وشركات الغاز الوطنية خلال الدائرة الغنية على 2021 عسب الشهر و * حسب الشركة/المشروع/المنطقة *  Wissan Oil Company (MOC) شركة نفط Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  عبران بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة ميسان  |   | • by month and   |               |  |  |  |
| الدائرة الغنية 2021 عنصيل إنتاج المنتجات البترولية من قبل المصافي وشركات الغاز الوطنية خلال 2021 عنصيل إنتاج المنتجات البترولية من قبل المصافي وشركات الغاز الوطنية خلال الدائرة الغنية على 2021 عسب الشهر و * حسب الشركة/المشروع/المنطقة *  Wissan Oil Company (MOC) شركة نفط Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  عبران بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة ميسان  | Ministry of Oil (MoO) / Technical                 | by company/project/region  | 0.40.4.40.000 |  |  |  |
| حسب السلعة * حسب السلعة * حسب الشهر و * حسب الشهر و * حسب الشركة/المشروع/المنطقة * حسب الشركة/المشروع/المنطقة *  Wissan Oil Company (MOC) شركة نفط Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة ميسان   | الدائرة الفنية Directory                          |  | 9/24/2023     |  |  |  |
| حسب الشركة/المشروع/المنطقة *  Aissan Oil Company (MOC) شركة نفط Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة  |   | e de la companya de        |               |  |  |  |
| حسب الشركة/المشروع/المنطقة *  Aissan Oil Company (MOC) شركة نفط Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة  |   | حسب الشهر و *  |               |  |  |  |
| Wissan Oil Company (MOC) شركة نفط Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.  9/24/2023 بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة  |   | 1  |               |  |  |  |
| 9/24/2023 بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة  | Missan Oil Company (MOC) شركة نفط                 | <u>u</u>   |               |  |  |  |
| , , ,   | ميسان   |  | 9/24/2023     |  |  |  |
|   |   | Overview of the Oil sector in the fields operated by MOC, including any significant exploration activities.          | 9/24/2023     |  |  |  |

| Entity  | Description   | Request date |  |  |
|---|---|--------------|--|--|
| شرکة نفط Missan Oil Company (MOC) شرکة نفط                              | نظرة عامة على قطاع النفط في الحقول التي تدير ها وزارة النفط، بما في ذلك أي أنشطة استكشافية مهمة   |              |  |  |
| Missan Oil Company (MOC) شرکة نفط<br>میسان                              | Recent map of Oil exploration areas and production of the fields operated by MOC. خريطة حديثة لمناطق التنقيب عن النفط وإنتاج الحقول التي تدير ها الشركة   | 9/24/2023    |  |  |
| شرکة نفط Missan Oil Company (MOC) میسان                                 | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 December 2021.  حصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 2021  |              |  |  |
| شرکة نفط Missan Oil Company (MOC) میسان                                 | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical   |              |  |  |
| شرکة نفط Missan Oil Company (MOC) میسان                                 | servicing, etc. outside of the national budgetary process   |              |  |  |
| شرکة نفط Missan Oil Company (MOC) میسان                                 | Production data during 2021, including total production volumes and the value of production by commodity, by state/region and by company or project.  بيانات الإنتاج خلال 2021، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع       |              |  |  |
| Missan Oil Company (MOC) شرکة نفط<br>میسان                              | Export data during 2021, including total export volumes and the value of exports by commodity, by state/region of origin and by company or project. بيانات التصدير خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة ومنطقة المنشأ وحسب الشركة أو المشروع. | 9/24/2023    |  |  |
| Missan Oil Company (MOC) شرکة نفط<br>میسان                              | Detail of producing and non-producing reserves for the fields operated by MOC.<br>تفاصيل الاحتياطيات المنتجة وغير المنتجة للحقول التي تدير ها الشركة خلال سنتي 2021   | 9/24/2023    |  |  |
| Missan Oil Company (MOC) شرکة نفط<br>میسان                              | Oil Company (MOC) شركة نفط Audited financial statements for 2021 (or the last audit report) البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)   |              |  |  |
| Oil Products Distribution Company<br>(OPDC) شرکة توزیع المنتجات النفطیة | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)   |              |  |  |
| المركة نفط الشمال (North Oil Company (NOC)                              | Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder.<br>بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة  | 9/24/2023    |  |  |
| المركة نفط الشمال (NOC) North Oil Company                               | Overview of the Oil sector in the fields operated by NOC including any significant exploration activities   |              |  |  |

| Entity                                  | Description  | Request date |
|---|--|--------------|
| Morth Oil Company (NOC) شركة نفط الشمال | Recent map of Oil and Gas exploration areas and production of the fields operated by NOC.  |              |
| Literary Company (Index)                | خريطة حديثة لمناطق التنقيب عن النفط والغاز وإنتاج الحقول التي تديرها الشركة  | 9/24/2023    |
|   | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31  |              |
| شركة نفط الشمال (NOC) North Oil Company |  | 9/24/2023    |
|   | حصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 2021   |              |
|   | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and  |              |
|   | infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical  |              |
| شركة نفط الشمال (NOC) North Oil Company |  | 9/24/2023    |
|   | أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية النحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب    |              |
|   | عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع.   |              |
|   | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby NOC undertake public social   |              |
|   | expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt  |              |
| شركة نفط الشمال (NOC) North Oil Company | servicing, etc. outside of the national budgetary process.   | 9/24/2023    |
|   | تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية |              |
|   | العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية.   |              |
|   | Production data during 2021, including total production volumes and the value of production by commodity, by   |              |
| شركة نفط الشمال (NOC) North Oil Company | state/region and by company or project.  |              |
|   | بيانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع.  |              |
|   | Export data during 2021, including total export volumes and the value of exports by commodity, by state/region   |              |
| شركة نفط الشمال (NOC) North Oil Company | of origin and by company or project.   | 9/24/2023    |
|   | بيانات النصدير خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة ومنطقة المنشأ وحسب الشركة أو المشروع.                                  |              |
| شركة نفط الشمال (NOC) North Oil Company | Detail of producing and non-producing reserves for the fields operated by NOC.   | 9/24/2023    |
| سرحة نقط السمال (NOC) المرحة نقط السمال | تفاصيل الاحتياطيات المنتجة وغير المنتجة للحقول التي تديرها الشركة خلال سنتي 2021   | 9/24/2023    |
| شركة نفط الشمال (NOC) North Oil Company | Audited financial statements for 2021 (or the last audit report)   |              |
| سرحة نقط السمال (NOC) المرحة نقط السمال | البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)  | 9/24/2023    |
| شرکة (NRC) North Refineries Company     | Statement of all taxes paid during 2021 detailed by tax type and by date.  | 9/24/2023    |
| مصافي الشمال                            | بيان بجميع الضرائب المدفوعة خلال 2021 مفصلة حسب نوع الضريبة والتاريخ   | 9/24/2023    |
|   | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and  |              |
| North Polinories Company (NPC) 16 *     | infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical  |              |
| شرکة (North Refineries Company (NRC)    | delivery of such commodities.  | 9/24/2023    |
| مصافي الشمال                            | أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية التحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب    |              |
|   | عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع  |              |

| Entity  | Description  | Request date |  |
|---|--|--------------|--|
| North Refineries Company (NRC) شركة<br>مصافي الشمال   | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby NRC undertake public social expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt servicing, etc. outside of the national budgetary process.  تفاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية. |              |  |
| North Refineries Company (NRC) شركة<br>مصافي الشمال   | Production data during 2021, including total production volumes and the value of production by commodity, by state/region and by company or project. بيانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع.   |              |  |
| North Refineries Company (NRC) شركة<br>مصافي الشمال   | Sales data during 2021, including total export volumes and the value of exports by commodity, by state/region of origin and by company or project. بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة، حسب الولاية/منطقة المنشأ وحسب الشركة أو المشروع   | 9/24/2023    |  |
| Morth Refineries Company (NRC) شركة<br>مصافي الشمال   | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)  | 9/24/2023    |  |
| Oil Exploration Company (OEC) شركة<br>الإستكشافات النفطية   |  |              |  |
| Oil Exploration Company (OEC) شركة<br>الاستكشافات النفطية   | Detail of exploration activities carried out by OEC during 2021.  تسركة (المستكشافية التي قامت بها الشركة خلال 2021)   |              |  |
| Oil Exploration Company (OEC) شركة<br>الاستكشافات النفطية   | Overview of the Oil & Gas sector, including any significant exploration activities.<br>نظرة عامة على قطاع النفط والغاز، بما في ذلك أي أنشطة استكشاف مهمة   | 9/24/2023    |  |
| Oil Exploration Company (OEC) شركة<br>الإستكشافات النفطية   | Recent map of Oil and Gas exploration areas. خريطة حديثة لمناطق التنقيب عن النفط والغاز  | 9/24/2023    |  |
| Oil Exploration Company (OEC) شركة<br>الاستكشافات النفطية   | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31  |              |  |
| Detail of quasi-fiscal expenditures in 2021 including arrangements whereby OEC undertake public social expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt servicing, etc. outside of the national budgetary process.  الاستكشافات النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفو عات الخدمات الاجتماعية والبنية التحتية الحوانية وما إلى ذلك خارج عملية الموازنة الوطنية. |  | 9/24/2023    |  |
| Oil Exploration Company (OEC) شركة<br>الإستكشافات النفطية   |  |              |  |
| Oil Exploration Company (OEC) شركة<br>الإستكشافات النفطية   | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)  | 9/24/2023    |  |

| Entity   | Description   | Request date |  |
|--|---|--------------|--|
| Oil Marketing Company (SOMO)   | Statement of crude oil export related to NOCs and IOCs and other revenues (cash / in-kind) received during 2021 detailed by payment flow and by licence holder. بيان صادرات النفط الخام المتعلقة بشركات النفط الوطنية وشركات النفط العالمية والإيرادات الأخرى (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب تدفق المدفوعات وصاحب الترخيص.  |              |  |
| Oil Marketing Company (SOMO)   | Details of internal service payments made to SOEs in the upstream sector during 2021.<br>تفاصيل مدفوعات الخدمات الداخلية المقدمة للشركات المملوكة للدولة في قطاع التنقيب والإنتاج خلال 2021   | 9/24/2023    |  |
| Oil Marketing Company (SOMO)   | Details of costs recovery and remuneration fees made to IOCs during 2021 detailed by oil field and company name.  تقاصيل استرداد التكاليف ورسوم المكافآت المقدمة لشركات النفط العالمية خلال 2021 مفصلة حسب حقل النفط واسم الشركة.   | 9/24/2023    |  |
| Oil Marketing Company (SOMO)   | Export data for 2021, including total export volumes and the value of exports by commodity, by state/region of origin and by company or project. بيانات التصدير ل2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة، حسب الولاية/منطقة المنشأ وحسب الشركة أو المشروع   | 9/24/2023    |  |
| Oil Marketing Company (SOMO)   | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو أخر تقرير تدقيق)   | 9/24/2023    |  |
| State company for Oil Projects (SCOP)<br>شركة المشاريع النفطية   | 2) List of ongoing petroleum projects in 2021<br>قائمة المشاريع البترولية الجاري تنفيذها 2021   |              |  |
| State company for Oil Projects (SCOP)<br>شركة المشاريع النفطية   | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)   | 9/24/2023    |  |
| شركة غاز (SGC) South Gas Company<br>الجنوب   | Statement of all revenues (cash / in-kind) received during 2021 detailed by tax and by licence holder. بيان بجميع الإيرادات (النقدية / العينية) المستلمة خلال 2021 مفصلة حسب الضريبة وحسب صاحب الرخصة.  | 9/24/2023    |  |
| شركة غاز (SGC) South Gas Company<br>الجنوب   | Overview of the Gas sector in the fields operated by SGC, including any significant exploration activities.<br>نظرة عامة على قطاع الغاز في الحقول التي تدير ها شركة غاز الجنوب، بما في ذلك أي أنشطة استكشاف مهمة  | 9/24/2023    |  |
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Recent map of Oil and Gas exploration areas and production of the fields operated by NGC. خريطة حديثة لمناطق التنقيب عن النفط والغاز وإنتاج الحقول التي تديرها الشركة   | 9/24/2023    |  |
| ي Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 December 2021.    Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 December 2021. |   | 9/24/2023    |  |
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical delivery of such commodities. أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية التحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع | 9/24/2023    |  |

| Entity   | Description   | Request date |
|--|---|--------------|
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby SGC undertake public social expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt servicing, etc. outside of the national budgetary process.  قضيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفوعات الخدمات الاجتماعية والبنية التحتية العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية.    |              |
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Production data during 2021, including total production volumes and the value of production by commodity, by state/region and by company or project. ييانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع.  | 9/24/2023    |
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Export data during 2021, including total export volumes and the value of exports by commodity, by state/region of origin and by company or project. بيانات التصدير خلال 2021 ، بما في ذلك إجمالي حجم الصادرات وقيمة الصادرات حسب السلعة ومنطقة المنشأ وحسب الشركة أو المشروع.   | 9/24/2023    |
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Detail of producing and non-producing reserves for the fields operated by SGC. تفاصيل الاحتياطيات المنتجة وغير المنتجة للحقول التي تديرها الشركة خلال سنتي 2021   | 9/24/2023    |
| South Gas Company (SGC) شركة غاز<br>الجنوب   | Audited financial statements for 2021 (or the last audit report)<br>البيانات المالية المدققة ل2021 (أو آخر تقرير تدقيق)   | 9/24/2023    |
| South Refineries Company (SRC) شركة<br>مصافي الجنوب  | Statement of all taxes paid during 2021 detailed by tax type and by date. بيان بجميع الضرائب المدفوعة خلال 2021 مفصلة حسب نوع الضريبة والتاريخ.   |              |
| South Refineries Company (SRC) شركة<br>مصافي الجنوب  | Any agreements or sets of agreements involving the provision of goods and services (including loans, grants and infrastructure works), in full or partial exchange for oil, gas exploration or production concessions or physical delivery of such commodities.  أي اتفاقيات أو مجموعة من الاتفاقيات تتضمن توفير السلع والخدمات (بما في ذلك القروض والمنح وأعمال البنية التحتية)، في مقابل كلي أو جزئي لامتيازات التنقيب عن النفط أو الغاز أو الإنتاج أو التسليم المادي لهذه السلع.                                     |              |
| South Refineries Company (SRC) شركة<br>مصافي الجنوب  | Detail of quasi-fiscal expenditures in 2021 including arrangements whereby SRC undertake public social expenditure such as payments for social services, public infrastructure, fuel subsidies and national debt servicing, etc. outside of the national budgetary process.  تقاصيل النفقات شبه المالية في 2021 بما في ذلك الترتيبات التي بموجبها تتولى الشركة النفقات الاجتماعية العامة مثل مدفو عات الخدمات الاجتماعية والبنية التحتية العامة ودعم الوقود وخدمة الدين الوطني وما إلى ذلك خارج عملية الموازنة الوطنية. |              |
| South Refineries Company (SRC) شركة  | Production data during 2021, including total production volumes and the value of production by commodity, by state/region and by company or project. بيانات الإنتاج خلال 2021 ، متضمنة أحجام الإنتاج الإجمالية وقيمة الإنتاج حسب السلعة والمنطقة وحسب الشركة أو المشروع.  |              |
| outh Refineries Company (SRC) مشركة Sales data during 2021, including total export volumes and the value of exports by commodity, by state/region of origin and by company or project.  مصافي الجنود مصافي الجنود المشروع. |   | 10/30/2023   |

| Entity  | Description   | Request date |
|---|---|--------------|
| South Refineries Company (SRC) شرکة   | Audited financial statements for 2021 (or the last audit report)  |              |
| ل 2021 (أو آخر تقرير تدقيق)   |   | 10/30/2023   |
| Thi-Qar Oil Company (TQOC) شرکة نفط   | Inventory of shareholdings (direct and indirect) in the extractive companies on 31 December 2020 and 31 |              |
| نوی قار استان است | December 2021.  | 9/24/2023    |
| دي در   | حصر المشاركات (المباشرة وغير المباشرة) في الشركات الاستخراجية في 31 ديسمبر 2020 و 31 ديسمبر 2021        |              |

# Annex 3: Register of active mining licences

| N° | Investor Name                      | Factory name            | Licence<br>number |
|----|------------------------------------|-------------------------|-------------------|
| 1  | Ali Kazem Abdul<br>Hashim          | NC                      | 3173              |
| 2  | Emad Mohsen<br>Kazem               | NC                      | 6166              |
| 3  | Kazem Ali<br>Zameem                | NC                      | 6448              |
| 4  | Hussam Ali<br>Hassouni             | NC                      | 6014              |
| 5  | Abdul Redha<br>Hadi Hassouni       | NC                      | 5444              |
| 6  | Ahmed Salman<br>Rashid             | NC                      | 6446              |
| 7  | Haider Ali<br>Khudair              | NC                      | 6016              |
| 8  | Abbas Ali<br>Hassouni              | NC                      | 6017              |
| 9  | Abdul Hassan<br>Salem Dakhil       | NC                      | 5533              |
| 10 | Dargham<br>Mohsen Kazem            | NC                      | 5531              |
| 11 | Mustafa Rizk<br>Abdul Ali          | Barakat al-<br>Rahman   | 5011              |
| 12 | Mustafa Karim<br>Hassan            | Al-Baghdadi<br>al-Awwal | 7366              |
| 13 | Sameer Jasim<br>Sultan             | NC                      | 8888              |
| 14 | Sabri Farhan<br>Hassoun            | Al-Farasha              | 24955             |
| 15 | Nasr Saleh<br>Khalef               | Al-Jisr                 | 22779             |
| 16 | Iraqi Gypsum<br>Company<br>Limited | NC                      | 25517             |
| 17 | Jaafar Hussein<br>Shihail          | Al-Awail                | 31739             |
| 18 | Mohsen Hajim<br>Hassan             | Kamil Jabir             | 31741             |
| 19 | Jabbar Khalef<br>Abdul Jabbar      | Jabbar                  | 26026             |
| 20 | Majid Jabbar<br>Khalef             | Al-Sahra                | 26027             |
| 21 | Hassan Ali Sari                    | Hassan al-Akili         | 28701             |
| 22 | Ali Dasher Isaid                   | Al-Janabi               | 1859              |

| N° | Investor Name                                      | Factory name           | Licence<br>number |
|----|--|------------------------|-------------------|
| 23 | Shadia Shakir<br>Omar                              | Al-Dhahab al-<br>Abyad | 652               |
| 24 | Imran Sabih<br>Ouda                                | NC                     | 6922              |
| 25 | On behalf of the<br>heirs / Ahmed<br>Othman Khalef | Uthman                 | 1065              |
| 26 | Wathiq<br>Mohammed<br>Khalef                       | Al-Walaa               | 1064              |
| 27 | Youssef Saleh<br>Dhiab                             | Al-Sabah               | 1697              |
| 28 | Wajdi<br>Mohammed<br>Khalef                        | Alaa                   | 1063              |
| 29 | Mahdi Saleh<br>Dhiab                               | Mahdi                  | 1686              |
| 30 | Abbas Zidan<br>Khalef Obeid                        | Al-Tasamuh             | 1694              |
| 31 | Qais Khalef<br>Abdul                               | Qais                   | 1062              |
| 32 | Mohammed<br>Khalef Abd                             | Al-Amani               | 1061              |
| 33 | Zidan Khalef<br>Obeid                              | Al-Bayan               | 1691              |
| 34 | Ahmed Nasser<br>Akar                               | Al-Nasr                | 1861              |
| 35 | Wadi Shahadha<br>Ahmed                             | Al-Wadi                | 1704              |
| 36 | Hussein Ali<br>Saleh                               | Hussein                | 1703              |
| 37 | Saddam Fares<br>Khalef                             | Saddam                 | 1701              |
| 38 | Saleh Dhiab<br>Ahmed                               | Saleh                  | 1702              |
| 39 | Mohammed<br>Mukhlif<br>Mohammed                    | Al-Nasaf               | 1705              |
| 40 | Anwar Ali Saleh                                    | Al-Salih               | 1693              |
| 41 | Diaa Ali Saleh                                     | Nur al-Huda            | 1700              |
| 42 | Saleh Dhiab<br>Ahmed                               | Al-Meeqat              | 1698              |

| N° | Investor Name  | Factory name      | Licence<br>number |
|----|--|-------------------|-------------------|
| 43 | Fawaz Duah<br>Suleiman                                   | Al-Burhan         | 1695              |
| 44 | Abdul Sattar<br>Mohammed<br>Abdullah                     | Abdul Sattar      | 1690              |
| 45 | Diaa Abdul<br>Hussain<br>Dhayakh                         | Al-Baha           | 35199             |
| 46 | Kufa Cement<br>Plant                                     | NC                | 52                |
| 47 | Al-Rasheed<br>Company for<br>Construction<br>Contracting | NC                | 8864              |
| 48 | Saad Abdul<br>Wahid Abdul<br>Sahib                       | Al-Amir           | 35197             |
| 49 | Star Gyar<br>Ahmila                                      | Naseem<br>Company | 35207             |
| 50 | Ahmed Yahya<br>Daikh                                     | NC                | 15282             |
| 51 | Tawfiq Shanishil<br>Khalef                               | NC                | 1505              |
| 52 | Mustafa Kazem<br>Ali                                     | Ramadan           | 7484              |
| 53 | Jassim Makhit<br>Mohsen                                  | Saif Saad         | 3458              |
| 54 | Baha Hadi<br>Ne'ma and<br>Hamza Hussein<br>Ali           | Al-Risalah        | 713               |
| 55 | Abbas Hadi<br>Mohammed                                   | NC                | 1566              |
| 56 | Ahmed Awad<br>Khalifa                                    | Ahmed             | 1696              |
| 57 | Diaa Awad Diras  | Al-Amir           | 1692              |
| 58 | Abdul Hussain<br>Sabri Musa                              | NC                | 962               |
| 59 | Riyad Abdul<br>Zahra Anjur                               | NC                | 342               |
| 60 | Unknown Dham<br>Ali Mujhool                              | NC                | 7358              |

| N° | Investor Name  | Factory name           | Licence<br>number |
|----|--|------------------------|-------------------|
| 61 | Falih Hassan<br>Saleh  | Al-Khair               | 1515              |
| 62 | Abdul Amir<br>Shaker Mutashar                                | Lazam                  | 14613             |
| 63 | Abdul Rahman<br>Mohammed<br>Ouda                             | Abdul Rahman           | 1516              |
| 64 | Kufa Cement<br>Plant   | NC                     | 845               |
| 65 | Ahmed<br>Mohammed<br>Mustafa                                 | Bazian<br>Company      | 3087              |
| 66 | Ghasan<br>Mohammed<br>Samut                                  | Al-Rashid al-<br>Thani | 9121              |
| 67 | Majid Youssef<br>Hani  | Al-Imamin              | 9045              |
| 68 | Salim Hussein<br>Mohammed                                    | Al-Kut al-<br>Fanni    | 35193             |
| 69 | Ahmed Kazem<br>Humaila                                       | Taj al-Din             | 3067              |
| 70 | Qasim Awad<br>Jaber  | NC                     | 17843             |
| 71 | Mohannad<br>Ismail Amer                                      | NC                     | 1460              |
| 72 | Abbas Hussein<br>Jabbar                                      | NC                     | 1851              |
| 73 | Dureid Abdul<br>Sattar Abbas                                 | Dureid                 | 18944             |
| 74 | On behalf of the<br>heirs Karama<br>Abdul Jabbar<br>Abdullah | Karim                  | 18939             |
| 75 | Karama Abdul<br>Jabbar Abdullah                              | Al-Abadi               | 18943             |
| 76 | Hamed Kareef<br>Nawaf  | Al-Rawan               | 18942             |
| 77 | Khamees Obeid<br>Ibrahim                                     | Hatem                  | 18940             |
| 78 | Dureid Abdul<br>Sattar Abbas                                 | Al-Harith              | 18945             |
| 79 | Talib Hussein<br>Salman                                      | Al-Maali<br>Company    | 35167             |
| 80 | Amer Jabir<br>Katat  | Al-Bahrain<br>Company  | 3581              |

| Ν°  | Investor Name  | Factory name          | Licence<br>number |
|-----|--|-----------------------|-------------------|
| 81  | Ali Qasim Ali  | NC                    | 1969              |
| 82  | Ahmed Kazar<br>Hamza   | Barakat al-<br>Zahra  | 189               |
| 83  | Mahdi Hussain<br>Ali and his<br>partner Ahmed<br>Hussain Ali | NC                    | 7530              |
| 84  | Raad<br>Mohammed Aziz  | Al-Nil<br>Company     | 35168             |
| 85  | Ali Jabbar<br>Jassem   | NC                    | 1998              |
| 86  | Qasim Hussain<br>Hameed                                      | Al-Shumukh            | 31325             |
| 87  | Adnan Sout Sabt  | Al-Shabah             | 31323             |
| 88  | Alaa Raheem<br>Mohammed                                      | Haydar                | 962               |
| 89  | The Abbasid<br>Threshold                                     | NC                    | 646               |
| 90  | Rizq Abdul Ali   | Shirkat Al-Nur        | 6873              |
| 91  | Rizq Abdul Ali   | Shirkat Al-<br>Ataa   | 6877              |
| 92  | Hussain Ali Musa   | Al-Ghadir             | 1870              |
| 93  | Abd Taazim<br>Kazem Jasim                                    | Al-Suniyyah           | 1871              |
| 94  | Hamid Musa<br>Mohammed                                       | Al-Rafidain           | 14841             |
| 95  | Salam Hakim<br>Jawad   | Al-Baqi'              | 6119              |
| 96  | Mustafa Rizq<br>Abdul and<br>Montathar Rizq<br>Abdul         | Tabarak Al-<br>Rahman | 1824              |
| 97  | Sabah Tufah<br>Ardini  | NC                    | 474               |
| 98  | Rizq Jabir Katat   | Al-Shaheen            | 35205             |
| 99  | Hussein<br>Abdullah Hassan                                   | NC                    | 6729              |
| 100 | Mohammed<br>Ziyara Hassouni                                  | Ashthria              | 696               |
| 101 | Faisal Saleh<br>Mutashar                                     | Faleh                 | 1445              |
| 102 | Mohanned Salim<br>Bdeewi                                     | Al-Rida               | 767               |
| 103 | Abdullah Hassan<br>Saad                                      | Al-Furat              | 2159              |

| N°  | Investor Name                                | Factory name   | Licence<br>number |
|-----|--|----------------|-------------------|
| 104 | Abdullah Hassan<br>Saad                      | Abdullah       | 2158              |
| 105 | Abdullah Hassan<br>Saad                      | Al-Barakah     | 2157              |
| 106 | Alaa Raheem<br>Mohammed                      | Al-Mamlahah    | 963               |
| 107 | Saadiq Abdul<br>Qadir Fadel                  | Ard Al-Khayrat | 3526              |
| 108 | Mohammed<br>Abdul Amir<br>Shaker             | Sajjad         | 15617             |
| 109 | Riyadh Abdul<br>Amir Shaker                  | Al-Emad        | 15616             |
| 110 | Adel Hussein<br>Badr                         | Al-Samawa      | 13871             |
| 111 | Mohammed Salim Aweed and partners            | Al-Watheq      | 8578              |
| 112 | Hussain Haider<br>Sabah                      | NC             | 7528              |
| 113 | Mohannad Jabir<br>Sbahi                      | Al-Suwayr      | 14414             |
| 114 | Gayth Ehsan<br>Hadi                          | Al-Furqan      | 18186             |
| 115 | Zaid Dhiaab<br>Tufah                         | NC             | 473               |
| 116 | Saleh Hameed<br>Abdul Hussein                | NC             | 13626             |
| 117 | Adnan Noor<br>Hussein                        | Adnan          | 1965              |
| 118 | Riyadh Naeem<br>Abdul                        | Riyadh         | 1564              |
| 119 | Najma Al-<br>Samawa Plant                    | NC             | 12834             |
| 120 | Raad Sharif<br>Hantoush                      | Al-Furatayn    | 10585             |
| 121 | Fadel Hussein<br>Badr                        | Fadak          | 21221             |
| 122 | Mazen Na'ma<br>Aliwi, Ismail<br>Jassim Aboud | Jar Al-Imam    | 20125             |
| 123 | Montaser<br>Huwash<br>Mahuder                | Al-Manahil     | 36059             |

| Mohammed Abdul Rahman Masrubat  125 Thamer Abdul Aziz Mohammed Thamer Al-Ali 2725  126 Zaidan Khilaf Dakhil 127 Hadi Anad Abdul Hadi 128 Jasim Hamoud Hussoun 129 Alaa Jassim Mohammed NC 130 Nisan Mashan Abdul 131 Abdul Amir Marza Hamza 132 Faiq Youssef Hani 133 Farhan Hussouni Hajim Al-Ataa 134 Ali Khalef Jasim Al-Alaa 135 Rasim Khairallah Sbahi Al-Jabri 136 Imad Hussein Mohammed Ali 137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Atar Atar  140 Raheem Khudair Kazem Kajim Al-Zahraa 141 Salam Youssef Jasim NC 12834 142 Najma Al-Sama Al-Jawhara 143 Madi Kazem Fadil 144 Madi Kazem Fadil 145 Raed Khalef Raed Khalef Saqr Al- Rafidain 15399   | N°  | Investor Name           | Factory name  | Licence<br>number |
|--|-----|-------------------------|---------------|-------------------|
| 125 Aziz Mohammed 126 Zaidan Khilaf Dakhil 127 Hadi Anad Abdul 128 Jasim Hamoud Hussoun 129 Alaa Jassim Mohammed 130 Nisan Mashaan Abdul 131 Abdul Amir Marza Hamza 132 Faiq Youssef Hani 133 Farhan Hussouni 134 Ali Khalef Jasim 135 Basim Khairallah Sbahi 136 Imad Hussein Mohammed Ali 137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari Al-Jawhara 140 Raheem Khudair Kazem 141 Salam Youssef Jasim NC 142 Samawa Plant 143 Madi Kazem Fadil 144 Madi Kazem Fadil 145 Raed Khalef 146 Saqr Al- 147 Raheed Khalef 147 Raed Khalef 148 Raed Khalef 149 1528 1528 1528 1528 1529 1528 1528 1528 1528 1528 1528 1528 1528  | 124 | Abdul Rahman            | NC            | 12233             |
| 126 Dakhil NC 3525  127 Hadi Anad Abdul Hadi 5528  128 Jasim Hamoud Hussoun Jassim 2096  129 Alaa Jassim NC 4149  130 Nisan Mashaan Abdul Misan Mash'an 35201  131 Abdul Amir Marza Hamza NC 455  132 Faiq Youssef Hani Al-Ataa 35211  133 Farhan Hussouni Shirkat Bab Al-Ataa 35211  134 Ali Khalef Jasim Al-Milad 35213  135 Basim Khairallah Sbahi Al-Jabri 2415  136 Imad Hussein Baghdad Al-Hadith 2414  137 Abdullah Wakaa Fajjar NC 2873  Falah Saeed  138 Munshed and his partner The heirs of  139 Thabit Kazem Al-Bari 3627  Atar  140 Raheem Khudair Kazem Al-Jawhara 5953  141 Salam Youssef Jasim NC 12834  142 Najma Al-Samawa Plant NC 12834  143 Madi Kazem Fadil Al-Zahraa 2594  144 Madi Kazem Al-Sarim 2595  145 Raed Khalef Saqr Al-   | 125 | Aziz Mohammed           | Thamer Al-Ali | 2725              |
| 128 Jasim Hamoud Hussoun  129 Alaa Jassim NC  130 Nisan Mashaan Abdul Amir Marza Hamza  131 Abdul Amir Marza Hamza  132 Faiq Youssef Hani  133 Farhan Hussouni Shirkat Bab Al-Ataa Al-Ataa Ali Kazem Fadil  136 Abdullah Wakaa Fajjar  137 Abdullah Wakaa Fajjar  138 Munshed and his partner  139 Thabit Kazem Al-Bari Al-Bari Atar  140 Raheem Khudair Kazem Fadil  141 Samawa Plant  142 Madi Kazem Fadil  143 Madi Kazem Fadil  144 Madi Kazem Al-Zahraa  145 Raed Khalef  146 Saqr Al-  147 Rahed Kazem Al-Karim Saqr Al-  148 Raed Khalef  149  140 Addi Kazem Al-Zahraa  141 Samawa Plant  142 Madi Kazem Al-Zahraa  143 Madi Kazem Fadil  144 Raed Khalef  145 Raed Khalef  146 Saqr Al-   |     |                         | NC            | 3525              |
| Hussoun  Alaa Jassim  NC  Alaa Jassim  NC  Alaa Jassim  NC  Alaa Jassim  NC  Alaa Jassim  Nisan Mashaan  Abdul  Abdul Amir  Marza Hamza  NC  Astria  Faiq Youssef  Hani  Farhan Hussouni  Hajim  Al-Ataa  Al-Ataa  Al-Ataa  Al-Ataa  Al-Jabri  Abdullah Wakaa  Fajjar  Falah Saeed  Al-Aslah  Abdullah Wakaa  Fajjar  Falah Saeed  Al-Aslah  Al- | 127 | Hadi Anad Abdul         | Hadi          | 5528              |
| 130 Nisan Mashaan Abdul Nisan Mash'an 35201  131 Abdul Amir Marza Hamza NC 455  132 Faiq Youssef Hani Shirkat Bab Al-Ataa 35211  133 Farhan Hussouni Shirkat Bab Al-Ataa 35211  134 Ali Khalef Jasim Al-Milad 35213  135 Basim Khairallah Sbahi Al-Jabri 2415  136 Imad Hussein Baghdad Al-Hadith 2414  137 Abdullah Wakaa Fajjar Falah Saeed  138 Munshed and his partner The heirs of  139 Thabit Kazem Al-Bari 3627  Atar  140 Raheem Khudair Kazem Al-Bari 3627  Atar  141 Salam Youssef Jasim Yusuf 3553  142 Samawa Plant NC 12834  143 Madi Kazem Al-Zahraa 2594  144 Madi Kazem Al-Karim 2595  145 Raed Khalef Saqr Al-  | 128 |                         | Jassim        | 2096              |
| Abdul Nisan Mashan 35201  Abdul Amir Marza Hamza NC 455  132 Faiq Youssef Hani Shirkat Bab Al-Ataa 35211  134 Ali Khalef Jasim Al-Milad 35213  135 Basim Khairallah Sbahi Al-Jabri 2415  136 Imad Hussein Baghdad Al-Hadith 2414  137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari Atar  140 Raheem Khudair Kazem Al-Bari 3627  Atar Al-Jawhara 5953  141 Salam Youssef Jasim Yusuf 3553  142 Najma Al-Samawa Plant NC 12834  143 Madi Kazem Al-Zahraa 2594  144 Madi Kazem Al-Karim 2595  145 Raed Khalef Saqr Al-   | 129 |                         | NC            | 4149              |
| 131 Marza Hamza 132 Faiq Youssef Hani 133 Farhan Hussouni Hajim Al-Ataa 134 Ali Khalef Jasim Al-Milad 135 Basim Khairallah Sbahi 136 Imad Hussein Mohammed Ali 137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Atar 140 Raheem Khudair Kazem 141 Salam Youssef Jasim 142 Najma Al- Samawa Plant 143 Madi Kazem Fadil 144 Madi Kazem Al-Karim Al-Karim 2595 145 Raed Khalef Sagr Al- 15321 2415 2415 2415 2415 2415 2415 2416 2414 2414 2414 2414 2414 2415 2415 2415   | 130 |                         | Nisan Mash'an | 35201             |
| Hani  Hani  Shirkat Bab Al-Ataa  Ali Khalef Jasim Al-Ataa  Ali Khalef Jasim Al-Aibid  Al-Jabri  Abdullah Sbahi  Hajim Al-Jabri  Al-Jabri  Abdullah Wakaa Fajjar Falah Saeed  Al-Aslah  Al-Aslah  Basim Al-Aslah Abdullah Wakaa Fajjar Falah Saeed  Al-Aslah  Al- | 131 |                         | NC            | 455               |
| 133 Hajim Al-Ataa 35211 134 Ali Khalef Jasim Al-Milad 35213 135 Basim Khairallah Sbahi Al-Jabri 2415 136 Imad Hussein Baghdad Al-Hadith 2414 137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari 3627 Atar 140 Raheem Khudair Kazem Al-Jawhara 5953 141 Salam Youssef Jasim Yusuf 3553 142 Najma Al-Samawa Plant NC 12834 143 Madi Kazem Al-Zahraa 2594 144 Raed Khalef Saqr Al-   | 132 |                         | Atf           | 9049              |
| 135Basim<br>Khairallah SbahiAl-Jabri2415136Imad Hussein<br>Mohammed Ali<br>HadithBaghdad Al-<br>   | 133 |                         |               | 35211             |
| 135 Khairallah Sbahi Al-Jabri 2415  136 Imad Hussein Baghdad Al-Hadith 2414  137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari 3627 Atar  140 Raheem Khudair Kazem Al-Jawhara 5953  141 Salam Youssef Jasim Yusuf 3553  142 Najma Al-Samawa Plant NC 12834  143 Madi Kazem Al-Zahraa 2594  144 Madi Kazem Al-Karim 2595  145 Raed Khalef Saqr Al-  | 134 | Ali Khalef Jasim        | Al-Milad      | 35213             |
| 136 Mohammed Ali Hadith  137 Abdullah Wakaa Fajjar Falah Saeed 138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari 3627 Atar  140 Raheem Khudair Kazem Al-Jawhara 5953 141 Salam Youssef Jasim 142 Najma Al-Samawa Plant NC 12834 143 Madi Kazem Al-Zahraa 2594 144 Madi Kazem Al-Karim 2595 145 Raed Khalef Saqr Al-  | 135 |                         | Al-Jabri      | 2415              |
| Fajjar Falah Saeed  138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari 3627 Atar  140 Raheem Khudair Kazem Al-Jawhara 5953  141 Salam Youssef Jasim Yusuf 3553  142 Najma Al-Samawa Plant NC 12834  143 Madi Kazem Al-Zahraa 2594  144 Madi Kazem Fadil Al-Karim 2595  145 Raed Khalef Sagr Al-   | 136 |                         |               | 2414              |
| 138 Munshed and his partner The heirs of 139 Thabit Kazem Al-Bari 3627 Atar  140 Raheem Khudair Kazem Al-Jawhara 5953 141 Salam Youssef Jasim Yusuf 3553 142 Najma Al-Samawa Plant NC 12834 143 Madi Kazem Al-Zahraa 2594 144 Madi Kazem Fadil Al-Karim 2595 145 Raed Khalef Saqr Al-  | 137 |                         | NC            | 2873              |
| 139 Thabit Kazem Al-Bari 3627 Atar  140 Raheem Khudair Kazem Al-Jawhara 5953  141 Salam Youssef Jasim Yusuf 3553  142 Najma Al-Samawa Plant NC 12834  143 Madi Kazem Fadil Al-Zahraa 2594  144 Raed Khalef Saqr Al-  | 138 | Munshed and his partner | Al-Aslah      | 2357              |
| 140KazemAl-Jawhara5953141Salam Youssef<br>JasimYusuf3553142Najma Al-<br>Samawa PlantNC12834143Madi Kazem<br>FadilAl-Zahraa2594144Madi Kazem<br>FadilAl-Karim2595145Raed KhalefSagr Al-15399  | 139 | Thabit Kazem<br>Atar    | Al-Bari       | 3627              |
| 141       Jasim       Yusuf       3553         142       Najma Al-<br>Samawa Plant       NC       12834         143       Madi Kazem<br>Fadil       Al-Zahraa       2594         144       Madi Kazem<br>Fadil       Al-Karim       2595         145       Raed Khalef       Sagr Al-       15399  | 140 |                         | Al-Jawhara    | 5953              |
| 142 Samawa Plant NC 12834  143 Madi Kazem Fadil Al-Zahraa 2594  144 Madi Kazem Fadil Al-Karim 2595  145 Raed Khalef Saqr Al- 15399   | 141 | Jasim                   | Yusuf         | 3553              |
| 143       Fadil       Al-Zahraa       2594         144       Madi Kazem Fadil       Al-Karim       2595         145       Raed Khalef       Saqr Al-       15399   | 142 | Samawa Plant            | NC            | 12834             |
| Fadil Al-Karim 2595 Raed Khalef Saqr Al-   | 143 |                         | Al-Zahraa     | 2594              |
|  | 144 |                         | Al-Karim      | 2595              |
|  | 145 |                         |               | 15399             |

| Ν°  | Investor Name                     | Factory name          | Licence<br>number |
|-----|-----------------------------------|-----------------------|-------------------|
| 146 | Abdul Ali Yasser<br>Anbar         | Baladi                | 5501              |
| 147 | Abdul Hussein<br>Yasser Anbar     | Al-Rafidain           | 5500              |
| 148 | Abdul Latif<br>Mohammed<br>Hassan | Shirkat Al-<br>Qasim  | 13495             |
| 149 | Ismail Mahmoud<br>Hadeed          | Isma'il<br>Mahmoud    | 25656             |
| 150 | Youssef Jasim<br>Farhan           | Al-Mu'tasim           | 2090              |
| 151 | Ahmed Abdul<br>Farhan             | Al-Sadiq              | 2091              |
| 152 | Sameer Mustafa<br>Abbas           | Al-Saqr               | 2092              |
| 153 | Ali Atiya Douhi                   | NC                    | 7527              |
| 154 | Jasim Hamoud<br>Hussoun           | Abna' Al-Khalij       | 2097              |
| 155 | Qahtan Abdul<br>Tahir             | NC                    | 1689              |
| 156 | Taha Hamid<br>Kazem               | NC                    | 8031              |
| 157 | Alaa Eidan Jabr                   | NC                    | 2510              |
| 158 | Naima Raheema<br>Saad             | Al-'Aziz              | 2791              |
| 159 | Mohammed<br>Kareem Mu'idi         | Shirkat Al-<br>Wisam  | 13871             |
| 160 | Mohammed<br>Kareem Mu'idi         | Al-Mizan              | 13879             |
| 161 | Qasim Abdullah<br>Mohammed        | NC                    | 1687              |
| 162 | Hassan Khazal<br>Ali              | Shirkat 'Afak         | 1806              |
| 163 | Ubaid Shaker<br>Hamza             | Al-Karbala'i          | 2197              |
| 164 | Missan Oil<br>Company             | NC                    | 953               |
| 165 | Saadi Abdul<br>Mohammed           | Yanabee' Al-<br>Khayr | 6771              |
| 166 | Mohammed<br>Aboud Meesh           | Al-Salih              | 2556              |
| 167 | Mohammed<br>Aboud Meesh           | Al-Furqan             | 2558              |
| 168 | Mohammed<br>Aboud Meesh           | Al-Karrar             | 2557              |

| 169Kazem Meesh<br>UbaidKazim2559170Karbala Cement<br>Company<br>Karbala Cement<br>Company<br>Karbala Cement<br>Company<br>Karbala Cement<br>Company<br>Karbala Cement<br>Company<br>Karbala<br>Company<br>Karbala<br>Company<br>Karbala<br>Company<br>Karbala<br>Company<br>Karbala<br>Ahmed Abdul<br>Hassan UbaidAl-Musrat<br>Al-Musrat4903174Ahmed Abdul<br>Hassan Ubaid<br>Hassan UbaidAl-Salam<br>Al-Salam800175Amjad Abdul<br>Qadir Asaad<br>Salah Mohsen<br>NahiAl-Salam<br>Yahya4978177Heirs of Salman<br>Abbas MajwiAl-Rasul<br>Al-Rasul4591178Raisan Abdullah<br>Khudair<br>Flah Mutashir<br>NahawAl-Diqqah35165180Ibrahim Abbas<br>Janana<br>Al-Baqir1318181Ali Fadel Hassan<br>Ma'mun Rukhut<br>MadbAl-Mukhtar5375182Ma'mun Rukhut<br>MadbMa'mun9890183Ahmed Rukhut<br>MadbAhmed9891184Salah Fazaa Ali<br>MadbSalah9795185Naeem Abdul<br>Rumai<br>Nisan Ubaid<br>Nisan Ubaid<br>NSan Ubaid<br>NSan Ubaid<br>NSan Ubaid<br>NSan Ubaid<br>Hamid Hatem<br>Hamid Hatem<br>Hamid Hatem<br>Hamid Hatem<br>Hanashl<br>Hanashl<br>Hussain Falah<br>FanjanAl-Iman<br>Tayyibah25657<br>274188Dhaham Sarhan<br>JasimTayyibah4900189Hussain Falah<br>Fanjan<br>FanjanNC8177190Ali Falah Fanjan<br>FanjanNC8177  | Ν°  | Investor Name     | Factory name | Licence<br>number |
|--|-----|-------------------|--------------|-------------------|
| 170         Company         Karbala         4902           171         Karbala Cement Company         Siment Karbala         4904           172         Karbala Cement Company         Karbala         4905           173         Karbala Cement Company         Karbala         4903           174         Ahmed Abdul Al-Musrat         803           175         Amjad Abdul Qadir Asaad         Al-Salam         800           176         Salah Mohsen Nahi         Yahya         4978           177         Heirs of Salman Abbas Majwi         Al-Rasul         4591           178         Raisan Abdullah Khudair         Al-Jazeera         6096           179         Flah Mutashir Nabas Janana         Al-Diqqah         35165           180         Ibrahim Abbas Janana         Al-Baqir         1318           181         Ali Fadel Hassan Al-Mukhtar         5375           182         Ma'mun Rukhut Ma'mun         9890           183         Ahmed Rukhut Ahmed         9891           184         Salah Fazaa Ali Salah         9795           185         Naeem Abdul Rumai         NC         2487           186         Madb and Al-Iman         25657           187         Hamid Hate  | 169 | Ubaid             | Kazim        | 2559              |
| Tompany Karbala 4904  Karbala Cement Siment 4905  Karbala Cement Siment 4903  Karbala Cement Siment 4903  Karbala Cement Company Karbala 4903  Karbala Cement Siment 4903  Ahmed Abdul Al-Musrat 803  Amjad Abdul Qadir Asaad Al-Salam 800  Amjad Abdul Qadir Asaad Al-Salam 4978  Amjad Abdul Al-Salam 4978  Amjad Abdul Al-Salam 4978  Amjad Abdul Al-Salam 4978  Al-Rasul 4591  Raisan Abdullah Al-Jazeera 6096  Raisan Abdullah Al-Jazeera 6096  Raisan Abdullah Al-Jazeera 1318  Ibrahim Abbas Al-Baqir 1318  Ibrahim Abbas Al-Baqir 1318  Ali Fadel Hassan Al-Mukhtar 5375  Raisan Abdult Ma'mun 9890  Raisan Abdul Na'mun 9890  Raisan Abdul Na'mun 9890  Raisan Abdul NC 2487  Raisan Abdul NC 2487  Raisan Abdul NC 2487  Raisan Abdul NC 3487  Raisan Abdul Al-Iman 35657  | 170 | Company           | Karbala      | 4902              |
| Company Karbala 4905 Karbala Cement Siment 4903 Ahmed Abdul Al-Musrat 803 Ahmed Abdul Al-Salam 800 Company Ahmed Abdul Al-Salam 800 Company Ahmed Abdul Al-Salam 800 Alexand Abdul Al-Salam 4978 Alexand Abdul Al-Salam 4978 Alexand Abas Majwi Al-Rasul 4591 Alexand Abas Majwi Al-Jazeera 6096 Alexand Al-Baqir 1318 Ali Fadel Hassan Al-Baqir 1318 Ali Fadel Hassan Al-Mukhtar 5375 Alexand Alexand 9890 Alexand Alexand 9891 Alexand Alexand 9891 Alexand 9891 Alexand Alexand 9891 A | 171 | Company           | Karbala      | 4904              |
| Company Karbala Ahmed Abdul Hassan Ubaid Al-Musrat Amjad Abdul Qadir Asaad Al-Salam Abdas Majwi Al-Rasul Al-Rasul Al-Baqir Al-Baq | 172 | Company           | Karbala      | 4905              |
| Hassan Ubaid Ar-Musrat Amjad Abdul Qadir Asaad Al-Salam Al-Baqir A | 173 | Company           |              | 4903              |
| 175 Qadir Asaad Al-Salam 800 176 Salah Mohsen Yahya 4978 177 Heirs of Salman Abbas Majwi Al-Rasul 4591 178 Raisan Abdullah Khudair Al-Jazeera 6096 179 Flah Mutashir Al-Diqqah 35165 180 Ibrahim Abbas Janana Al-Baqir 1318 181 Ali Fadel Hassan Al-Mukhtar 5375 182 Ma'mun Rukhut Ma'mun 9890 183 Ahmed Rukhut Ahmed 9891 184 Salah Fazaa Ali Salah 9795 185 Naeem Abdul Rumai Nisan Ubaid 186 Madb and partners 187 Hamid Hatem Hanashl Phaham Sarhan Jasim Tayyibah 4900 188 Dhaham Sarhan Jasim Tayyibah 4900 189 Hussain Falah NC 8176 190 Ali Falah Fanjan NC 8176   | 174 | Hassan Ubaid      | Al-Musrat    | 803               |
| 176 Nahi Yahya 4978  177 Heirs of Salman Abbas Majwi Al-Rasul 4591  178 Raisan Abdullah Khudair Al-Jazeera 6096  179 Flah Mutashir Nahaw Al-Diqqah 35165  180 Ibrahim Abbas Janana Al-Baqir 1318  181 Ali Fadel Hassan Al-Mukhtar 5375  182 Ma'mun Rukhut Ma'mun 9890  183 Ahmed Rukhut Ahmed 9891  184 Salah Fazaa Ali Salah 9795  185 Naeem Abdul Rumai Nisan Ubaid 186 Madb and Partners Nisan Ubaid 186 Madb and Partners 187 Hamid Hatem Hanashl Dhaham Sarhan Jasim Tayyibah 4900  189 Hussain Falah Fanjan NC 8176  190 Ali Falah Fanjan NC 8176  | 175 |                   | Al-Salam     | 800               |
| Abbas Majwi Raisan Abdullah Khudair Al-Jazeera Al-Jazeera 6096 | 176 |                   | Yahya        | 4978              |
| Khudair Khukhut Khudair Khukhtar Khukhtar Khaimun Khai | 177 |                   | Al-Rasul     | 4591              |
| 179         Nahaw         Al-Diqqah         35165           180         Ibrahim Abbas Janana         Al-Baqir         1318           181         Ali Fadel Hassan         Al-Mukhtar         5375           182         Ma'mun Rukhut Madb         Ma'mun         9890           183         Ahmed Rukhut Madb         Ahmed         9891           184         Salah Fazaa Ali Salah         9795           185         Naeem Abdul Rumai         NC         2487           Nisan Ubaid         NC         2487           186         Madb and partners         Al-Iman         25657           187         Hamid Hatem Hanashl Hanshl         Hamid         5274           188         Dhaham Sarhan Jasim         Tayyibah         4900           189         Hussain Falah Fanjan         NC         8175           190         Ali Falah Fanjan         NC         8177           191         Ehsan Falah         NC         8176   | 178 |                   | Al-Jazeera   | 6096              |
| 180       Janana       Al-Baqir       1318         181       Ali Fadel Hassan       Al-Mukhtar       5375         182       Ma'mun Rukhut Madb       Ma'mun       9890         183       Ahmed Rukhut Madb       Ahmed       9891         184       Salah Fazaa Ali Salah       9795         185       Naeem Abdul Rumai Nisan Ubaid       NC       2487         186       Madb and partners       Al-Iman       25657         187       Hamid Hatem Hanashl       Hamid       5274         188       Dhaham Sarhan Jasim       Tayyibah       4900         189       Hussain Falah Fanjan NC       8175         190       Ali Falah Fanjan NC       8177         191       Ehsan Falah       NC       8176  | 179 |                   | Al-Diqqah    | 35165             |
| 182       Ma'mun Rukhut Madb       Ma'mun       9890         183       Ahmed Rukhut Madb       Ahmed       9891         184       Salah Fazaa Ali Salah       9795         185       Naeem Abdul Rumai Nisan Ubaid       NC       2487         186       Madb and Al-Iman Partners       25657         187       Hamid Hatem Hanashl Hamid       5274         188       Dhaham Sarhan Jasim Tayyibah       4900         189       Hussain Falah Fanjan NC       8175         190       Ali Falah Fanjan NC       8177         191       Ehsan Falah NC       8176  | 180 |                   | Al-Baqir     | 1318              |
| Madb Mamun  Mamun  9890  Mamun  9890  Mamun  9891  Madb  Ahmed Rukhut Madb  Salah Fazaa Ali Salah  9795  Maeem Abdul Rumai Nisan Ubaid  186 Madb and Al-Iman partners  Hamid Hatem Hanashl  Dhaham Sarhan Jasim  Tayyibah  MC  8175  Mamun  9890  Mamun  9890  Mamun  9890  Mamun  9890  Ali Falah Fanjan  NC  8175  Mamun  9890  Mamun  9890  Mamun  9890  Mamun  9890  Ali Falah Fanjan  NC  8176  | 181 |                   | Al-Mukhtar   | 5375              |
| 183         Madb         Anmed         9891           184         Salah Fazaa Ali         Salah         9795           185         Naeem Abdul Rumai         NC         2487           Nisan Ubaid         Al-Iman         25657           186         Madb and partners         Hamid Hatem         Hanashl           187         Hamid Hatem Hanashl         Hamid         5274           188         Dhaham Sarhan Jasim         Tayyibah         4900           189         Hussain Falah Fanjan         NC         8175           190         Ali Falah Fanjan         NC         8177           191         Ehsan Falah         NC         8176  | 182 |                   | Ma'mun       | 9890              |
| 185         Naeem Abdul Rumai         NC         2487           186         Madb and partners         Al-Iman         25657           187         Hamid Hatem Hanashl         Hamid         5274           188         Dhaham Sarhan Jasim         Tayyibah         4900           189         Hussain Falah Fanjan         NC         8175           190         Ali Falah Fanjan         NC         8177           191         Ehsan Falah         NC         8176   | 183 |                   | Ahmed        | 9891              |
| Rumai Nisan Ubaid  186 Madb and partners  187 Hamid Hatem Hanashl  188 Dhaham Sarhan Jasim  189 Hussain Falah Fanjan  190 Ali Falah Fanjan  191 Ehsan Falah  NC 248/  Al-Iman 25657  Al-Iman 2667  Al-Iman 2667  Al-Iman 2667  Al-Iman 2667  Al-Iman 2667  Al-Iman 26 | 184 |                   | Salah        | 9795              |
| 186Madb and partnersAl-Iman25657187Hamid Hatem HanashlHamid5274188Dhaham Sarhan JasimTayyibah4900189Hussain Falah FanjanNC8175190Ali Falah FanjanNC8177191Ehsan FalahNC8176  | 185 | Rumai             | NC           | 2487              |
| Hanashl  Banashl  Banashl  Banashl  Banashl  Banashl  Banashl  Banashl  Tayyibah  Banashl  Tayyibah  Banashl  Banashl  Banashl  Tayyibah  Banashl   | 186 | Madb and partners | Al-Iman      | 25657             |
| 188JasimTayyibah4900189Hussain Falah<br>FanjanNC8175190Ali Falah Fanjan<br>Ehsan FalahNC8177   | 187 | Hanashl           | Hamid        | 5274              |
| Fanjan NC 8175  190 Ali Falah Fanjan NC 8177  191 Ehsan Falah NC 8176  | 188 | Jasim             | Tayyibah     | 4900              |
| 191 Ehsan Falah NC 8176  | 189 |                   |              | 8175              |
| 191 N( 81/6  | 190 |                   | NC           | 8177              |
|  | 191 |                   | NC           | 8176              |

| N°  | Investor Name                    | Factory name | Licence<br>number |
|-----|----------------------------------|--------------|-------------------|
| 192 | Nizar Hatem<br>Rashid            | Nazar        | 7217              |
| 193 | Abdul Jabbar<br>Munajed Abbas    | Al-Qatif     | 7218              |
| 194 | Kazem Jassim<br>Rashid           | Al-Yaqin     | 1587              |
| 195 | Hadi Hamad<br>Dari               | Amin Ibrahim | 7541              |
| 196 | Mahmoud<br>Hussain Ali<br>Abdul  | Mahmoud      | 7540              |
| 197 | Saddam Hussain<br>Ali            | Saddam       | 7542              |
| 198 | Abdul Nabi<br>Saeed              | Al-Baladiyah | 2883              |
| 199 | Ali Abdul Nabi<br>Saeed          | Najm         | 2882              |
| 200 | Dawood Salim<br>Khalef           | NC           | 4543              |
| 201 | Ahmed Hilel<br>Sabt              | NC           | 3388              |
| 202 | Youssef Ahmed<br>Youssef         | Al-Bayda     | 9047              |
| 203 | Nawan Majbil<br>Naif             | Nawfan       | 9200              |
| 204 | Rashid Diraa<br>Naif             | Rashid       | 9199              |
| 205 | Raed<br>Mohammed<br>Abdul Rahman | Ra'id        | 25233             |
| 206 | Omar<br>Mohammed<br>Abdul Rahman | Al-Watani    | 25234             |
| 207 | Ali Mohammed<br>Abdul Rahman     | Ali          | 25237             |
| 208 | Jaafar Hadi<br>Hussouni          | NC           | 5315              |
| 209 | Maki Jassim<br>Jawad             | Al-Nil       | 20195             |
| 210 | Hamid Ajmi Ali                   | Al-Mashriq   | 4306              |
| 211 | Ibrahim<br>Mohammed<br>Ghazi     | NC           | 2474              |
| 212 | Imad Hussein<br>Jassem           | Al-Khalij    | 2872              |

| N°  | Investor Name                | Factory name            | Licence<br>number |
|-----|------------------------------|-------------------------|-------------------|
| 213 | Ahmed Yahya<br>Ouda          | Al-Mustafa Al-<br>Thani | 5188              |
| 214 | Ali Hussein<br>Jassem        | Al-Shuyukh              | 2871              |
| 215 | Ahmed Abdul<br>Hussein Jaber | Al-Mustafa Al-<br>Awwal | 5189              |
| 216 | Osman Ismail<br>Abbas        | Isma'il                 | 9796              |
| 217 | Hatem Hadeed<br>Foz          | Hatim                   | 9198              |
| 218 | Ghaleb Rasheed<br>Hassan     | Shatb                   | 7458              |
| 219 | Ali Hussein<br>Hassan        | Al-Hilal                | 7463              |
| 220 | Jasim Ibrahim<br>Jasim       | Al-Amir                 | 4452              |
| 221 | Majid Khalef<br>Abd Lahj     | Majid                   | 3931              |
| 222 | Akram Ali<br>Farhan          | Nur Al-Huda.            | 9406              |
| 223 | Ali Khaled<br>Witan          | NC                      | 2893              |
| 224 | Saad Hatem Ali               | Salah al-Din            | 5549              |
| 225 | Saleh Mahdi<br>Dhabakh       | Al-Taj                  | 19131             |
| 226 | Saleh Mahdi<br>Dhabakh       | Al-Dibaj                | 19127             |
| 227 | Salam Hussein<br>Sabe        | Al-Bayda                | 20641             |
| 228 | Ehsan Hazim<br>Majid         | NC                      | 248               |
| 229 | Khudair Hadi<br>Ghadhib      | Khudair                 | 5636              |
| 230 | Safaa Faisal<br>Awad         | NC                      | 682               |
| 231 | Shalal Naji<br>Obeid         | Al-Nile                 | 11997             |
| 232 | Safih Hassan<br>Arheema      | Al-Jaza'ir              | 3524              |
| 233 | Naeem Hassan<br>Arheema      | Al-Rafidain             | 3523              |
| 234 | Yassin<br>Mohammed<br>Obeid  | Al-Furat                | 3525              |

| N°  | Investor Name   | Factory name        | Licence<br>number |
|-----|---|---------------------|-------------------|
| 235 | Yassin<br>Mohammed<br>Obeid and<br>attorney Amirah<br>Jabr Saad     | Al-I'timad          | 3526              |
| 236 | Saleh Mahdi<br>Dhabakh  | Saleh               | 1567              |
| 237 | Haider Ismail<br>Sahib  | Haider              | 1568              |
| 238 | Ismail Sahib<br>Alwan   | Al-Qaryah           | 1569              |
| 239 | Mohammed<br>Kareem Qasim<br>and his partner<br>Mahdi Sahib<br>Alwan | Mahdi               | 1720              |
| 240 | Ismail Sahib<br>Alwan   | Isma'il             | 1566              |
| 241 | Safaa Khamees<br>Ali  | Safa                | 9639              |
| 242 | Shaker Hayal<br>Mayea   | Warda Diyala        | 9593              |
| 243 | On behalf of the<br>heirs / Madeeha<br>Abbas Abdul                  | Muhammad<br>Hussein | 11477             |
| 244 | Alaa Hussein Ali  | Alaa                | 7538              |
| 245 | On behalf of the<br>heirs / Suleiman<br>Majbil Ali                  | Muhammad            | 9197              |
| 246 | Mohammed<br>Talib Abdul<br>Rahman                                   | Muhammad<br>Talib   | 9196              |
| 247 | Nawaf Majbil Ali<br>and his partners                                | Al-Amil             | 12787             |
| 248 | Saadi Abdul<br>Mohammed<br>Khalil                                   | Al-Hikmah           | 2611              |
| 249 | Abbas Ali<br>Hussouni   | NC                  | 7956              |
| 250 | Hussain Adwar<br>Ouda   | NC                  | 7462              |
| 251 | Hussam Ali<br>Hussouni  | NC                  | 7957              |
| 252 | Dhirgham<br>Mohsen Kazem  | NC                  | 7959              |

| N°  | Investor Name                                     | Factory name         | Licence<br>number |
|-----|---|----------------------|-------------------|
| 253 | Abdul Redha<br>Hadi Hussouni                      | NC                   | 7958              |
| 254 | Abdul Hassan<br>Salim Dakhil                      | NC                   | 7955              |
| 255 | Kazem Ali<br>Zameem                               | NC                   | 6015              |
| 256 | Ali Anid Akar                                     | Al-Wisam             | 8302              |
| 257 | Amer Khazal Ali                                   | Al-Fajr Al-<br>Jamil | 7005              |
| 258 | Hussain<br>Abdullah Kaytan                        | NC                   | 7463              |
| 259 | Mohammed<br>Saeed Raouf                           | NC                   | 2917              |
| 260 | Haider Salman<br>Dawood                           | Al-Zahra             | 7045              |
| 261 | Suleiman Majbil<br>Ali                            | Al-Qadisiyah         | 9201              |
| 262 | On behalf of the<br>heirs / Zeinab<br>Saleh Mahdi | Al-Sahabah           | 9640              |
| 263 | Ubais Jassem<br>Rasheed                           | Jibran               | 17687             |
| 264 | Haider Ali<br>Mahbas                              | Al-Bayan             | 7107              |
| 265 | Shaker<br>Mahmoud<br>Mutlaq                       | Al-Jawadin           | 12733             |
| 266 | Saad Aziz<br>Farhood                              | Ard Baghdad          | 6025              |
| 267 | Jabbar Ajlan<br>Mahwadur                          | Al-Aqiq              | 13215             |
| 268 | Adel Sha'lan<br>Jaber                             | Sanbus               | 7762              |
| 269 | Tariq Sadiq<br>Mahdi                              | Al-Na'im             | 9473              |
| 270 | Hafiz<br>Mohammed<br>Musa                         | Al-Nasir             | 4596              |
| 271 | Jawad Kazem<br>Shaheed                            | NC                   | 2476              |
| 272 | Mahmoud<br>Jassim Abdullah                        | Mahmoud<br>Jassim    | 9411              |
| 273 | Sabri Abdul<br>Hamadi                             | Sabri                | 9638              |
|     |   |                      |                   |

| N°  | Investor Name                                | Factory name          | Licence<br>number |
|-----|--|-----------------------|-------------------|
| 274 | Riyadh Adnan<br>Abdul Hamadi                 | Riyadh Anad           | 9407              |
| 275 | Majid Nawfan<br>Majbil                       | Hossam Al-<br>Alousi  | 9558              |
| 276 | Hussein Hassan<br>Mohammed                   | NC                    | 3320              |
| 277 | Sami Amin<br>Mohammed                        | NC                    | 3319              |
| 278 | Yahya Jabr<br>Abdul Redha                    | Yaheya<br>Factory     | 8976              |
| 279 | Majid Hamad<br>Abdul                         | Majid Factory         | 9428              |
| 280 | Sabah Abdul<br>Hassan                        | Jas Sabah             | 4901              |
| 281 | Mahmoud<br>Farhan Dari                       | Al-Nayef              | 11990             |
| 282 | Nasser Hussein<br>Dhabakh                    | Al-Watheq             | 3421              |
| 283 | Mahdi Saleh<br>Abbas and Yusuf<br>Issa Jawad | Al-Asil               | 8971              |
| 284 | Ahmed Kazar<br>Hamza                         | Al-Iman               | 194               |
| 285 | Mohsen Ismail<br>Hussein                     | Abbas Al-<br>Halbousi | 12604             |
| 286 | Talal Amer<br>Manahi                         | Al-Sadiq              | 13905             |
| 287 | Abdullah Jabbar<br>Salem                     | Al-Rawad              | 11479             |
| 288 | Faisal Raheem<br>Abdul                       | Kutr                  | 12786             |
| 289 | Abdul Karim<br>Omar Ali                      | NC                    | 8209              |
| 290 | Atallah Sami<br>Sadkhan                      | NC                    | 11729             |
| 291 | Ahmed Hussein<br>Abdul Amir                  | Anwar Al-<br>Mustafa  | 8503              |
| 292 | Hikmat Hussein<br>Abdul Amir                 | Al-Ikhlas             | 8504              |
| 293 | Tariq Jihad Ali                              | Al-Ilm                | 2451              |
| 294 | Hussein Bashar<br>Khudair                    | NC                    | 12954             |
| 295 | Hamid Ibrahim<br>Ali                         | Mahmoud<br>Abdul Ali  | 9396              |
|     |  |                       |                   |

| N°  | Investor Name              | Factory name              | Licence<br>number |
|-----|----------------------------|---------------------------|-------------------|
| 296 | Fadel Kamil<br>Ruzik       | Fadel                     | 9403              |
| 297 | Wisam Fadel Ali            | Wasam Fadel               | 9410              |
| 298 | Yassin Taha<br>Abdullah    | Al-Quswa                  | 9404              |
| 299 | Raad Hamid<br>Khalef       | Raad                      | 15052             |
| 300 | Abdul Abbas<br>Hussein     | Anbar                     | 15049             |
| 301 | Ahmed Jumaa<br>Abbas       | Al-Rashad                 | 15050             |
| 302 | Mohammed<br>Fadel Ali      | Al-Andalus                | 9402              |
| 303 | Ahmed Jalil<br>Mohammed    | Al-Falah                  | 4771              |
| 304 | Abbas Fanar<br>Abdul Allah | Abbas                     | 2477              |
| 305 | Nurs Amer<br>Hamdi         | Nurs                      | 7539              |
| 306 | Ali Faza Abdul<br>Rahman   | Ali                       | 25658             |
| 307 | Ali Jassim Zaher           | NC                        | 12603             |
| 308 | Saleh Hassan<br>Shareef    | NC                        | 4320              |
| 309 | Saleh Khalef<br>Jassim     | Ashnuna                   | 6353              |
| 310 | Ne'ma Radi<br>Fareeh       | Qasim                     | 4597              |
| 311 | Nisan Mash'an<br>Abd       | Ghazi                     | 13699             |
| 312 | Hadi Alwan<br>Mizban       | South of the<br>Euphrates | 2598              |
| 313 | Alaa Raheem<br>Mohammed    | NC                        | 7888              |
| 314 | Mohammed Ali<br>Alhusun    | NC                        | 12779             |
| 315 | Ali Salman<br>Awwad        | NC                        | 7109              |
| 316 | Hamed Kazem<br>Atar        | Al-Atar                   | 7006              |
| 317 | Anwar Manajid<br>Abbas     | Al-Rashid                 | 9390              |
| 318 | Hamed Hatem<br>Hanashl     | Hamid                     | 16567             |

| N°  | Investor Name  | Factory name       | Licence<br>number |
|-----|--|--------------------|-------------------|
| 319 | On behalf of the<br>heirs / Wajdi<br>Ismail Abbas                  | Al-Barakah         | 10676             |
| 320 | Amer Hakim<br>Hussein  | NC                 | 10675             |
| 321 | Mohammed<br>Khalaf Abdul<br>Jabbar                                 | Al-Nurayn          | 11991             |
| 322 | Emad Hikmat<br>Abdul Jabbar  | Al-Mujannas        | 11994             |
| 323 | Najm Mukhlif<br>Hamad  | Mohsen<br>Mukhalif | 11993             |
| 324 | Jameela Nisan<br>Zubar Al<br>Khalifaawi                            | Al-Rahhal          | 11996             |
| 325 | Adi Abdul<br>Jabbar Abbas  | Al-Waha            | 11989             |
| 326 | Nibras<br>Mohammed<br>Khalaf                                       | Al-Hadbah          | 11995             |
| 327 | On behalf of the<br>heirs / Othman<br>Khalaf<br>Mohammed           | Riyadh             | 11992             |
| 328 | Naji Mukhlif<br>Ubaid and<br>partner Adnan<br>Mohammed<br>Ubaid    | Al-Raheeb          | 9395              |
| 329 | Saad Hadi<br>Jarrad  | Tariq              | 9389              |
| 330 | Alaa Amer<br>Abdul Hamid   | Walid              | 9408              |
| 331 | On behalf of the<br>heirs / Abdul<br>Nasser Hammad<br>Abdul Nasser | Al-Adalah          | 9392              |
| 332 | Ali Tariq Sahib  | Najmat<br>Karbala  | 4595              |
| 333 | Ahmed Youssef<br>Hamadi  | Baladruz           | 13394             |
| 334 | Adwan Abdullah<br>Khudair  | Al-Aamiri          | 2610              |
| 335 | Ali Shinawa<br>Yarad   | Al-Ru'ah           | 7108              |
|     |  |                    |                   |

| N°  | Investor Name   | Factory name             | Licence<br>number |
|-----|---|--------------------------|-------------------|
| 336 | Saad Kazem<br>Malih   | Saad Kazem               | 2836              |
| 337 | Saad Kazem<br>Malih   | Rusan                    | 2835              |
| 338 | Jabbar Rahima<br>Akab                                       | Al-Shaikh                | 8103              |
| 339 | KAR Cement Company / Managing Director Mohammed Raouf Karim | NC                       | 7003              |
| 340 | Hamza Hussein<br>Ali and partners                           | Al-Bushair               | 8974              |
| 341 | Ne'ma Jassim<br>Rashid and<br>partners                      | Shatt al-Arab            | 8973              |
| 342 | Yahya Jawad<br>Makrous                                      | Tigris                   | 8975              |
| 343 | Qasim Majid<br>Mohammed and<br>Haider Dhiaab<br>Ne'ma       | Al-Ahd                   | 133359            |
| 344 | Abdullah<br>Mohammed<br>Ibrahim                             | Al-Tasaheel              | 14791             |
| 345 | Ashour Hassan<br>Saeedan                                    | Al-Fath                  | 13497             |
| 346 | Ashour Hassan<br>Saeedan                                    | Al-Hukm                  | 13507             |
| 347 | Mahmoud<br>Ankoush Ali                                      | Ali Salman               | 13513             |
| 348 | Mahmoud<br>Ankoush Ali                                      | Al-Minbar                | 13517             |
| 349 | Mahmoud<br>Ankoush Ali                                      | Al-Nukhah Al-<br>Sadiqah | 13503             |
| 350 | Diaa Kutub<br>Hameed  | Al-Rahab                 | 20159             |
| 351 | Hatem Ka'oud<br>Ba'eer                                      | Saif al-Arab             | 7110              |
| 352 | Sadiq Mahdi<br>Dhabakh                                      | Al-Nasr                  | 14469             |
| 353 | Ali Sahib<br>Sharrad  | NC                       | 4594              |
|     |   |                          |                   |

| N°  | Investor Name                            | Factory name       | Licence<br>number |
|-----|--|--------------------|-------------------|
| 354 | Abdul Hamid<br>Mohammed<br>Abdullah      | Al-Sultans         | 11998             |
| 355 | Malek Abdul<br>Hamid<br>Mohammed         | Bahrain            | 11988             |
| 356 | Kamil Shaban<br>Wahib                    | Kamel              | 12782             |
| 357 | Karar Qasim<br>Mohammed                  | NC                 | 3975              |
| 358 | Tariq Ahmed<br>Abbas                     | Tariq              | 13881             |
| 359 | Jassim<br>Mohammed<br>Sarhan             | Jassim<br>Mohammed | 13886             |
| 360 | Tariq Ahmed<br>Abbas                     | Al-Nahreen         | 13884             |
| 361 | Ghassan Jassim<br>Mohammed               | Al-Kahlaa          | 13885             |
| 362 | Ahmed Abbas<br>Abdul Jabbar              | Noor Baladi        | 13882             |
| 363 | Abdul Hamid<br>Mohammed<br>Abdullah      | Al-Aabid           | 13879             |
| 364 | Fa'eq Ahmed<br>Abbas                     | Zaher              | 13883             |
| 365 | Malek Abdul<br>Hamid<br>Mohammed         | Al-Khalij          | 13880             |
| 366 | Mukhlis Saad<br>Hawi                     | Jabbar Radi        | 19911             |
| 367 | Emad Katia<br>Aboud                      | Emad Kathe         | 6875              |
| 368 | Saad Hameed<br>Kambish                   | Diyala             | 12737             |
| 369 | Ramadan Zou<br>Ubaid                     | Ard Al-Salam       | 11381             |
| 370 | Mohammed<br>Abdul Redha<br>Abdul Hussein | Al-Nasr            | 8418              |
| 371 | Mustafa Salah<br>Hussein                 | NC                 | 3522              |
| 372 | Anwar Ali Abdul<br>Aziz                  | Al-Muzaffar        | 12158             |

| N°  | Investor Name                    | Factory name          | Licence<br>number |
|-----|----------------------------------|-----------------------|-------------------|
| 373 | Yasser Khudair<br>Abbas          | Al-Raya               | 12159             |
| 374 | Ismail Khalil<br>Ibrahim         | Al-Rasul Al-<br>Akram | 195               |
| 375 | Nada Abdul<br>Alwan              | Adwa' Al-<br>Maghrib  | 13396             |
| 376 | Ali Faisal<br>Husson Maala       | Al-Najah              | 7105              |
| 377 | Adnan Baqi<br>Hameed             | NC                    | 1862              |
| 378 | Hassan Judua<br>Mohammed         | Al-Ghaybah            | 10382             |
| 379 | Hassan Ahmed<br>Juloub           | Al-Akhlas             | 10298             |
| 380 | Abdul Karim<br>Judua<br>Mohammed | Al-Shakir             | 10381             |
| 381 | Kareem Adel<br>Mohammed          | Tigris                | 10383             |
| 382 | Haider Ali<br>Khudair            | NC                    | 12167             |
| 383 | Ali Qasim Ali                    | NC                    | 13124             |
| 384 | Abbas A'idan<br>Hassan           | NC                    | 13122             |
| 385 | Khamees Ahmed<br>Mohammed        | Ali Fayyad            | 12734             |
| 386 | Fuad Adi<br>Shihatha             | Al-Fouad              | 12601             |
| 387 | Ziyad Adi<br>Shihatha            | Khalef Saleh          | 12602             |
| 388 | Saif Sadiq Sahib                 | Al-Nukhba             | 19029             |
| 389 | Ahmed<br>Mohammed<br>Mustafa     | Fadel Al-<br>Jasani   | 10654             |
| 390 | Youssef Ghali<br>Meesh           | Al-Rahman             | 3202              |
| 391 | Alaa Salman<br>Rahima            | Al-Hamid              | 3201              |
| 392 | Aqeel Jasb<br>Bandawi            | Al-Nawaris            | 16695             |
| 393 | Sadoon Alwan<br>Khudair          | Baghdad               | 18409             |
| 394 | Raafat Hikmat<br>Hashim          | Hukmat                | 7007              |

| N°  | Investor Name   | Factory name                  | Licence<br>number |
|-----|---|-------------------------------|-------------------|
| 395 | Faisal Ubaid<br>Saleh                                   | Faisal Obaid                  | 11483             |
| 396 | Aaref Taha<br>Wahib                                     | Al-Rasul                      | 11484             |
| 397 | Khaled Taha<br>Wahib                                    | Taha Al-<br>Halbusi           | 11482             |
| 398 | Khaled<br>Mohammed<br>Fayyad                            | Al-Khalis<br>Company          | 12732             |
| 399 | Rizq Wahib<br>Majid                                     | NC                            | 9048              |
| 400 | Mohammed<br>Hussain Saleh                               | Al-Saleh                      | 20463             |
| 401 | Adel Hussain<br>Badr                                    | Al-Samawah                    | 6180              |
| 402 | Alaa Abdul<br>Hassan Dakheel                            | Al-Tasahul                    | 8972              |
| 403 | Abbas Khanjar<br>Sayyid                                 | Lursa                         | 22965             |
| 404 | Abbas Khanjar<br>Sayyid                                 | Marwan                        | 22963             |
| 405 | Burhan Hamad<br>Jaleel                                  | NC                            | 6772              |
| 406 | Ahmed Issa<br>Muslih and<br>partner                     | Ahmed Issa                    | 20191             |
| 407 | Ahmed Hamad<br>Salman                                   | Tabarak                       | 20190             |
| 408 | Ra'ed Ahmed<br>Salman                                   | Al-Sakhrat Al-<br>Dhahabiyyah | 20189             |
| 409 | Khaled Ahmed<br>Abdul Hamadi                            | Khaled Ahmed                  | 20186             |
| 410 | On behalf of the<br>heirs / Khalda<br>Ahmed Abdul       | Baladi                        | 20188             |
| 411 | On behalf of the<br>heirs / Khaled<br>Jasim<br>Mohammed | Al-Iman                       | 18314             |
| 412 | Nada Abdul<br>Alwan                                     | Al-Diyar                      | 14601             |
| 413 | Ramla Saeed<br>Khairallah and<br>Mushtaq Salah          | Salah Dali                    | 16737             |
|     |   |                               |                   |

| N°  | Investor Name                           | Factory name        | Licence<br>number |
|-----|---|---------------------|-------------------|
|     | Hadi and Falah<br>Salah Hadi            |                     |                   |
| 414 | Khudair Abbas<br>Khamees                | Al-Reef Al-<br>Hadi | 30593             |
| 415 | Ali Hassan Abdul                        | Al-Turath           | 2609              |
| 416 | Raad Hassan<br>Meesh                    | Abdul Nasser        | 3057              |
| 417 | Saad Mun'im<br>Hamza                    | NC                  | 4628              |
| 418 | Hameed Faleh<br>Farhan                  | Al-Mustafa          | 8648              |
| 419 | Ali Khaleefa<br>Makhaybar               | Al-Ayham            | 13351             |
| 420 | Ahmed Salim<br>Awwad                    | NC                  | 2045              |
| 421 | Alwan Hassan<br>Suleiman                | Alwan               | 18644             |
| 422 | Jassim Jabir<br>Abbas                   | Al-Barakat          | 8997              |
| 423 | Mohammed<br>Jabir Abbas                 | Al-Nur              | 7005              |
| 424 | Sadiq Saroot<br>Muhsin                  | Al-Sayyid           | 5187              |
| 425 | Iyad Mohammed<br>Ali                    | lyad                | 12783             |
| 426 | Sajida Saloom<br>Ahmed                  | Sajida              | 12776             |
| 427 | Salem Ibrahim<br>Sarhaid                | Al-Wafa             | 12790             |
| 428 | Hatem Hanashl<br>Madb                   | Hatem               | 12780             |
| 429 | Bashar Abdul<br>Wahid<br>Mohammed       | Lashar              | 12778             |
| 430 | Hammad<br>Salman Jasim                  | Al-Manar            | 23801             |
| 431 | Hussam Fuad<br>Doha                     | Al-Barari           | 23803             |
| 432 | Ibrahim Khalaf<br>Vihhan and<br>partner | Saba Al-Jazira      | 12791             |
| 433 | Ibrahim Khalef<br>Matar                 | Al-Qimah            | 23802             |
| 434 | Mushtaq Khalil<br>Ibrahim               | Al-Mustaq           | 30175             |

| N°  | Investor Name   | Factory name     | Licence<br>number |
|-----|---|------------------|-------------------|
| 435 | Khudair<br>Abdullah<br>Mohammed                                   | NC               | 5832              |
| 436 | Shawki Hussain<br>Dghaish   | NC               | 190               |
| 437 | Aziz Khaleel<br>Aziz  | Wahaj<br>Company | 31743             |
| 438 | On behalf of the<br>heirs / Faz'a<br>Abbas Sarhan                 | Al-Najaf         | 25235             |
| 439 | Diaa Mohsen<br>Ismail   | Al-Hamra         | 11499             |
| 440 | Jassim<br>Mohammed<br>Hussain                                     | Rafi             | 11481             |
| 441 | Salah Abdul<br>Khaliq Kashkoul                                    | NC               | 5427              |
| 442 | Zaman Abdullah<br>Jabr  | Al-Saadoun       | 6098              |
| 443 | Murtadha<br>Hubbod Khaz'al  | Mortada          | 2525              |
| 444 | Alwan Aboud<br>Khaz'al  | Al-Barq          | 2524              |
| 445 | Salman Mutlak<br>Dawood   | Al-Thiqa         | 7113              |
| 446 | Hassan Hadi<br>Ghani  | NC               | 3973              |
| 447 | Mustafa Hisham<br>Fadel   | Al-Salam         | 9387              |
| 448 | Adnan<br>Mohammed<br>Ubaid and<br>partner Rasool<br>Mukhlif Ubaid | Abu Karam        | 9394              |
| 449 | Mustafa Adnan<br>Mohammed   | Mustafa          | 9393              |
| 450 | On behalf of the<br>heirs / Afrah<br>Majbel Naif and<br>partners  | Al-Anwar         | 10674             |
| 451 | Ahmed Salah<br>Faz'a  | Kilo 18          | 14602             |
| 452 | Adi Adnan<br>Mohammed   | Al-Furat         | 10067             |

| N°  | Investor Name                                       | Factory name        | Licence<br>number |
|-----|---|---------------------|-------------------|
| 453 | Diaa Mohsen<br>Ismail                               | Qaid                | 12606             |
| 454 | Ibrahim Sobhi<br>Majbel                             | Sabhi               | 10673             |
| 455 | On behalf of the<br>heirs / Khalil<br>Khudair Jasim | Khalaf              | 9388              |
| 456 | Saeed Ismail<br>Abdul                               | Al-Dulab            | 9889              |
| 457 | Lateef Salim<br>Dakheel                             | NC                  | 9062              |
| 458 | Ahmed Lateef<br>Salim Dakheel                       | NC                  | 8042              |
| 459 | On behalf of the<br>heirs / Diaa<br>Khalil Ibrahim  | Khalil              | 11475             |
| 460 | Jasser<br>Mohammed<br>Sarhan                        | Qais<br>Mohammed    | 11476             |
| 461 | Zaki Lufta<br>Hamad                                 | Zaki                | 4941              |
| 462 | Basim Thabet<br>Mahdi                               | NC                  | 3301              |
| 463 | Saad Awad<br>Hameed                                 | NC                  | 1024              |
| 464 | Tughuan<br>Hussein Nafil                            | Iraq                | 13870             |
| 465 | Ja'qar Salim<br>Habib                               | NC                  | 8603              |
| 466 | Ali Hatem<br>Sharhan                                | Al-Nasr             | 4505              |
| 467 | Karar Raheem<br>Mohammed                            | Al-Ghuri            | 9246              |
| 468 | Alaa Rizq Saeed                                     | NC                  | 6730              |
| 469 | Muqdad Abdul<br>Redha Hameed                        | Ali Al-Tamimi       | 6099              |
| 470 | Haider<br>Mohammed<br>Abdul Redha                   | NC                  | 9186              |
| 471 | Mohammed<br>Maoud Jayed                             | Al-Wafa             | 6373              |
| 472 | Saleem Idam<br>Hussein                              | Salim               | 16735             |
| 473 | Yass Khudair<br>Abbas                               | Al-Kut Al-<br>Jadid | 17544             |

| N°  | Investor Name   | Factory name                | Licence<br>number |
|-----|---|-----------------------------|-------------------|
| 474 | Mohsen Hassan<br>Flah   | Khayrat Noor<br>Al-Mustafa  | 8649              |
| 475 | Qasim Thabet<br>Mahdi   | NC                          | 9159              |
| 476 | Mustafa Kareem<br>Hassan  | Al-Baghdadi<br>Al-Awwal     | 8502              |
| 477 | Kareem Hassan<br>Majdi  | Jannat Al-Iraq<br>Al-Hadith | 8503              |
| 478 | Musa Musan<br>Hameedi   | Al-Fahd                     | 8199              |
| 479 | Naseer Abdul<br>Zahra Hadi and<br>partner Hassan<br>Hadi Hamoud | Al-Murwa                    | 7013              |
| 480 | Rasheed<br>Hameed Salman  | Rashid                      | 11478             |
| 481 | Ahmed Salman<br>Rashid  | NC                          | 13123             |
| 482 | Hassan Mansour<br>Mohammed                                      | Al-Azzawi Al-<br>Thani      | 9223              |
| 483 | Ahmed Jasb<br>Hanoon  | Roua                        | 2317              |
| 484 | Abdul Hamza<br>Majhool<br>Dhaham                                | NC                          | 19127             |
| 485 | Fahd Shalal<br>Kareedi  | Al-Shakirin                 | 9677              |
| 486 | Yasin Obeid and<br>his partner Ali<br>Falah                     | Yasin Obaid                 | 12202             |
| 487 | Bashtah Rizak<br>Mansi  | Al-Mahdi                    | 5114              |
| 488 | Hussain Jabbar<br>Rahim   | NC                          | 9629              |
| 489 | Alaa Hameed<br>Rashid and his<br>partners                       | Wadi Al-<br>Rafidain        | 9391              |
| 490 | Alaa Hameed<br>Rashid   | Alaa                        | 9427              |
| 491 | Khaled Faraj<br>Ismail  | Al-Asaf                     | 12605             |
| 492 | Ahmed Salim<br>Mohammed   | Ahmed Salim                 | 9405              |

| N°  | Investor Name  | Factory name            | Licence<br>number |
|-----|--|-------------------------|-------------------|
| 493 | Ahmed Jumaa<br>Faza and<br>partners                                | Jumaa                   | 23841             |
| 494 | Khalil Ibrahim<br>Naif   | Khalil                  | 22917             |
| 495 | Farhan Mohsen<br>Farhan  | Al-Nasr                 | 18213             |
| 496 | Jabbar Khudair<br>Abdul Jabbar                                     | Jabbar                  | 27128             |
| 497 | Mohammed<br>Khudair Abdul  | Al-Amani                | 27131             |
| 498 | Wajdi<br>Mohammed<br>Khudair                                       | Alaa                    | 27129             |
| 499 | Wathiq<br>Mohammed<br>Khudair                                      | Al-Wala                 | 27130             |
| 500 | Hassan Ayad<br>Hanwit  | Al-Anaam                | 16736             |
| 501 | From the heirs<br>of Abdul Amir<br>Abada Atiya and<br>his partners | Al-Hajami               | 4243              |
| 502 | Salman Mutlak<br>Dawood  | Al-Amid                 | 38011             |
| 503 | Salman Mutlak<br>Dawood  | Salman Mutlak<br>Dawood | 38009             |
| 504 | Kazem Washil<br>Atiya  | Company Al-<br>Naba     | 9601              |
| 505 | Fadel Ismail Ali   | Al-Saree                | 12736             |
| 506 | Sameer Khalef<br>Saleh   | Al-Khalid               | 12735             |
| 507 | Saleh Mahdi<br>Buri  | Al-Milad                | 20022             |
| 508 | Raad Falah<br>Hassan   | Al-Fath                 | 11019             |
| 509 | Raad Falah<br>Hassan   | Zu                      | 11018             |
| 510 | Mona Hadi<br>Mohammed  | NC                      | 14651             |
| 511 | Zaid Abbas<br>Hamoudi  | Al-Salam                | 14329             |
| 512 | Saleh Mahdi<br>Hatem   | NC                      | 8993              |

| Ν°  | Investor Name   | Factory name           | Licence<br>number |
|-----|---|------------------------|-------------------|
| 513 | Wissam Abdul<br>Hantoush                                    | NC                     | 7017              |
| 514 | Star Hamza<br>Mohammed and<br>Ali Jabbar Qadir              | Al-Fajr Al-<br>Jadid   | 10855             |
| 515 | Kazem Majid<br>Mazal  | NC                     | 15096             |
| 516 | Ahmed Majoud<br>Faleh                                       | NC                     | 3167              |
| 517 | Ahmed Adel<br>Hussein                                       | NC                     | 5190              |
| 518 | Jassem Raheem<br>Zaboon                                     | NC                     | 9558              |
| 519 | Ibrahim Abdul<br>Hussein                                    | Company Al-<br>Nahrain | 20157             |
| 520 | Qasim Hassan<br>Alwan                                       | Al-Nada                | 12738             |
| 521 | Sadiq Jawad<br>Makroos                                      | Al-Ghasaq              | 10336             |
| 522 | Ibrahim Khalifa<br>Abbas                                    | Ibrahim                | 15657             |
| 523 | Raad Falah<br>Hassan  | Al-Baraq               | 11020             |
| 524 | Rasoul Da'an<br>Kazem Nasir                                 | NC                     | 10424             |
| 525 | Zaid Ali Hussein<br>and his partner<br>Ahmed Hussein<br>Ali | NC                     | 9001              |
| 526 | Haider<br>Mohammed<br>Abdul Mohsin                          | NC                     | 9211              |
| 527 | Khaled Jabbar<br>Kat'a                                      | Saif Al-Din            | 12221             |
| 528 | Salah Abdul<br>Hassan Mazal                                 | Abdul Hassan<br>Mazal  | 22959             |
| 529 | Sharmeen<br>Ahmed Haider                                    | NC                     | 7238              |
| 530 | Kareem Khaled<br>Abdul Ali                                  | Al-Hasan               | 3113              |
| 531 | Kareem Khaled<br>Abdul Ali                                  | Al-Sadrain             | 3114              |
| 532 | Abbas Abdul<br>Kareem Hadi                                  | NC                     | 17545             |

| Ν°  | Investor Name                    | Factory name          | Licence<br>number |
|-----|----------------------------------|-----------------------|-------------------|
| 533 | Mustafa<br>Hameed Hassan         | NC                    | 17546             |
| 534 | Khaled Abdul Ali<br>Radi         | Al-Kawthar            | 9177              |
| 535 | Abdul Wahid<br>Jumaa Ka'ud       | Al-Riyah              | 9594              |
| 536 | Wahib Fahd<br>Hatem              | Al-Tawfiq             | 25224             |
| 537 | Ahmed Khamees<br>Suleiman        | Khaled Al-<br>Jumaili | 27112             |
| 538 | Saadullah<br>Khamees<br>Suleiman | Saad Allah            | 27111             |
| 539 | Abdul Rahman<br>Jubair Faihan    | Muhammad<br>Abdul Ali | 27110             |
| 540 | Omar Hameed<br>Nufan             | Al-Mashriq            | 27113             |
| 541 | Majid Wadi<br>Shihatha           | Al-Bayda              | 15051             |
| 542 | Salam Youssef<br>Jasim           | Al-Salam              | 10250             |
| 543 | Fadel Shumkhi<br>Jabr            | Al-Khidr              | 5949              |
| 544 | Abbas Basim<br>Hussein           | Dijlah                | 15405             |
| 545 | Hassan Ibrahim<br>Mari           | NC                    | 4897              |
| 546 | Salman Mathal<br>Abdul Wahid     | NC                    | 7113              |
| 547 | Maher Mathal<br>Abdul Wahid      | Al-Safa               | 6742              |
| 548 | Thamer Ibrahim<br>Jasim          | Al-Nur                | 22555             |
| 549 | Arkhan Farhan<br>Duwaij          | Al-Safa               | 7111              |
| 550 | Haider Hussein<br>Sibaa          | Al-Bashair            | 17286             |
| 551 | Saad Abadi<br>Husson             | Al-Jumhuri            | 10252             |
| 552 | Riad Abdul Amir<br>Shaker        | Al-Imad               | 10251             |
| 553 | Mohammed<br>Abdul Amir<br>Shaker | Sajjad                | 10623             |

| N°  | Investor Name                          | Factory name                            | Licence<br>number |
|-----|--|---|-------------------|
| 554 | Raad Hamza<br>Jithum                   | Assad Babel                             | 20327             |
| 555 | Hassanein<br>Jaafar Youssef            | Al-Bayt Al-<br>Handasi /<br>Hurra Babel | 20163             |
| 556 | Hazem Basim<br>'Abees Al-Janabi        | Al-Hazim                                | 29265             |
| 557 | Abdullah Atiya<br>Aboud                | NC                                      | 94109             |
| 558 | Faleh Hassan Ali                       | NC                                      | 9207              |
| 559 | Muslim Kareem<br>Jukhar                | Al-Wadah                                | 39279             |
| 560 | Ali Jassem Mu'in                       | Al-Masar                                | 17758             |
| 561 | Ahmed Jabbar<br>Mohammed               | Al-Hasani                               | 7158              |
| 562 | Faraj Mukayyif<br>Farhan               | Al-Tahrir Al-<br>Hadith                 | 34563             |
| 563 | Jafar Jabbar<br>Mansi                  | Al-Khayrat                              | 13483             |
| 564 | Zeina Maytham<br>Abdul Hussein         | NC                                      | 7087              |
| 565 | The heirs of<br>Muteer Naahi<br>Dhaham | NC                                      | 2246              |
| 566 | Saif Najm<br>Abdullah                  | NC                                      | 17515             |
| 567 | Jameel Hassan<br>Mohsen                | Al-Tayf Al-<br>Akhḍar                   | 15528             |
| 568 | Rizq Hassan<br>Abdul                   | Al-Hazim                                | 31657             |
| 569 | Tariq Ahmed<br>Abdul                   | Al-Akhawain                             | 20101             |
| 570 | Taher Anad<br>Judah                    | Al-Hilal Al-<br>Fanni                   | 1320              |
| 571 | Fatah Mahdi<br>Saleh                   | Haiman                                  | 2046              |
| 572 | Luay Subhi<br>Abbas                    | Ali Hamad                               | 11480             |
| 573 | Saadi Ibrahim<br>Ali                   | Saadi                                   | 21036             |
| 574 | A'id Abbas<br>Hamoudi                  | Al-Nabaa Al-<br>Safi                    | 15544             |
| 575 | Ali Hussein<br>Faraj                   | NC                                      | 19677             |
|     |  |   |                   |

| Ν°  | Investor Name                            | Factory name                 | Licence<br>number |
|-----|--|------------------------------|-------------------|
| 576 | Rasul Salman<br>Sakban                   | Al-Talaba                    | 15149             |
| 577 | Hatem Khalil<br>Abbas and his<br>partner | Al-Kut                       | 22916             |
| 578 | Hussein Hassan<br>Kat'a                  | Spring<br>Company            | 30583             |
| 579 | Razzaq Jameel<br>Sakhhi                  | Razzak<br>Jameel             | 44865             |
| 580 | Amal Jabr Faraj                          | Al-Jiyad                     | 15529             |
| 581 | Wasim Abdullah<br>Mohammed               | Sarayat Al-<br>Jabal         | 4594              |
| 582 | Ghadban Hassan<br>Ali                    | Al-Madinah Al-<br>Munawwarah | 20100             |
| 583 | Ali Muslim Hadi                          | NC                           | 7110              |
| 584 | Aref Razzaq<br>Kazem                     | Al-Ashhab                    | 13519             |
| 585 | Obaid Ali<br>Husson                      | Al-Karmah                    | 12784             |
| 586 | Saadi Obaid Ali                          | Saadi                        | 12781             |
| 587 | Maher Obaid Ali                          | Maher Abid                   | 12785             |
| 588 | Emad Obaid Ali                           | Imad                         | 12789             |
| 589 | Abdullah Alwan<br>Hussein                | Al-Alwan                     | 9547              |
| 590 | The Holy Shrine of Imam Hussein          | NC                           | 8806              |
| 591 | Risan Qahtan<br>Adnan                    | NC                           | 3118              |
| 592 | Mohammed<br>Spahi Abdul                  | Al-Batha                     | 14413             |
| 593 | Haider Ibrahim<br>Jassim                 | Agadir                       | 8101              |
| 594 | Mohammed<br>Ahmed Hussein                | Al-Amal                      | 38547             |
| 595 | Aqeel Anad<br>Hussein                    | Wadi Al-Safa                 | 38545             |
| 596 | Thamer Abdul<br>Munim Ghaidan            | NC                           | 4987              |
| 597 | Rashid Muhi<br>Abdul                     | Green<br>Mountain            | 13115             |
| 598 | Khaled Ahmed<br>Hamed Hassan             | Al-Ghadir                    | 3289              |
| 599 | Mohammed Nahi<br>Hussein                 | The Good<br>Tree             | 35163             |
|     |  |                              |                   |

| N°  | Investor Name               | Factory name                         | Licence<br>number |
|-----|-----------------------------|--------------------------------------|-------------------|
| 600 | Tareq<br>Mohammed<br>Fayyad | Al-Qamar                             | 2773              |
| 601 | Kutoub Hameed<br>Bandar     | Al-Khair                             | 15403             |
| 602 | Alwan Muhi<br>Hussein       | Alwan Mahi                           | 39497             |
| 603 | Ahmed Youssef<br>Hamadi     | Balduruz                             | 21058             |
| 604 | Abdul Wahid<br>Jumaa Ka'ud  | Al-Riyah                             | 21060             |
| 605 | Adwan Abdullah<br>Khudair   | Al-Amiri                             | 21056             |
| 606 | Ahmed Jalil<br>Mohammed     | Al-Falah                             | 21057             |
| 607 | Riyadh Salman<br>Mahdi      | NC                                   | 8611              |
| 608 | Saad Salibi<br>Hussein      | Diyala<br>Company                    | 16225             |
| 609 | Emad Khalifa<br>Mohammed    | Al-Raid                              | 31317             |
| 610 | Khamees Abdul<br>Jassim     | Al-Sultan                            | 2628              |
| 611 | Ghazi Latif<br>Yassin       | Ghazi Al-Hiti                        | 13501             |
| 612 | Nashat Ahmed<br>Khourshid   | NC                                   | 7528              |
| 613 | Mazen Munim<br>Abbas        | Asia                                 | 40833             |
| 614 | Hussein Hamdan<br>Bandar    | Al-Huda /<br>currently Al-<br>Wasiti | 3139              |
| 615 | Muhsen<br>Dukhaina Khalef   | Canaan<br>Company                    | 12731             |
|     |                             |                                      |                   |

## Annex 4: IA Team

| Independent Administrator |                |  |
|---------------------------|----------------|--|
| Mark Henderson            | Partner        |  |
| Hédi Zaghouani            | Director       |  |
| Achraf Kanoun             | Senior Manager |  |
| Mehdi Mellah              | Senior Manager |  |
| Helmi Ben Rhouma          | Manager        |  |
| Wissem Zaazaa             | Supervisor     |  |
| Ines Bakri                | Auditor        |  |