

# Understanding Ghana's Energy Transition Plan

Ghana's Energy Transition Plan sets out our country's path to cleaner energy by 2060. This plan aims to balance our energy needs with environmental protection while ensuring communities that depend on oil and gas, like Ellembelle, can adapt and thrive in this new era.



**2023**

**Energy Transition & Investment Plan** was introduced on September 21, 2023, at the United Nations General Assembly.

**2024**

**Universal Electricity Access**  
Achieve **universal** access to electricity by 2024.

**2030**

**Emission Reduction**  
34 mitigation measures to achieve absolute emission reductions of 64 MtCO<sub>2e</sub>

**2036**

**Petroleum Hub**  
Establish a "Petroleum Hub" with refineries & petrochemical facilities.

**2040**

**Renewable Energy Infrastructure**  
Installed capacity of 21 GW from renewable sources.

**2050**

**Nationwide Adoption of Clean Technologies**  
integration of BEVs, clean cookstoves & low-carbon hydrogen in industry.

**2060**

**Net-Zero Carbon Emissions**  
through the sustained deployment of low-carbon solutions across key sectors.



This information was produced by CEDA as part of the EITI's 'Engaging Communities in a Just Transition' project. The project works to strengthen community access to information and dialogue platforms, ensuring local voices are heard in Ghana's energy transition journey.

As of 2022, **renewable energy** accounts for **31.6%** of Ghana's electricity capacity, totalling **1,700 megawatts**.

## Our Clean Energy Sources by 2060

82%



**Solar Power**

10%



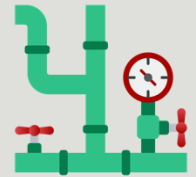
**Nuclear Energy**

8%



**Hydro Power**

< 1%



**Gas & Other Clean Sources**