

# Low Carbon Development plan's

**Electricity, Transport, Oil and Gas Sector**

# Electricity Sector Low Carbon Plan

- **Target:** Achieve **37% reduction** in GHG emissions from the electricity sector (generation, transmission, distribution) by 2030 compared to the BAU scenario
- **Key Measures:**
  - **Energy efficiency improvement**
  - **Supercritical steam units**
  - **Smart grids** development to improve electricity efficiency and reduce emissions.
  - **Expansion of renewables** to achieve **42% of electricity generation from renewable energy by 2030.**
  - **Subsidy reform.**
  - **Avoid coal .**

# Transport Sector Low Carbon Plan

- **Target: Achieve 7% reduction in GHG emissions by 2030 compared to BAU**
- **Key Measures:**
  - **Expansion of mass transit systems**
  - **Light Rail Transit (LRT) and monorail projects**
  - **Bus Rapid Transit (BRT) systems.**
  - **Transition to low carbon fuels for buses (especially natural gas).**
  - **Phasing out old vehicles and promoting modal shifts away from private cars**

# Oil and Gas Sector Low Carbon Plan

- **Target: Achieve 65% reduction in GHG emissions from associated gases subsector by 2030**
- **Key Measures:**
  - **Recovery and utilization** of associated gases from oil production fields (instead of flaring).
  - **Waste-to-energy projects**
  - **Alternative fuels production**
  - **Expansion of household natural gas connections**
  - **Zero Flaring Program and enhancing gas recovery technologies**