

## Project Outline

- **Duration:** 2013 ~ 2023
- **Sector:** Energy
- **Name of Counterpart Institution:** Electricity of Mozambique (EDM)
- **Type of ODA:** ODA Loan
- **Total Cost:** 22,057 million Japanese Yen
- **Project Overview:**
  - This project aims to stabilize and improve power supply in Southern region of Mozambique, where the power demand is significantly increasing, by a construction of new gas fired power plant, thereby contribute to economic development and poverty reduction in the region.



Central Termica de Maputo (CTM)  
constructed through this project

## Development Issues / Background

- The demand for the maximum generating capacity and the gross power production in Southern region were 369MW and 2095GWh/year in 2011, due to rapid economic growth, the power demand is expected to increase significantly in next 5 years will be more than 20%, to 794MW and 4855GWh/year in 2016.
- Power supply from HCB will not be enough, is needed to improve existing power plants such as gas to secure other power sources in Southern region where demand is high.

## Expect Cooperation and impacts

- Construction of Combined Cycle Power Plant (CCPP), called Central Termica de Maputo (CTM), with generation capacity 100MW, 5.8MGJ/year.
- Features of CCPP: High efficiency, low environmental emissions, short time construction and low maintenance costs.
- This plant is an important gain for the country and the region because it will ease the export load, reduce the restrictions and risks of blackouts in the energy supply.