

The Project for Improvement of Energy Loss Reduction on Distribution Network



Project Outline

- **Duration:** 2020 ~ 2025
- **Sector:** Energy
- **Name of Counterpart Institution:** Electricidade de Moçambique (EDM)
- **Type of ODA:** Technical Cooperation
- **Total Cost:** 4.50 mil JPY
- **Project Overview:** This project aims to improve the capacity of EDM staffs for planning, design and Operation and Maintenance (O&M) for energy loss reduction including human resource development.



Development Issues / Background

- The energy demand in Mozambique is increasing (peak demand: 2,118MW, installed capacity: 2,300 MW in 2022). On the other hands, the energy loss reaches 26% because of lack of technical/ non-technical reasons.
- To adopt on the situation which is increasing energy demand and decrease energy loss, it is needed that EDM staffs get acquainted with knowledge for distribution planning, Operation and Maintenance (O&M) for energy loss reduction and also get enough internal structure within EDM, which leads that EDM can accomplish distribution work based on business condition.

Expected Impact on the Transportation Sector

- EDM staffs acquires necessary knowledge for planning, design and O&M for energy loss reduction on distribution and transmission.
- The practical capacities to manage energy loss on distribution and transformation are improved.
- The administrative structure to reduce energy loss on distribution network is improved.