



Infrastructure Sector

JICA Approach and Concept Paper



Infrastructure Sectors



Energy



Logistics



Urban Transportation

Energy



Overview of the Energy



Increasing forecast of electricity demands while importing electricity to fill the gap. Financial Deficit of Electricity Supply Company.



Revision of the Electricity law for higher integration of renewable energy



Expansion of Electricity Coverage Area (electricity access ratio: 34% in 2019 to 64% in 2024 outlined in the National Development Plan



21 Priority Projects for generation development plan, Rehabilitation and Reinforcement of the Distribution Network, etc. - Total Estimation Costs: USD3.6 bil.
part of the National Investment Plan.
National Power Development Master Plan: 2017-2024

JICA's Approach

Development Target

💡 Strengthening **capacity for energy generation** in sustainable and environmentally friendly way

💡 Increasing **stability and reducing loss of energy** transmission and distribution

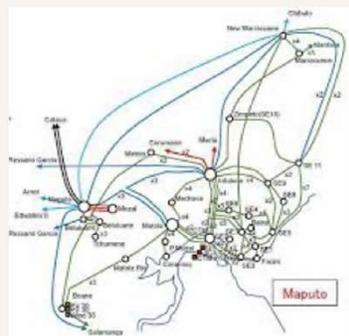


Technology & Experience

3L+S Policy

Low-cost | Low-carbon | Low-risk

Energy Security



The Project for "Integrated Master Plan on Mozambique Power System Development"

Finished in 2018

Economic Efficiency



Project for Improvement of Energy Loss Reduction on Distribution Network

Duration: 2020-2023



Technology & Experience

3L+S Policy

Low-cost | Low-carbon | Low-risk



Environmental Sustainability

Safety



Maputo Gas Fired Combined Cycle Power Plant Development
Completed in 2017 by Financial cooperation.
Technical support since 2019





Logistics



Overview of Logistics



Since independence, the reorganization of transport/ logistics is governments focus, for social cohesion/ economic competitiveness of the country.



Area to improve North–South sea and rail transportation, **additionally East–West road and river transportation**. Need to create logistics activity zones at all intermodal nodes. Invest in ports, air cargo centers at airports, dry ports and urban distribution platforms in main cities and mobilize private investment through PPP



National Development plan outlining increase in Port Handling Capacity and Railway logistics performance



National Investment Plan allocates USD 214.8 Million into Port Law, Aerial Connection, School transportation and public mobility



Strategy for the Integrated Development of the Transportation System 2009–2024 developed

JICA's Approach

Development Target

-  Developing and maintaining the logistic network in Corridors to contribute regional economic growth
-  Securing sustainable integrated transportation system in Nacala/Maputo Corridors

Japan Technology & Experience



Quality Infrastructure



Sustainable Development



Safety and Resilience



Economic Efficiency



Maintain good conditions



Road network development

more than 600 km by Financial cooperation



Nacala Port Development Project

Under construction since 2015 by Financial cooperation.



Japan Technology & Experience

Knowledge Co-Creation Program



Solutions to suit partner, respecting ownership



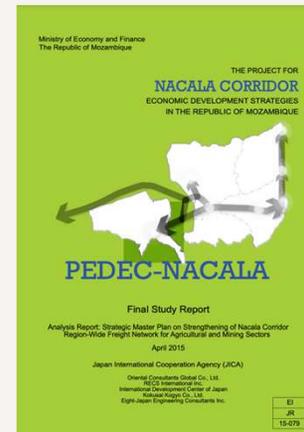
Field oriented through dialogue



Reciprocal relationship to learn and grow together



Strategic approach for integrated development



2015

Strategic guide for appropriate integrated development and investment in the Nacala Corridor





Urban Transportation



Overview of Urban Transport



Rapid Urbanization which will double the Population of Maputo by 2035 coupled with expanding residential area to suburb areas causes increasing transportation demand



Existing public transport largely based on informal operation and poor access to community area



Need for traffic management for efficient and safe transportation



Enhancement of Passenger and Cargo Transportation Capacity, and Improvement of Public Transport outlined in the 5-Year Development Plan 2020 - 2024



Improvement of Road/Railway Infra, New Public Transportation (BRT/Rail), Improvement of Traffic Management System outlined in the Maputo Urban Transport Master Plan 2015 - 2035

JICA's Approach

Development Target

-  Institutional Strength and Infrastructure Development for Socially and Environmentally Sustainable Urban Development
-  Development and Rehabilitation of Maputo Corridor Program

Japan Technology & Experience



Comprehensive Support

01

Development Concept
Formulation

02

Plan Materialization

03

Maintenance,
Management and
Operation

04

Human Resources
Development



The Project for the Comprehensive Urban
Transport Master Plan for the Greater
Maputo

TC | Completed | 2012-2014

