

Accelerating Infrastructure Capacity Development

JICA Ethiopia Office
April 28, 2015
Addis Ababa

Japan's Assistance Package for Africa at TICADV



Basic Policy

Japan's basic policy of assistance for Africa is as follows:

- Boost the growth of Africa through trade and investment of private sector
- Promote "Human Security" through Japan's unique assistance

Therefore, Japan will contribute to the growth of Africa, utilizing private and public means of up to **approx. JPY 3.2 trillion (equivalent to USD 32 billion)**, including ODA of **approx. JPY 1.4 trillion (equivalent to USD 14 billion)**, in the next 5 years.

I. Boosting Economic Growth (Private Sector Development, Trade and Investment, Natural Resources)

(1) Trade and Investment

- ◆ **Up to USD 2 billion** by NEXI's trade and investment insurance ◆ Promote investment treaty negotiation
- ◆ Dispatch policy advisor on investment promotion to **10 countries** ◆ Capacity building of **300 people** in **20 countries** to function OSBP (One Stop Border Post) and to facilitate regional trade

(2) Private Sector Development ◆ Assist private sector including **USD 500 million** co-financing with AfDB under the EPSA (Enhanced Private Sector Assistance for Africa)

(3) Natural Resources ◆ Provide **USD 2 billion** of public finance by JOGMEC ◆ Capacity building of **1,000 people** in natural resource industry

II. Accelerating Infrastructure and Capacity Development (Infrastructure, Human Resource Development, Science and Technology, Tourism)

(1) Infrastructure

- ◆ Financial assistance of approx. **JPY 650 billion (equivalent to USD 6.5 billion)** (ODA and JBIC loan) for infrastructure
- ◆ Support formulating **10** strategic master-plans for urban transportation / infrastructure planning
- ◆ Support development of **5** major growth corridors

(2) Human Resource Development

- ◆ Capacity building of **30,000 people** for business and industry ◆ Launch "**African Business Education Initiative** for the Youth: **ABE Initiative*1**," inviting **1,000 people** to Japan. *1 Provide opportunities for competent African youth to study in Japan and intern at Japanese firms through public private partnerships and build networks among the alumni to foster future leaders for business between Japan and Africa
- ◆ Building TICAD human resource development centers for business and industry at **10 locations** for **25 countries**

(3) Science and Technology

- ◆ Support research institute and universities including Pan African University (PAU), E-Just, through technical assistance

(4) Tourism ◆ Host **10** tourism fairs by MOFA of Japan and JATA ◆ Capacity building of **700 people** in tourism industry

Japan's basic policy of assistance for Africa

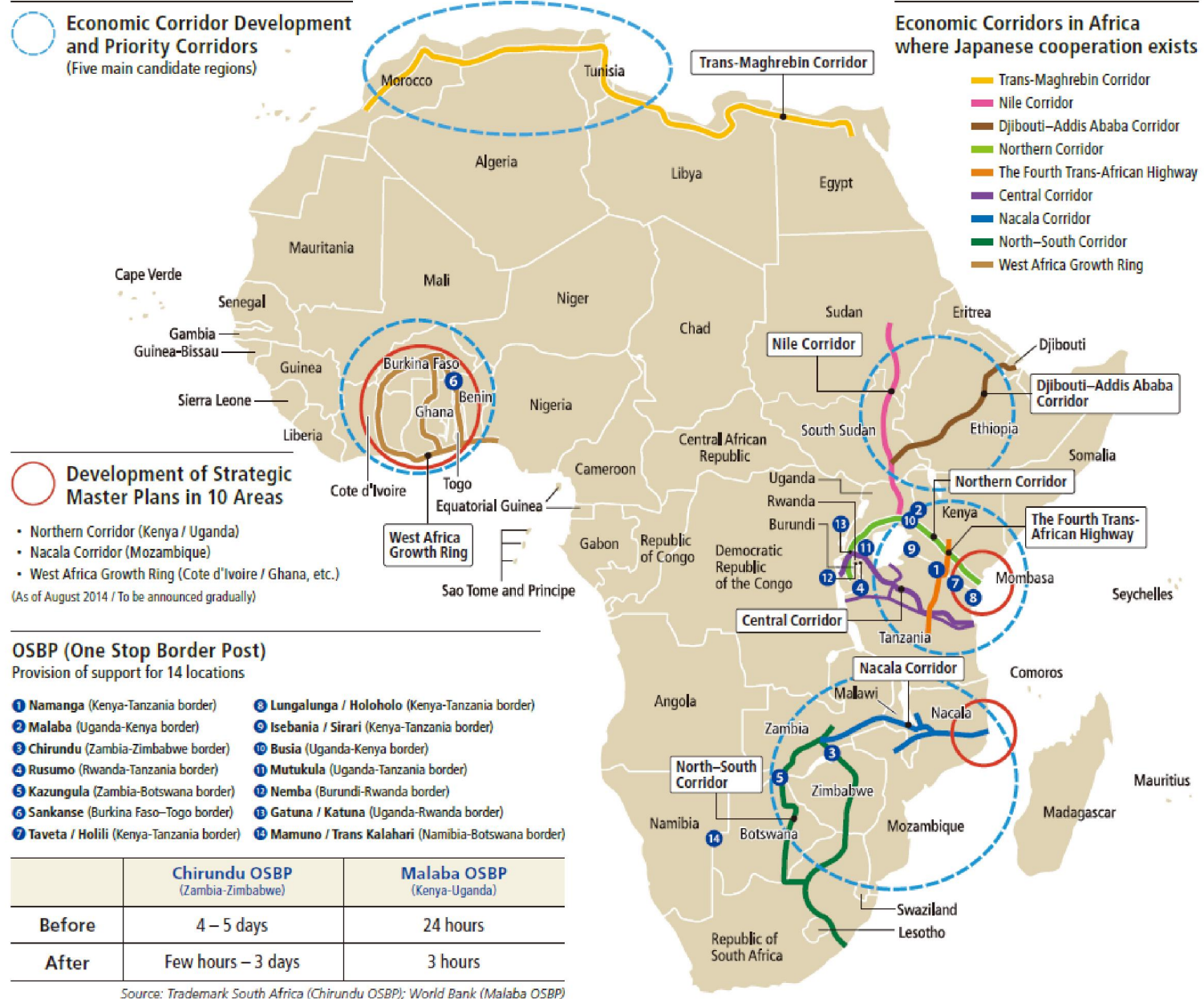
Boost the growth of Africa through trade and investment of private sector

Promote "Human Security" through Japan's unique assistant

Accelerating Infrastructure Capacity Development

- Financial assistance of approx. JPY650billion(USD 605billion) for infrastructure
- Support formulating 10 strategic master-plan for urban transportation/infrastructure planning

Economic Corridor Development and Strategic M/Ps



“Strategic Master Plans” as Policy Assistance for Private Sector-Led Growth

Japan's Assistance Package for Africa at TICAD V

“Formulate 10 strategic master plans for urban transportation and infrastructure planning”

Characteristics of “Strategic” Master Plans

- Contribute to the private sector-led infrastructure development
- Contribute to BOTH development of Africa and greater involvement of Japanese private sector in African Development by:
 - leveraging the strength of the private sector (eg Japanese experience and technology)in infrastructure development
 - preparing the environment for accelerating trade and private investment for the economic development of the region

10 strategic master plans on sub-regional development and regional integration

The following 8 master plans under implementation and preparation

- [M/P on the Northern Corridor in East Africa](#)
- [M/P on the Central Corridor in East Africa](#)
- [M/P on the Nacala Corridor in Southern Africa](#)
- [M/P on the Growth Ring in West Africa](#)
- [M/P on the geothermal development in East Africa](#)
- [M/P on the regional power network in Southern Africa](#)
- M/P for Natural Gas Value Chain in Northern Mozambique
- M/P on the Gas Utilization around the Mtwara Port Region in Tanzania

Example 1: Northern Corridor

[2] Project for Formulation of Master Plan on Logistics in Northern Economic Corridor

< Overview >

Based on the regional logistic projection, Master Plan for the comprehensive logistic planning in Northern Corridor will be developed.



[3] Project for Formulation of Comprehensive Development Master Plan in the Mombasa Gate City

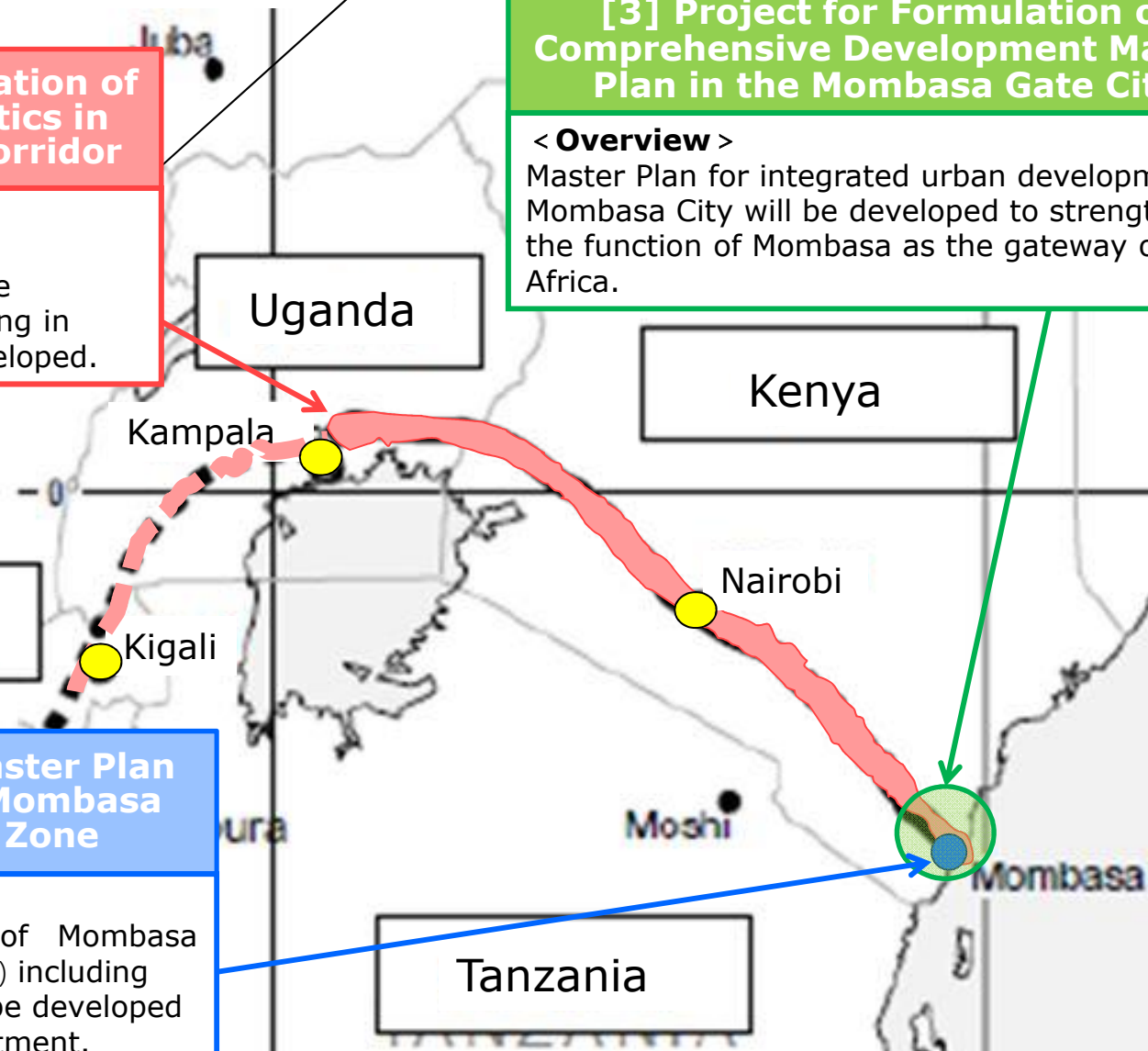
< Overview >

Master Plan for integrated urban development of Mombasa City will be developed to strengthen the function of Mombasa as the gateway of East Africa.

[1] The Project on Master Plan for Development of Mombasa Special Economic Zone

< Overview >

Master Plan for Development of Mombasa Special Economic Zone (SEZ) including Dongo Kundu (DK) area will be developed to attract foreign direct investment.



JICA Projects in Northern Corridor

On-going in Kenya

- Master Plan for Development of Mombasa Special Economic Zone (Strategic M/P)
- Mombasa Port Development Project (Loan)
- Mombasa Port Area Road Development Project (Loan)

On-going in Uganda

- Construction of a New Bridge across River Nile at Jinja Project (Loan)

One Stop Border Post

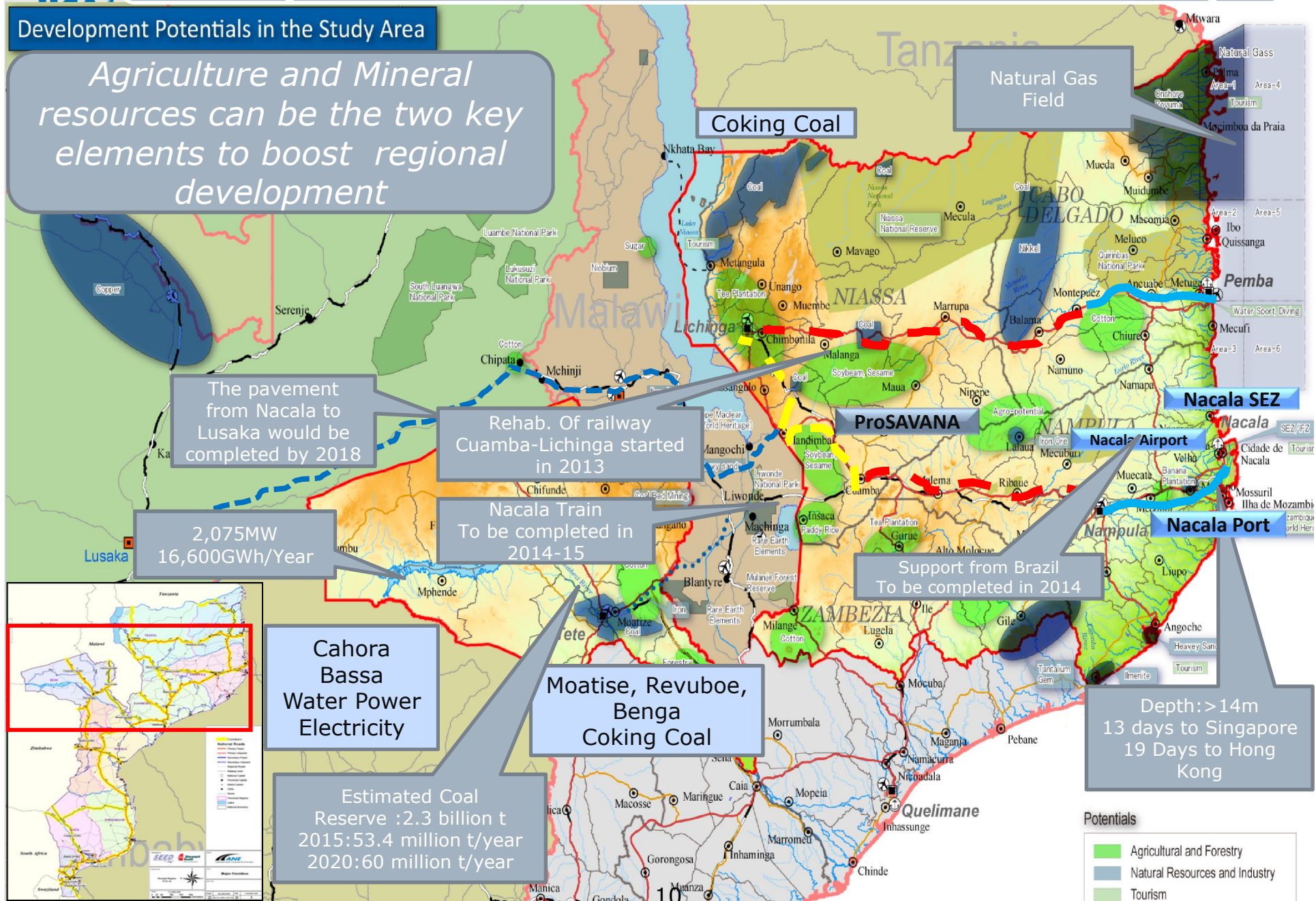
- Technical Cooperation for Malaba OSBP (Kenya/Uganda)



Example 2: Nacala Corridor (Potential Map)

Development Potentials in the Study Area

Agriculture and Mineral resources can be the two key elements to boost regional development



Development Initiatives and Activities in Nacala Development Corridor

Population of the area
5 provinces-13.6mil.

Gas field development



Lichinga Agricultural Experiment Station

Montepuez

Promoting Rural Water supply, Hygiene and Sanitation



Railway Rehab. (Brazil)
To be started from 2013



Secondary Schools in Nampula
Primary Teachers Training Institute in Nampula



Nacala Port



Nacala Airport Development



Reciprocal relationship with Malawi, Zambia

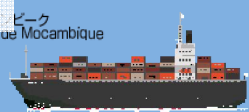
Mandimba

Cuamba

2

Nampula

Nacala



Coking Cole Development In Tete



Railway Construction/Rehab. To be completed in 2015



Gurue



ONE VILLAGE, ONE PRODUCT



Nampula Agricultura Experiment Station

Japan Overseas Cooperation



Roads/Bridges

- ①Montepuez-Lichinga Road Upgrading /349Km
- ②Nampula-Cuamba Road Upgrading /306Km
- ③Cuamba-Mandimba-Lichinga Road Upgrading (under)
- ④Ile-Cuamba Road and Bridge



strengthening pedagogical and technical skills of teachers of health training institute (nation wide)



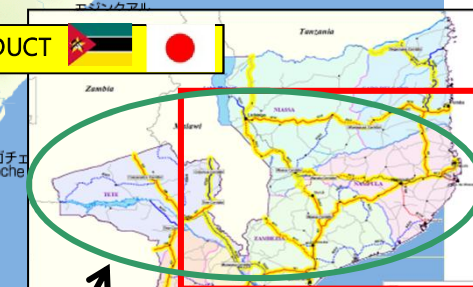
Establishment of Sustainable Forest Resources Information Platform for Monitoring REDD+



Preparatory Survey on Urea Fertilizer Complex Project



Economic Development Strategies <Nampula, Niassa, Tete, Zambezia, Cabo Delgado>



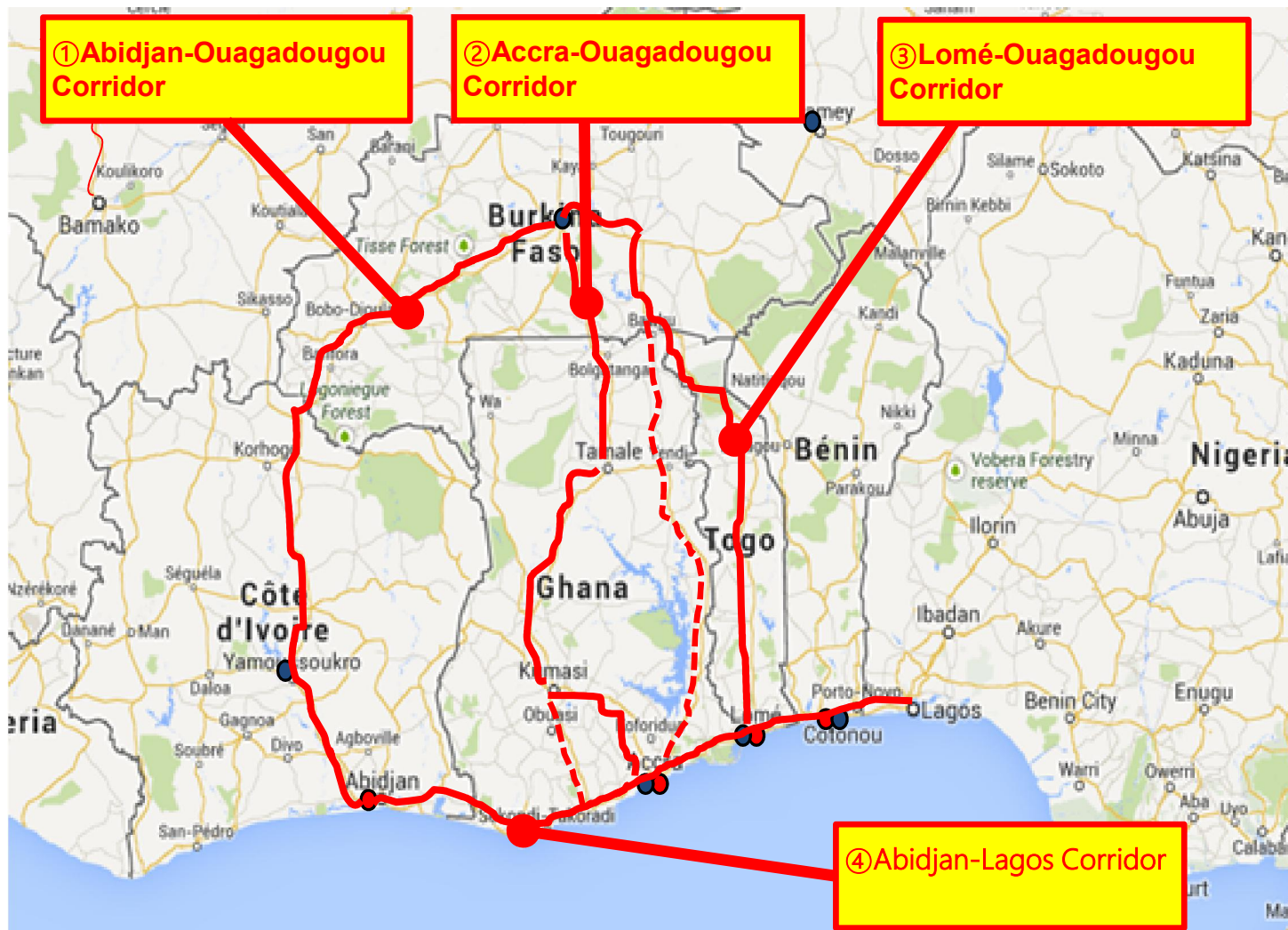
JICA Projects in Nacala Corridor

On-going

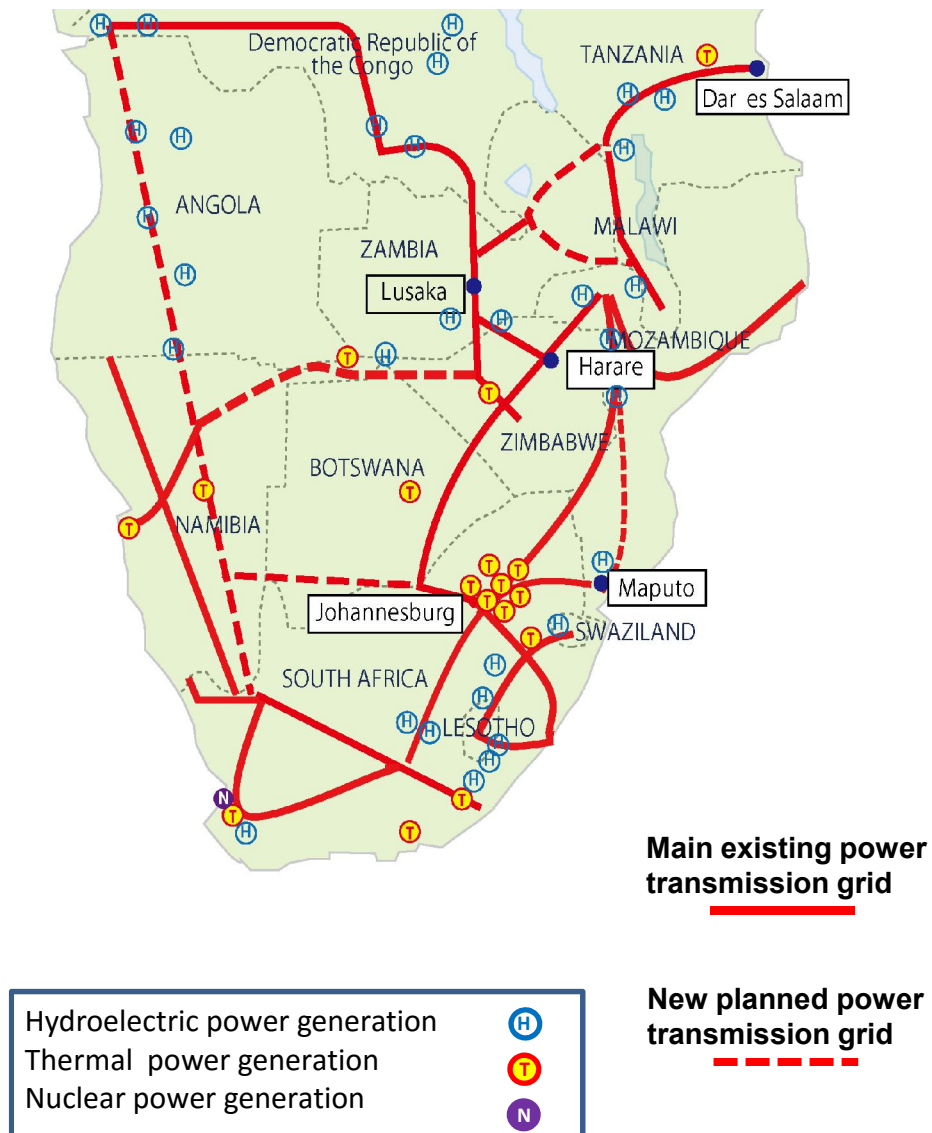
- Nacala Corridor Economic Development Strategy (PEDEC-Nacala) (Strategic M/P)
- Tropical Savana Agricultural Development Program (ProSAVANA)
- Montepuez-Lichinga Road Upgrading (Loan)
- Nampula-Cuamba Road Upgrading (Loan)
- Nacala Port Development (Loan and Grant)
- Mandimba- Lichinga Road Upgrading (Loan)

Project on the Corridor development for West Africa Growth Ring Master Plan

TARGET AREA:



Strategic Master Plan-Energy in Southern Africa Region



1. Main objective of the M/P

In order to correspond to the medium and long-term power demand in the Southern Africa region, the M/P provides a comprehensive support to improve electric power infrastructure by using advanced technologies, such as high-efficiency and low carbon technologies in power generation, transmission, and substations.

2. Geographical Scope

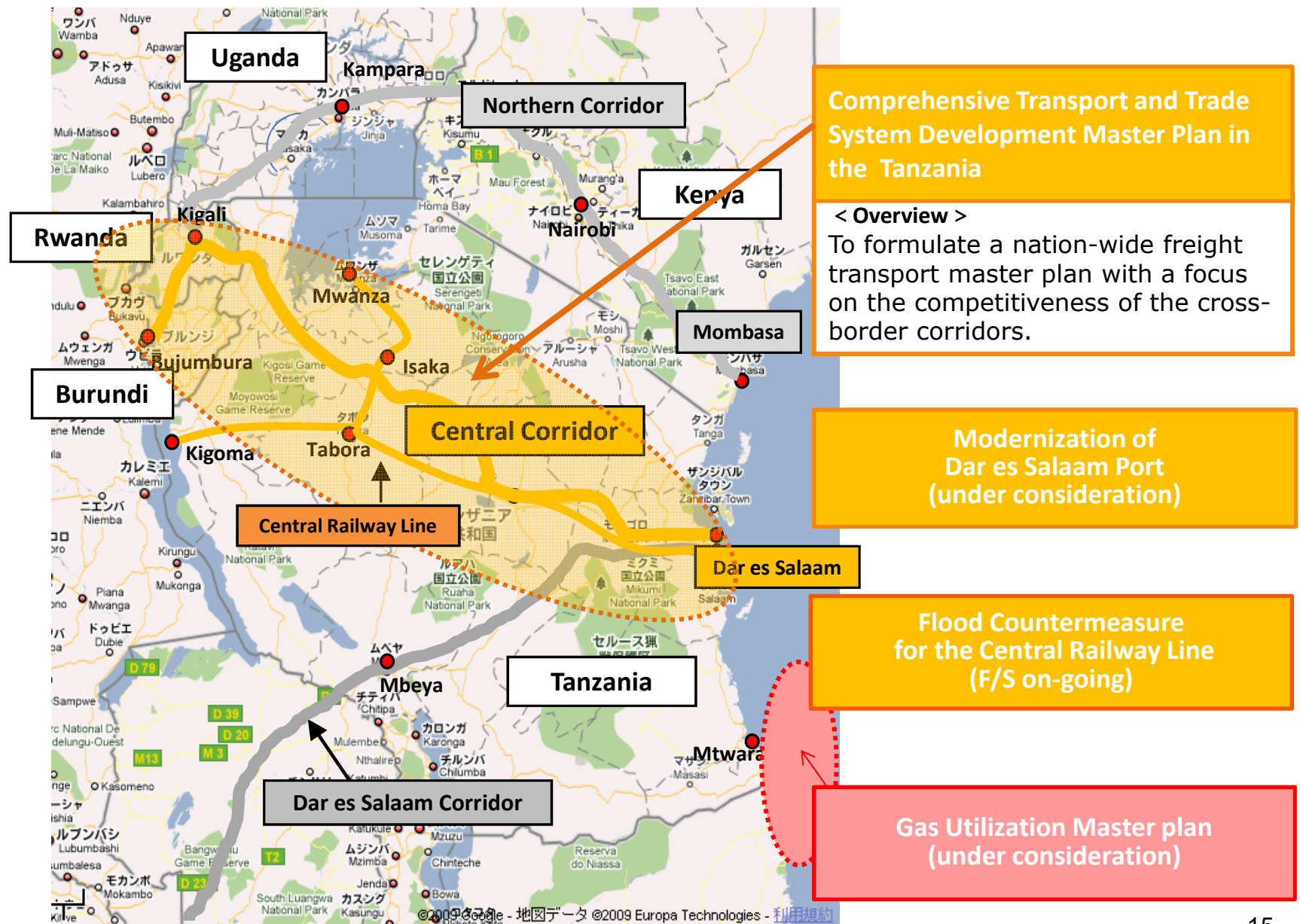
Southern Africa Power Pool (SAPP) member countries.

3. Contents of M/P (under adjustment)

(1) Mainly by reviewing the existing power infrastructure M/P of AU, AfDB, SADC etc., the study will;

- Estimate future power demand for the next 10 to 20 years.
 - Examine current situation, analyze bottlenecks, and examine countermeasures for operations and capacities of power generation and transmission facilities in the target area.
 - Examine current situation and problems of power trade in the Southern African Power Pool (SAPP) as well as bilateral power trade between two countries.
- (2) Formulate an improvement plan based on the findings.
(3) Select power infrastructure that has high impact on private sector development in the Southern Africa region.
(4) Propose JICA's assistance plan that effectively combines instruments such as yen loan, grant aid, technical cooperation, public-private partnerships, etc.

Central Corridor Dev. in TZ





Better Rural Access Roads, Better Farmers Life! “Do-nou” technology



“Do-nou” technology

“Do-nou” is ***Japanese word*** that means wrapping soil in a gunny bag.





Characteristics of “Do-nou” technology

- 1) Use of locally available material
- 2) “Do-nou” bag/Gunny bag (45 cm x 60 cm)
- 3) Material put inside the bag: sand, murram, gravel or farm soil (in-situ soil)
- 4) Manual Labour based and Easily adoptable by the community



Other application of “Do-nou” technology

- . Construction of dykes
- . Construction of water pans
- . Construction of pathways in mushy or swampy areas
- . Reinforcement of irrigation canal linings



Thank you