



Current Renewable Energy Developments in East Africa

Mission

Provide development capital and services in Eastern and Southern Africa through customer focused and innovative financing solutions

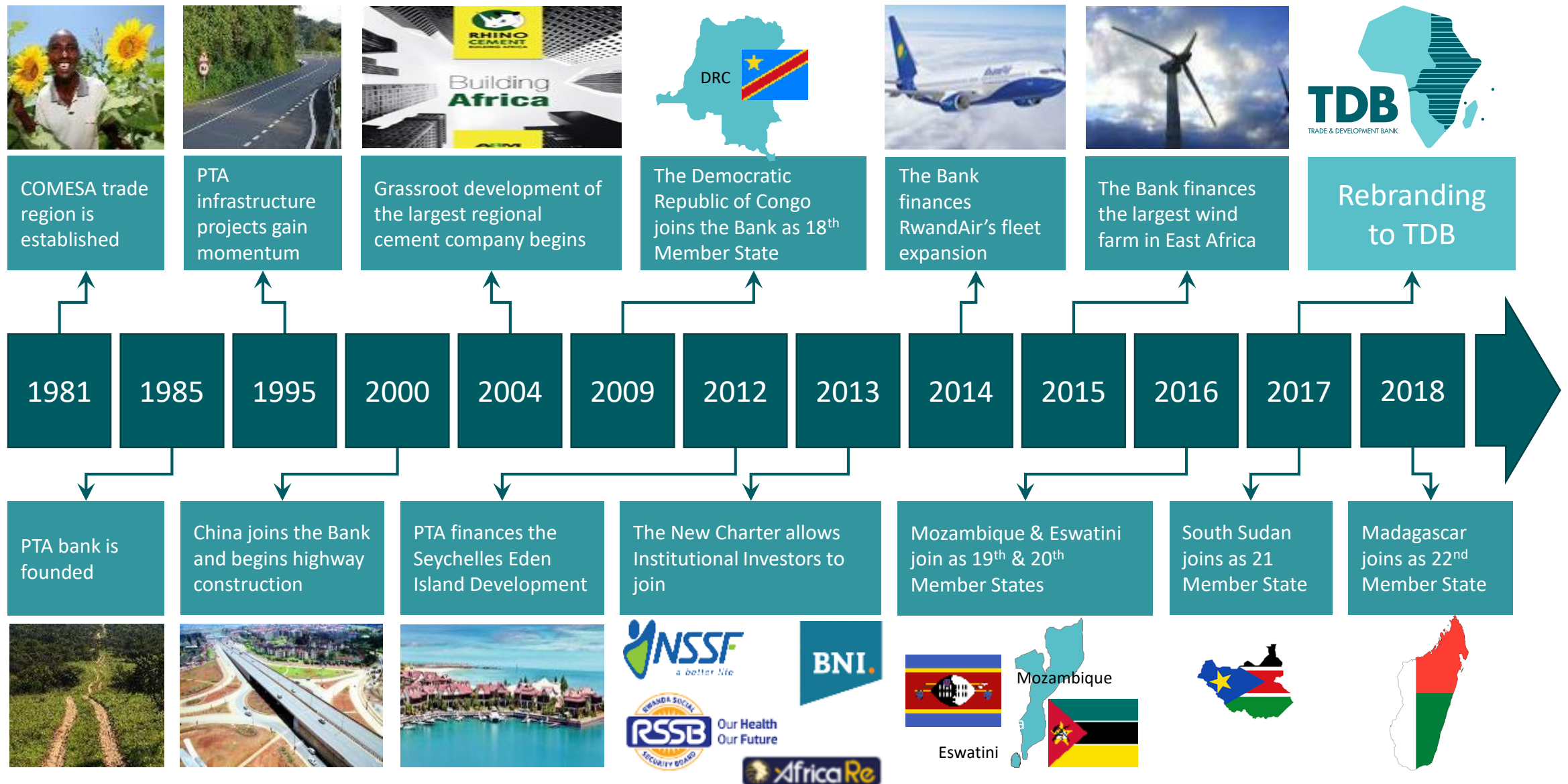
Strategic Goal

To be a preferred and a leading trade and development finance institution in the region

Market Footprint

TDB's footprint covers 22 Member States with a total GDP of USD 855 BN and a total population of 643 MN

Source: "The World Bank 2017"



East Africa Renewable Energy Developments

Kenya

- Bankable \$ PPA, cost reflective tariff, focus on geothermal base load.
 - Generation mix diversification, surplus market, quality of supply challenges.
 - On grid and distributed grid solar projects gaining traction.
-

Uganda

- GETFIT program impact on sector, surplus market Isimba 183MW & Karuma 600MW
 - Dependent on hydro, climate change threat on hydro capacity,
 - transmission system investment & upgrade, quality of supply challenges.
-

Tanzania

- PPA not bankable, lack of government support
 - Focus on gas, potential for solar and wind
 - Challenging market
-

East Africa Renewable Energy Developments

Rwanda

- Limited solar and wind opportunities
 - Focus on Lake Kivu methane gas
 - Bankable PPA and government support
-

Ethiopia

- Dependent on hydro (70%)
 - Generation mix diversification focus & export of surplus to EAPP
 - 500mw scaling solar program, 12 prequalified bidders
-

Financing Trends

- EPCF, blended funds, climate finance/ green bonds
 - 100% equity financed projects
 - Offtaker credit enhancement products – (RLSF & AEGF)
 - Push for project finance light structures and documentation.
-

Simbarashe Chikarango
Head Project & Infrastructure Finance
Project & Infrastructure Finance, TDB

S :+254 732192000

M:+254 787192203

simbarashe.chikarango@tdbgrop.org

197 Lenana Place, Lenana Road

Nairobi, Kenya