



In Partnership with  
the European Union

7 AFFORDABLE AND  
CLEAN ENERGY



# Energy Sector Reform Programme

January 2021

The programme promotes the sustainable development of the Tanzanian energy sector and comprises two main components (i) TANESCO Turnaround, focusing on capacity development of the national utility and (ii) Energy policy and planning reforms, focusing on the reinforcement of the policy and planning framework in Energy in Tanzania.



## KEY INFORMATION

**Sector:** Energy

**Lead Partner:** Ministry of Energy

**Other Partners:** TANESCO, Expertise France

**Budget:** EUR 35 Million

**Duration:** 2020 – 2024

## BACKGROUND

Despite the noteworthy improvements undertaken by TANESCO in recent years, there is still large scope to enhance its operational efficiency and financial sustainability. Capacity building actions are needed to uplift the existing Capacity of TANESCO and also of the Ministry of Energy and of the regulatory Authority EWURA, towards a more efficient and customer oriented supply of Electricity. There is also a need to update existing or develop new strategic documents, policy papers and regulations, and to improve interaction with the private sector. TANESCO requested in particular the modernisation of its management practices, reduction of technical and non-technical losses, the development of functional skills and capabilities to better perform its operational activities across all its business Units. Modernisation/digitalisation of internal systems and processes will include systems such as Geographic Information Systems GIS, Enterprise Resource Planning systems (ERP) and the evolution of the electricity network towards a digital technology development of the grid ("Smart Grid").



## PROJECT DETAILS

The project provides targeted trainings, long and short-term technical assistance and technical and general equipment in order to strengthen TANESCO's management practices, digitalisation of internal systems and processes, and develop a modern ICT infrastructure as well as related capacity for efficient use Enterprise Resource Planning (ERP), Smart Grid Study and Development of a Smart Grid road map for Tanzania. It includes a policy reform component which, among other strategic document aims at the development of the National Renewable Energy strategy and Action Plan and of the Power System Master Plan (PSMP).

## EXPECTED RESULTS

- Capacity building of units in TANESCO
- Development and adoption of integrated management digital technology (Enterprise Resource Planning)
- Geographic Information System (GIS), in place to store, retrieve, manage, display, and analyse all types of geographic and spatial data.
- Improve supply-side energy efficiency of TANESCO, including sustained reduction of technical and non-technical losses
- Distribution of 17 500 Pre-Paid meters
- Supply to TANESCO of equipment suitable for grid network repairs and maintenance.
- National Renewable Energy strategy and Action Plan developed
- Power System Master Plan (PSMP) developed

## OBJECTIVES

Improved service delivery and value for money for the customers of the national utility TANESCO



Technical Assistance, Trainings, Supply of Equipment



Improved working methods, capabilities, planning and equipment at TANESCO

Energy Policy and Planning framework strengthened



Technical Assistance, Trainings, Supply of Equipment



New updated energy policies, strategies, planning and action plans.

Reinforced energy sector knowledge and analysis by stakeholders

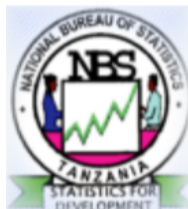


Technical Assistance, Trainings, Supply of Equipment



Energy and climate data collection, management and analysis

## PARTNERS, BENEFICIARIES OF TECHNICAL ASSISTANCE



EXPERTISE FRANCE

## CONTACTS

Massimiliano Pedretti: [massimiliano.pedretti@eeas.europa.eu](mailto:massimiliano.pedretti@eeas.europa.eu)  
Phone: +255 222 164 531



EUROPEAN UNION  
IN TANZANIA

Email: [delegation-tanzania@ec.europa.eu](mailto:delegation-tanzania@ec.europa.eu)

Website: [http://eeas.europa.eu/delegations/tanzania/index\\_en.htm](http://eeas.europa.eu/delegations/tanzania/index_en.htm)



EuropeanUnionTanzania



@EUinTZ