



Co-Funded by
the European Union



Rural Electrification Programme – Support to Turnkey III in Tanzania



December 2021

The overall objective of the project is to improve livelihoods and foster social and economic development in rural areas through the provision of access to electricity.



KEY INFORMATION

Sector: Energy (Rural Electrification)

Lead Partner: Rural Energy Agency (REA)

Other Partner(s): Tanzania Electric Supply Company (TANESCO) and Rural Water Supply and Sanitation Authority (RUWASA)

Budget: EUR 423,808,146.56

EU Contribution: EUR 65 Million

Duration: 2017 - 2023

BACKGROUND

EU support aims to improve access to reliable electricity in rural areas through the extension of the distribution network. More specifically, it will contribute to the implementation of the Rural Electrification Turnkey III Programme of the Government of Tanzania and the Rural Energy Agency (REA) for the period 2016/17-2020/21.

EU support will help strengthen capacity within the power utility Tanzania Electric Supply Company Limited (TANESCO) and REA to prepare, design and implement rural electrification programmes. The action will increase the quality of life in rural areas, bring clear benefits especially to women and children, and improve health and educational services. The action will also promote entrepreneurship through the productive use of energy and ensure linkages to other key stakeholders promoting rural development at large.

The project covers all 26 regions of mainland Tanzania.



PROJECT DETAILS

The specific objective of the action is to improve access to reliable power in rural areas through the extension of the public power distribution grid. The EU contribution would provide electricity to approximately 3,559 villages, with an estimated 193,306 new grid connections benefitting more than 1 million people. In addition, it would specially provide electricity to at least 63 health facilities and 363 water supply schemes in rural areas, for improved preventative and curative health services for people with infectious diseases, including COVID-19.

Main activities are:

- Confirm final selection of target villages/districts/regions with regard to the Turnkey III plan.
- Prepare Engineering, Procurement, Construction (EPC) tender documents, tender and select competent contractors.
- Monitor and supervise Turnkey operations (grid extension and connections).
- Implement REA's outreach plan to raise awareness of prospective beneficiaries of energy services.
- Identify productive uses of electricity in targeted rural areas and activities to increase use of electricity for productive uses (businesses) in rural areas.
- Coordinate with Local Government Authorities to facilitate connection of public buildings and provision of services.
- Conduct survey of poor households to be connected using ready-boards.
- Identify and electrify rural water and health facilities through grid electricity and renewable energy systems.
- Streamline and strengthen joint REA / TANESCO planning, monitoring and supervision systems of rural electrification projects.
- Streamline and strengthen joint REA / TANESCO certification and approval systems to ensure an appropriate level of performance.
- Improve and strengthen overall coordination functions including data collection, analysis and management capacity.

EXPECTED RESULTS

- Approximately 3,559 villages in rural regions of Tanzania gain access to electricity.
- An estimated 193,306 new grid connections including households, businesses and public buildings, benefiting a total population of more than one million people.
- Strengthened technical capacities within TANESCO and REA to prepare, design, monitor and supervise rural electrification projects and ensure an appropriate level of performance in operations and maintenance of the lines once they enter into operation.
- Improved health services, water supply and awareness rising campaigns for the rural population leading to prevention of infectious diseases, including COVID-19.



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