



Funded by the European Union

7 AFFORDABLE AND CLEAN ENERGY



Tanzania - Zambia Interconnector

December 2020

The project will construct 620 km of 400 kV double circuit transmission line, from Iringa in the Southern Highlands of Tanzania, to the Zambian border and continue on from the Zambian border to Sumbawanga. This will link the Tanzanian grid to Zambia’s grid and it includes the construction of a sub-station at Tunduma, close to the Zambian border.



KEY INFORMATION

- Sector:** Energy
- Lead Partner:** Agence Française de Développement (“AFD”)
- Other Partners:** World Bank (through IDA)
- Budget:** Approx. EUR 500 million
- EU Contribution:** Approx. EUR 30 million
- Duration:** 2020 – 2026

BACKGROUND

Tanzania has an important energy infrastructure gap and it is critical to address it in order to achieve industrialization and poverty reduction. The abundant, diverse, and renewable energy resources in Eastern and Southern Africa underlie the significant potential benefits from regional energy sector integration. The project will complete the segment of the Ethiopia – Kenya – Tanzania - Zambia regional transmission corridor, by connecting Tanzania’s national grid to the Zambian one, thus enabling Tanzania to trade energy within the region.



PROJECT DETAILS

The EU grant will finance:

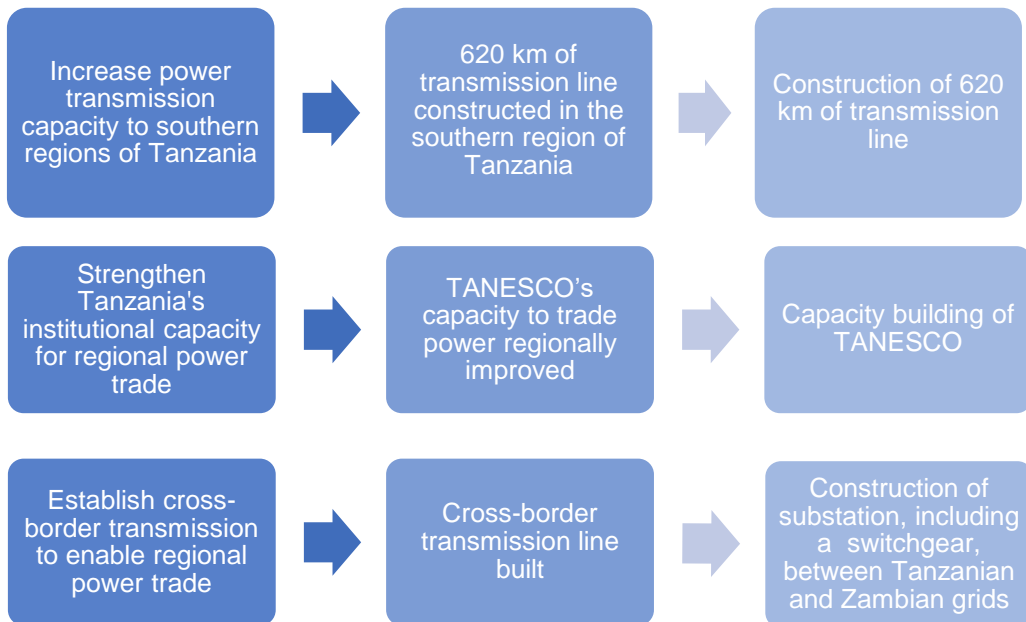
- The construction of the Tunduma substation, including the installation of a power distributor;
- The construction of a 4km transmission line from Tunduma to the Zambian border;
- Capacity building for the Tanzanian public utility – TANESCO, on the operation of the grid, integration of renewable energy, smart grid technologies and operation and maintenance of electricity lines and substations.

EXPECTED RESULTS

The project will:

- Increase access to reliable electricity in the Southwestern part of the country;
- Replace an existing 5 MW diesel-fired mini-grid installed near Sumbawanga,
- Replace imports from Zambia, with cheaper power from the Tanzanian grid;
- Reduce line losses of the current line from Iringa to Mbeya by reducing congestion;
- Improve the reliability of the power supply from future plants located in the south of Tanzania;
- Create a geographically contiguous transmission corridor linking Ethiopia-Kenya-Tanzania to the Southern Africa region, through Zambia.

OBJECTIVES



PARTNERS



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