

EU-Africa: Energy flagship projects

#GlobalGateway #TeamEurope

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Regional – Southern Neighbourhood

Energy Efficiency in Buildings

Support the transition to low-carbon, energy-efficient and climate resilient buildings and construction sectors through technical assistance and concessional loans

Tunisia

- Construction of a first undersea high-voltage electricity cable interconnection between Italy and Tunisia (ELMED interconnection)
- 1.7 GW renewable energy programme: financing an estimated 100 km of transmission lines

Morocco

- Conducting a call for proposals for P2X hydrogen power plant
- Renewable hydrogen production

Egypt

- High voltage electrical interconnection in the Eastern Mediterranean between Europe and Africa passing from Egypt to Greece (GREGY project)
- Renewable hydrogen production
- Loans and grants to private and public companies to invest in Green and Sustainable Industries

Senegal

- Just Energy Transition Partnership: boost renewable energy deployment, targeting 40% of Senegal's electricity capacity by 2030

Niger

- Construction of hybrid and solar power plants and extension of energy networks

Cape Verde

- Construction of Pump and Storage Facility in Santiago island

Cameroon

- Construction of the Nachtigal Hydroelectric dam (400 MW)
- Modernisation of the industrial tool and energetic transition of Sodocoton

Côte d'Ivoire

- Development of solar power plant in Boundiali, Serebou and Kossou, and extension, reinforcement and upgrading of networks
- High voltage transmission line (backbone)
- WASUNA project: building an innovation platform around the Taabo hydroelectric scheme

Ghana

- Solar power plant Kaleo
- Kpong hydroelectric power plan rehabilitation

Nigeria

- Generation and evacuation infrastructure for on-grid renewable energy projects
- Jigawa Solar photovoltaic project: building a 50-100 MW public solar power plant
- Construction of about 150 small photovoltaic-hybrid mini-grids
- Provision of combi-tracks solar energy and horticulture

Benin

- Upgrade of large-scale solar power plant and photovoltaic minigrids by the West African Power Pool (WAPP)

These outputs do not capture the whole of the Team Europe engagement in country. They capture concrete investments under Global Gateway. They will be accompanied by soft measures in a 360° approach, so as to improve the policy, regulatory and business environment, develop skills, foster innovation and transfer technology (i.e. the D4D Hub and its regional branches). North of Africa projects are implemented under the EU's Economic and Investment Plans agreed with the countries. The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the EU.

Source: European Commission – Eurostat/GISCO

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Democratic Republic of the Congo

- Improving and securing electricity generation from renewable energies: rehabilitation of the Ruzizi II hydropower plant and common switchgear of hydroelectric power plants INGA I and II
- Kolwezi-Solwezi Power Interconnector Project
- Construction of Ruzizi III regional hydropower plant for DRC, Rwanda, and Burundi

Rwanda

- Construction of Ruzizi III regional hydropower plant for DRC, Rwanda, and Burundi

Uganda

- Rehabilitation of Nalubaale-Kiira Hydropower Plant (380MW)
- Uganda-South Sudan Interconnector (400 kV)

Djibouti

- Doubling the capacity of the desalination plant, construction of a solar energy plant

Ethiopia

- Renewable, Integrated, Sustainable Energy and Digitalisation (RISED) Ethiopia: Ashegoda wind farm rehabilitation, grid modernisation, and further rehabilitation works

Angola

- Solar Park for Rural Electrification to give access to electricity to more than 200 000 households

Kenya

- Modernisation of the Olkaria geothermal power plant
- Transfer of innovative Polish biogas technology to the agricultural sector
- Construction of Zambia – Tanzania – Kenya (ZTK) Transmission Interconnector

Zambia

- Rehabilitation of the Kariba Dam
- Construction of Zambia – Tanzania – Kenya (ZTK) Transmission Interconnector
- Kolwezi-Solwezi Power Interconnector Project

Burundi

- Improving access to electricity in Bujumbura
- Construction of Ruzizi III regional hydropower plant for DRC, Rwanda, and Burundi

Namibia

- Construction of 85 MW solar PV plant combined with electrolyzers
- Implementation of partnership on raw materials value chains and renewable hydrogen
- Financial platforms for green hydrogen

Tanzania

- Construction of Zambia – Tanzania – Kenya (ZTK) Transmission Interconnector
- Construction of Kakono Hydropower Plant
- UTIP Tanzania - Uganda (400 kV) Interconnector

South Africa

- Just Energy Transition Partnership to accelerate the decarbonisation of the country's economy
- Expansion of a biogas plant (Bio2Watt project) producing biogas from animal waste and other waste sources
- Financial platforms for green hydrogen

Madagascar

- 320 MW increase of renewable energy production with various subprojects

Mozambique

- Construction of National Control Centre for Energy Infrastructure, power supply improvement
- Modernisation and extension of two hydropower plants

Malawi

- Upgrade of the Eastern Backbone Power Transmission

