



EU-Africa: Global Gateway Investment Package – Green Energy Initiative

#GlobalGateway #AfricaEU #TeamEurope

NOVEMBER 2022

In the context of the 6th EU-AU Summit, Team Europe proposed the Africa-EU Green Energy Initiative (AEGEI). It aims to increase electricity production and access to energy, promote energy efficiency, create a conducive regulatory environment for private investments and advance market integration. Technology solutions are abundant and ready to be deployed and development cooperation funds can help to leverage private sector investment in clean energy. We can address the risks while making the best of the opportunities by acting together, promoting more partnerships for a green transition that benefits us all, environmentally, socially and economically.

The Africa-EU Green Energy Initiative will finance actions to:

- increase electricity production and access to energy,
- promote sustainable energy uses,
- support sector reforms towards a conducive regulatory environment for private investments,
- foster market integration.

This initiative aims to engage European and African public and private sector actors.

The **infrastructure component** of the Africa-EU Green Energy Initiative includes:

- enhancing access to clean energy, for instance via off-grid decentralized solutions and mini-grid,
- generation of and access to sustainable energy in the North Africa, West Africa, Central Africa, Eastern Africa and Southern Africa Power Pools



Africa-EU Green Energy Initiative

By 2030, the EU-Africa Green Energy Initiative aims to support the deployment of at least 50 GW of renewable electricity, providing at least 100 million people with access to electricity.

€3.4 billion in EU grants will support renewable energy, energy efficiency, the just transition and the greening of local value chains. Part of this, will be used to leverage private sector investments via guarantees and blending under the European Fund for Sustainable Development (EFDS+).



Regional electricity interconnections and market integration

Through the AEGEI, the EU will support African partners to develop the Continental Power System Masterplan for the necessary infrastructure connecting the five African power pools. The Investment package will include funding for major ongoing projects for electricity interconnections and transmission lines, as well as support through technical assistance for setting up the Africa Single Electricity Market.

**Estimated funding:
€15 billion**
from the EU public institutions and private investors

The Africa-EU Green Energy Initiative is Africa-wide: it will include actions at **continental, regional and national level**.



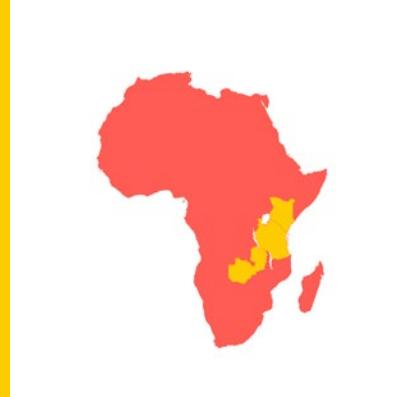
In focus:

EU funds are allocated to a project for a 200 km transmission line between the **Democratic Republic of Congo and Zambia** connecting the Zambia Electricity Supply Corporation Limited network to the future Congolese National Electricity Company's grid.



In focus:

EU funds are allocated to the (Kasama) - Tanzania (Mbeya) 400 KV interconnection that is part of the **Zambia-Tanzania-Zambia Kenya** transmission and that will link the EAPP and SAPP countries



In focus:

EU funds are allocated to a project for the **Angola-Namibia** interconnection (ANNA), part of the Southern Africa Interconnection corridor.



Renewable energy, access to energy and promoting sustainable energy uses



In focus:

Clean Hydrogen production in Africa and EU neighbourhood

Across the African continent, massive deployment of renewable energy and clean hydrogen production, contributing to the aspiration to have at least 40 Gigawatts of electrolyser capacity in by 2030 and help develop the renewable hydrogen sector by unlocking business opportunities in both the supply and demand side for energy intensive industries

At COP27 Commission President Ursula von der Leyen and President of Namibia Hage Geingob signed at the COP27 in Egypt a Memorandum of Understanding establishing a strategic partnership between the EU and Namibia on the development of renewable hydrogen and critical raw materials supply chains to support the green and digital transformation.

In focus: country examples for other renewables:

Benin, Cameroon, the Gambia, Ghana, Mozambique, Madagascar, Niger, Nigeria, Togo, Zambia supporting solar or hydro power plans, investing in transmission lines and interconnectors, increasing access to electricity including for schools and health centers or through mini grid and decentralized systems. The total committed funding in 2021-2022 is €117 million. We also contributed to improve the regulatory framework in more than 20 African countries and continue supporting the study on a Continental African Transmission master plan and the implementation of the African Single Electricity Market.

Critical Raw Materials: MoU signed with Namibia at COP 27. In the pipeline: Uganda, South Africa, Rwanda, Senegal, DRC, Zambia, Burundi, Morocco, Algeria.



Just Energy Transition Partnerships in Africa

AEGEI includes the flagship « **Just Energy Transition Partnerships** » (JET) helping partner countries' energy transition, including their engagement towards a better access to clean, affordable and secure energy, the greening of their energy mix through key investments in areas such as renewable energy and storage, energy efficiency in key sectors of the economy (industry, buildings and appliances, transport) and enhanced interconnected energy systems.

In focus:

Just Energy Transition Partnerships with South Africa and Senegal. For the JETP with South Africa, the EU committed €3 billion for the implementation of the investment plan adopted at the COP27 in Egypt.



Access to energy – decentralized access to energy

Electricity offers tremendous opportunities for job creation and growth when it is used for productive uses. The EU, on its part, is fully committed to playing a leading role by actively supporting the uptake of decentralized renewable energy in all our policy dialogues with our partner countries and through our programmes. The future we want is a future where electricity from renewable energy provides opportunity for growth and job creation to the people, without damaging the planet.



In focus: a €1 billion Team Europe Initiative to help the low carbon transition of Côte d'Ivoire.

The Team Europe Initiative aims to support Côte d'Ivoire in implementing its climate commitments, which are to reduce its greenhouse gas emission by 30.41% by 2030. Focus will be on the key sectors of gas emission in the country (agriculture and forestry, energy production and transport) and the promotion of renewable energies.