

Africa - EU Green Energy Initiative (AEGEI)

#GLOBALGATEWAY

#TEAMEUROPE

TEAM EUROPE PROPOSAL



Geographic coverage:

- The energy cooperation with Africa including the North Africa countries.

Continental level:

- Strategic follow-up of **AEGEI**.
- Promote **Continent to Continent** high-level contacts and policy, visibility and effectiveness.
- Inclusive multi-stakeholder forum for policy dialogue and capacity development.
- Promote harmonised approach on Team Europe (reporting, results) and knowledge management.
- Increase cooperation between **SSA DG INTPA and North Africa DG NEAR** actions.

Country level:

- Maintain project pipelines, coordinate the selection of projects, ensure effective information flows.
- Policy and TA support coordination
- Information exchange among TE actors.
- Ensure coherence and complementarity between regional and national actions.

Regional level:

- Regional project pipeline and database on regional and national EU projects.
- Coordinate the selection, financing and implementation of regional energy projects.
- EU development assistance to mobilise private sector capital and technology (green transition)
- Reinforce the TE members cooperation and interaction with multilateral and regional organisations on sustainable energy
- Partner countries and organisations dialogue
- Information exchange among TE actors.

MODALITIES/TOOLS

Policy dialogue

Capacity building

Technical assistance

Support to investments

Continental initiatives

COMMON AREAS OF INTERVENTION

- The Angola-Namibia interconnection (ANNA),
- The DRC (Kolwezi) – Zambia (Solwezi) Transmission Line
- The Zambia (Kasama) – Tanzania (Mbeya) 400 KV interconnection that is part of the Zambia-Tanzania- Zambia Kenya transmission
- The 330 kV Nigeria-Benin/Togo Interconnection Reinforcement Project
- “Africa Single Electricity Market” operationalisation: Support to the AUC
- “Africa Continental Transmission line Masterplan”: Support to AUDA/ NEPAD through the provision of technical expertise
- National Control Center (NCC) for Energy (Mozambique);
- Cabo Verde Pump and Storage Facility in Santiago
- Youth in Agribusiness proramme will support 10,000 young people in setting up their own business in the agrifood sector or finding a suitable job.

*This Team Europe Initiative is work in progress

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AFRICAN CONTEXT

The continent's primary energy needs (electricity, transport, heating, and cooking) are met with:

- fossil fuels (50%)
- unsustainable biomass or waste (48%)

=>negative consequences for air pollution, desertification, and climate change.

The electricity sector is responsible for the largest share of energy-related CO2 emissions in Africa, at around 42% of the total in 2018. SSA DG INTPA and North Africa DG NEAR actions.

Africa's renewable energy sources are abundant and the sustainable energy technology have become cost-competitive

Access to energy – the biggest energy priority for SSA:

- Largest access deficit to sustainable energy.
- ≈600 million people are lacking access to electricity.
- ≈ 850 million people do not have access to clean cooking **facilities**.

Ongoing support:

- The programme DEMand side management, Social Infrastructures, Renewables and Energy Efficiency (DESIREE)
- The Electrification Financing Initiative (ElectriFI)
- The Get.Pro Global Energy Transformation Programme

GEOPOLITICAL CONTEXT AND RELEVANT SDGs

7 AFFORDABLE AND CLEAN ENERGY



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Commission's Joint Communication "Towards a comprehensive Strategy with Africa"

Africa Europe Energy Partnership (AEEP), launched in 2008 under the Joint Africa Europe Strategy.

The AEGEI is part of the Global Gateway Africa Investment Package

The African Union's Agenda 2063

Global Europe instrument

TRANSFORMATIONAL POTENTIAL

- Contributing to a higher share of renewable energy sources in primary energy production in African countries
- Increase the number of African people gaining access to affordable, reliable and sustainable energy services
- Promote energy efficiency in Africa

**SDGs included based on a new JRC electronic text mining tool, which identifies SDGs (targets)