

2030 - 300GW



AREI

Africa Renewable Energy Initiative
Initiative Africaine pour les Énergies Renouvelables

Continental experience on Digitalization of Renewable Energy

13 October 2022, Morocco, (Hybrid)
14:00-16:00 (GMT)



African
Union



THE AFRICA-EU PARTNERSHIP
LE PARTENARIAT AFRIQUE-UE



Africa-EU Energy Partnership

The Africa-EU Energy Partnership (AEEP)

- **Launched** by African and European Heads of State at the AU-EU Summit in Lisbon, **2007**.
- The ***green bridge between Africa and Europe***
 - Facilitates **Bicontinental political dialogue** and **green diplomacy** (formal and informal);
 - Facilitates **dynamic (operational) alignment on energy transition** intra Africa and bi-continently;
 - **Custodian of just energy transition and SDG7 initiatives** at bi-continental level - monitors progress and showcases joint action
 - **Generates know-how and exchange.**



AEEP Personnel 2022



AUC IED

Strategy and policy support



AFREC

Technical M&E support

AUDA - NEPAD
AFRICAN UNION DEVELOPMENT AGENCY

AUDA-NEPAD

Supporting implementation of
regional energy projects

AEEP Activity Areas



- Regular alignment on bi-continental priorities in Steering Group Meetings and support to major events (e.g., AU-EU Summit)
- Inputs to key initiatives (e.g., "SEI Platform", "Africa-EU Green Energy Initiative")
- Embedded advisors to AUC and AUDA-NEPAD

Fostering Political Dialogue



- **Monitoring Report highlighting EU contributions to SDG7 in Africa**
- **Supporting the African Energy Commission (AFREC) in the digitalisation of the African Energy Information System**
- **Mapping of Energy Initiatives in Africa**

Showcasing Joint Action



- High-Level AEEP Forum in October 2021 and September 2022.
- Webinar series "AEEP Energy Talks" on key topics (e.g. green hydrogen, wind energy in Africa, AU-EU alignment for COP27)
- Publishing expert insight studies and policy briefs

Generating Know-How and Exchange

Digitalization in AFREC Activity Areas



- Collect, validate and disseminate energy statistics and energy indicators
 - Energy balance for all African countries
 - Energy efficiency indicators for residential, industrial, transport and service sectors
 - Energy prices and taxes
 - SDG7 & NDC en tracking for all African countries
- Develop and publish policy papers and energy briefs
- Training of regional Trainers
- Establish AFREC School of Statistics
- Establish NDC Centre for Africa

**African Energy
Information System
and Energy Statistics**



- **Energy Transition Programme**
Regional approach of de-carbonisation policies and strategies
- **Energy Efficiency Programme**
Regional and national action plans / investment strategies
- **Bioenergy Programme**
Improved monitoring for sustainable policies
- **Oil and Gas Programme**
- **Capacity Building Programme on Energy Sector**
Renewable energy planning & policy mapping of renewable energy resources in Africa

**Overview of Energy
Programmes**



AEEP, AFREC & AfDB : Digitalization of Tools for Gathering and Analysing African Energy Data

ToT with AFREC

The AEEP continues to support AFREC's series of Training of Trainers (ToT) courses for African energy statisticians to further the digitalisation of the African Energy Information System.



MMEIPA

MMEIPA aims to enhance transparency and coordination of initiatives that support Africa's energy future.

Questionnaire

Energy Initiatives and Programmes in Africa Questionnaire

English

Date of entry:

Contact Name:	<input type="text"/>	Information Instructions	Questionnaires Initiatives and Programmes Sources Comments
Gender:	<input type="text"/>		
Country:	<input type="text"/>		
Position:	<input type="text"/>		
Organization/Authority:	<input type="text"/>		
Email:	<input type="text"/>		
Telephone:	<input type="text"/>		
Address:	<input type="text"/>		

Africa Energy Information System: Mapping of Energy Initiatives and Programmes in Africa
Version: 05-Oct-20

[Home](#) [Instructions](#) [Initiatives/Programmes](#) [More...](#) [Language](#)



Provides access to 300+ energy initiatives and programmes in Africa

Mapping and Monitoring of Energy Initiatives and Programmes in Africa (MMEIPA) provides the basis for an ongoing coordination effort, led by African stakeholders, that will help development cooperation on energy in Africa.

Digitalization Outlook in Renewable Energy

Specific Support Studies of the Continental Power Systems Masterplan (CMP)

Ongoing studies

1. Solar Energy
2. Wind Power
3. Geothermal
4. Green hydrogen
5. Battery Energy Storage Systems
6. Hydro pumped storage systems

Synergy Opportunities on Pending Studies

1. Reaching the Last Mile with Access to Electricity and leaving no one behind in PIDA Corridors
2. The Role of Distributed Power Systems in Universal Access to Electricity and future Integration to national, Regional, Continental Electricity Markets
3. Link between CMP, Africa Industrialisation, Integrated Economic Corridor Development and AfCFTA
4. Financing Mechanism of the CMP Projects



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