



# Partnerships for Energy Access in Africa

## Africa- EU Energy Partnership

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Theme: Financing Infrastructure in Africa

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Africa-EU  
Energy Partnership

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## Africa EU Energy Partnership at a Glance

*The AEEP is a long-term framework for strategic dialogue on energy issues between **Africa and the EU***

- Established in 2007, under JAES strategy
- Political framework for strategic energy dialogue
  - High Level and Stakeholder Dialogue
  - Thematic Workstreams
  - Monitoring Progress of AEEP targets
  - Capacity support to African Counterparts
- Steering Group: AUC, EC, COMESA, Egypt, Germany and Italy





## **AEEP 2020 Targets**

### **2020 Targets in the framework of the AEEP**

#### **Access**

to modern and sustainable energy services to at least an additional

**100  
MILLION  
AFRICANS**

#### **Energy Security**

**2x**

- the capacity of cross-border electricity interconnections
- the use of natural gas
- African gas exports to Europe

#### **Renewable Energy and Energy Efficiency**

**10,000** MW of new hydropower

**5,000** MW  
of wind power

**3x** the capacity of all other renewables

**500** MW  
of all forms of solar power

Increase energy  
**EFFICIENCY**  
in Africa in all sectors

## Tracking developments in the African energy sector

- **80% of electric power in Africa is generated from fossil fuel**
- **Over 80% of African population depends on biomass for cooking**

### Renewables:

- **Hydroelectric power (HEP)** remains the dominant RE technology supplying African grids. Between 2010 and 2015, 2,174MW of HEP capacity was added bringing the total to 35.18GW by end of 2015.
- **Solar** capacity has enjoyed exponential success installed capacity at end-2015 was 1,546MW, compared with 103MW in 2010.
- **Wind power** since 2010, 2,132MW of wind power has been added, more than doubling the 2010 capacity of 1,120MW and a project pipeline suggests of adding 5,000MW by 2020 if 43% of the planned projects are completed on time.
- **Other renewable technologies** show that some biomass in 2015 had capacity – 950MW compared to geothermal with 554MW – geothermal capacity is anticipated to increase in 2017-18 because of the GRMF.



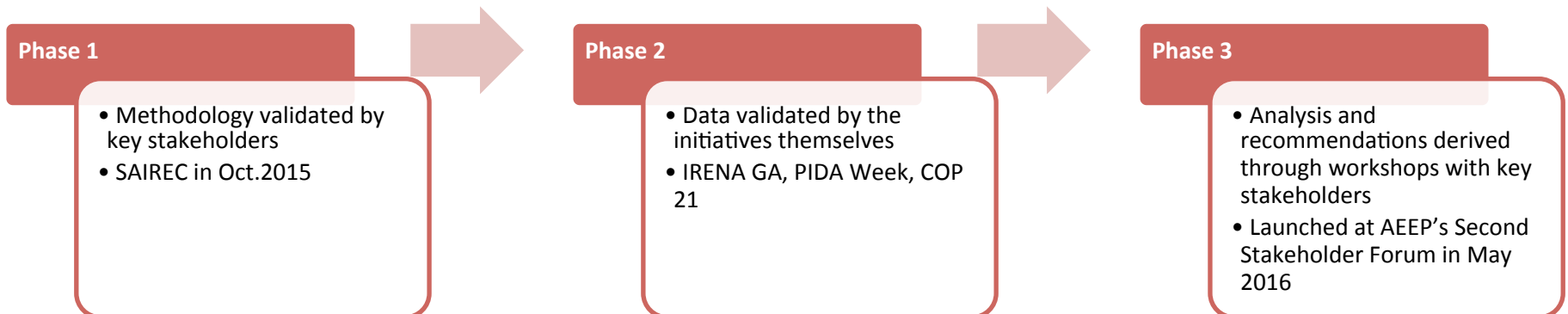


## Energy Access for the Rural Population

- The figures show that **rural populations** are being left behind by efforts to improve access to sustainable energy;
- African governments and the European Union recognize that **access to sustainable energy** is the basis of every modern economy, without which it is impossible to raise living standards or drive inclusive economic growth;
- European and other governments **increasing financing and technical assistance** to support off-grid schemes in Sub-Saharan Africa (SSA);
- Introduce **policy reforms** and unlock the finance to bring power to the people;
- A **coordinated approach** is desirable.

## Mapping of Energy Initiatives in Africa

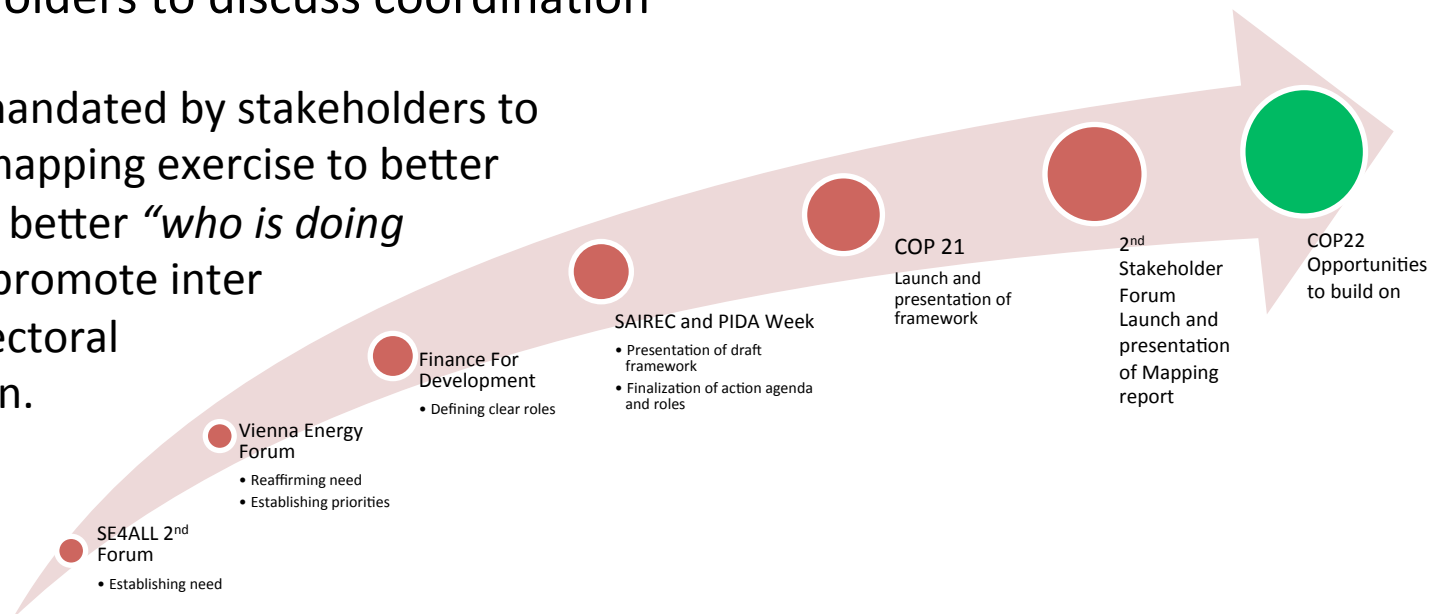
- **Objective:** present information about donor initiatives promoting sustainable energy in Africa in a systematic approach, allowing for better coordination and results
- “Lifting the fog” from the African Energy sector to reveal overlaps, potential synergies and gaps
- Key input to coordination efforts but also useful for the cooperation of practitioners and national governments
- Exercise undertaken through a phased consultative approach:





## Background of the Mapping Exercise

- Increased focus on the energy sector in Africa in the lead up to COP21, resulted in new initiatives coming from the environment sector.
- Investments priorities in energy sector increased catalysing multiple new international initiatives and donor programs
- AEEP conducted a “**Road to COP 21**” consultative discussion series with key stakeholders to discuss coordination
- AEEP was mandated by stakeholders to conduct a mapping exercise to better understand better “*who is doing what*” and promote inter and intra-sectoral coordination.

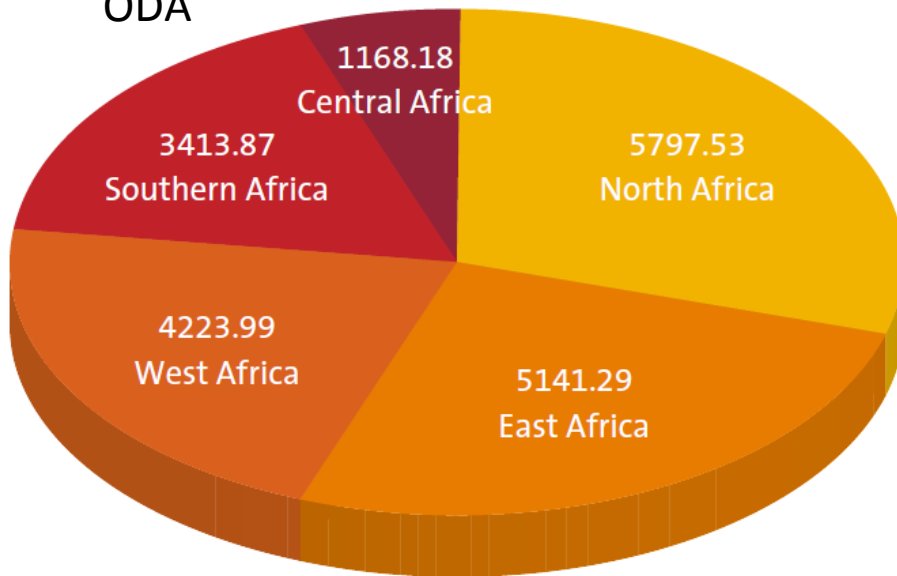




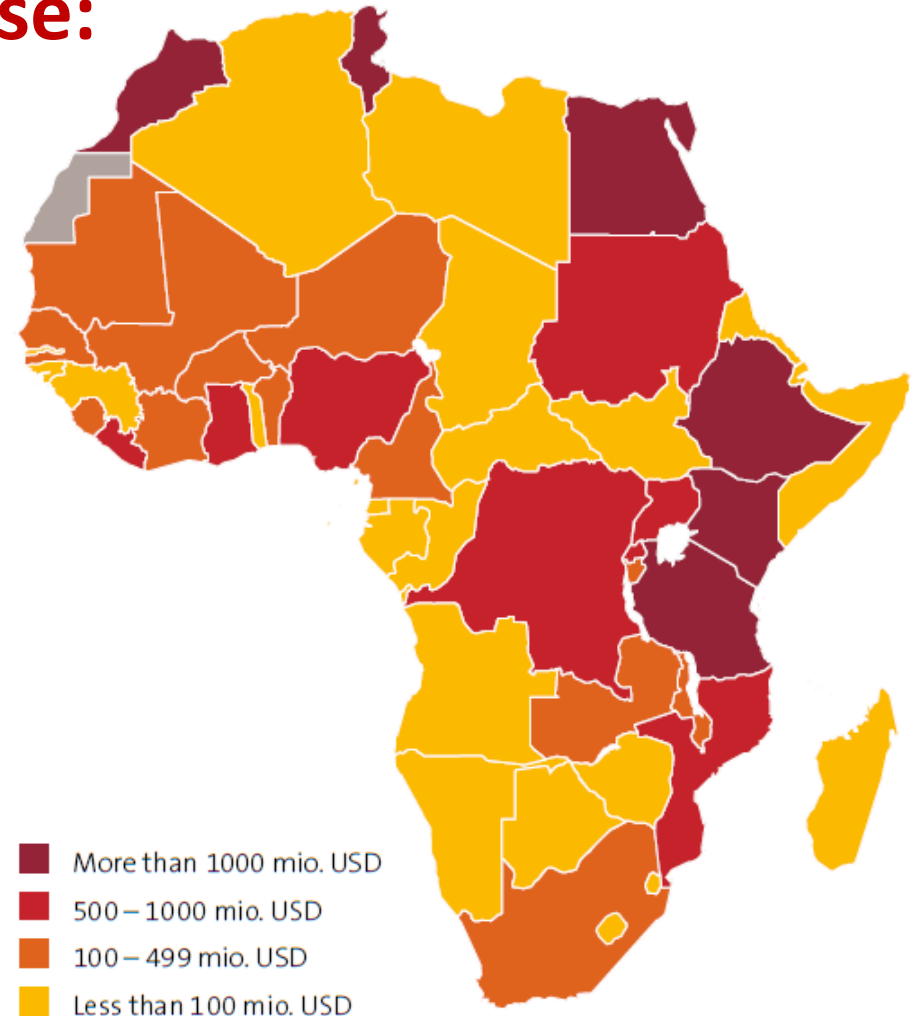
# Results of Mapping Exercise:

## 1. Geographic distribution of ODA

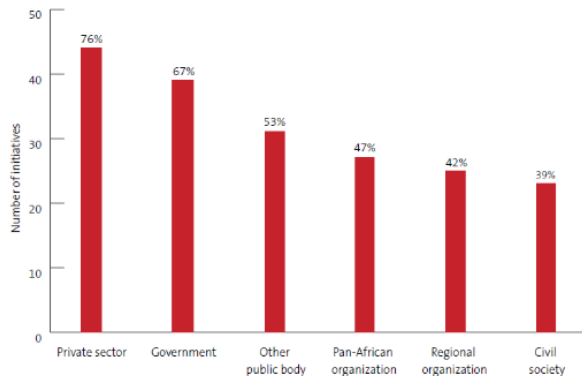
- More emphasis on several North and East African countries
- Central Africa receives least energy ODA



**ODA flows to the energy sector in Africa by region, 2009–2013 (in million USD)**

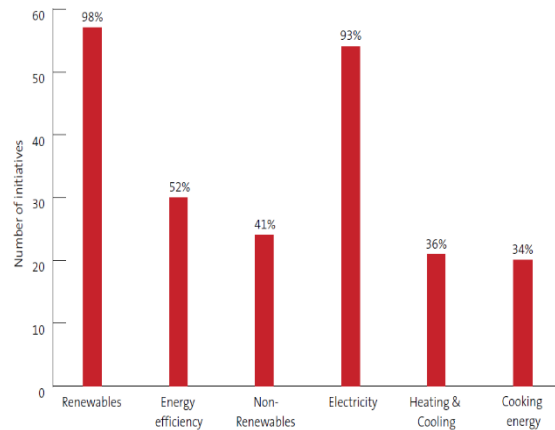


### African partners involved in selected initiatives and programs



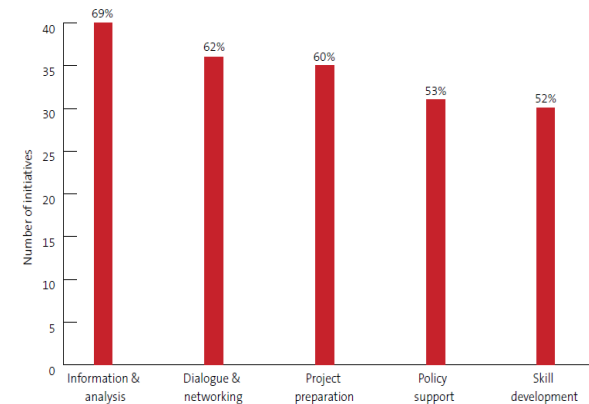
**Result 2: High level of private sector involvement versus relatively low level of civil society participation**

### Sectors covered by selected initiatives and programs



**Result 3: Scope for more programs on cooking energy**

### Types of technical assistance provided by the selected initiatives and programs



**Result 4: Skill development is the least common type of technical assistance**

## Next Steps for AEEP

- **Increase the coordination efforts** led by the AUC, AfDB and NEPAD to strengthen the synergies of different initiatives and sectors e.g. environment and energy
- **Strategic Positioning and alignment** to ensure relevance and value addition
  - **African Union Agenda 2063;**
  - **UN Agenda 2030 and SDGs (SDG7;** energy as a prerequisite for reaching other SDGs);
  - **COP21 Paris Agreement** (political attention on climate action; energy as the key sector to reach NDC goals);
  - **EU and Africa politics** (Migration and Refugee crisis);
- Ensure the Partnership **directly contributes** to and have a **continuous link** to EU and African initiatives (new and emerging) and instruments e.g. ElectriFi, PIDA, AREI, TAF, Covenant of Mayors (CoM), Pan-African instruments, etc.
- **Knowledge generation:** Facilitation of work streams as major think-tanks and thought-networking



# Coordinating and Aligning Initiatives to Meet the AEEP Targets







# Thank you for your attention!

Thank you

Merci

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Obrigado

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