



# African Energy Commission (AFREC) African Energy Information System & Database (AEIS)

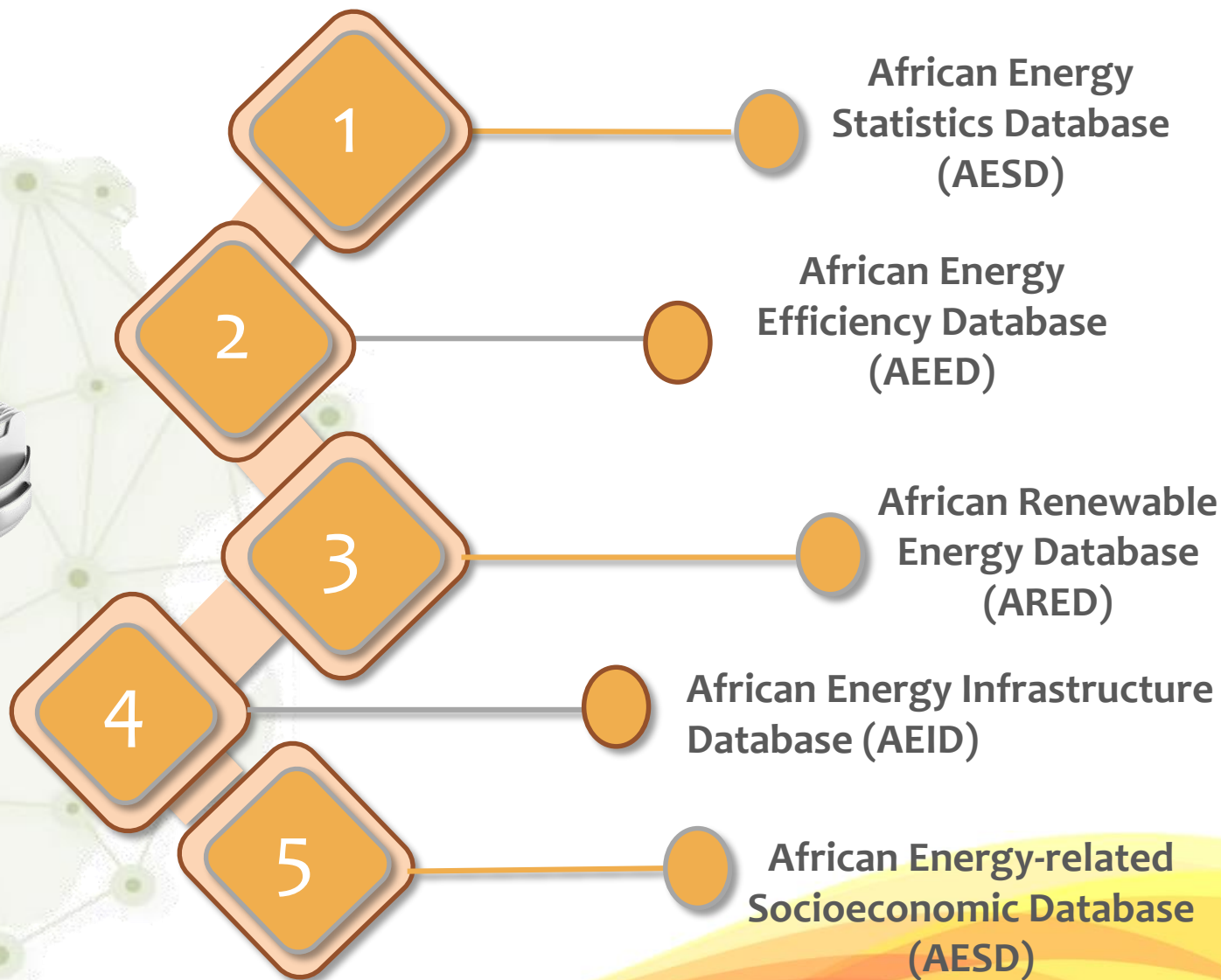
**Mr. Atef Marzouk**  
Interim Executive Director

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- » The African Energy Commission (AFREC) is an organ of the African Union Commission under the supervision of the Department of Infrastructure and Energy
- » **AFREC** was created in July 2001 in Lusaka by the African Presidents, and hosted by People's Democratic Republic of Algeria.
- » **AFREC** was officially launched in February 17th, 2008 in Algiers at the end of a conference of African Energy Ministers in charge of Energy.
- » **AFREC** is mandated by its convention to « Design, create and set up an energy continental database and facilitate rapid dissemination and exchange of information among Member States, as well as among the Regional Economic Communities (RECs).

II.

# African Energy Information System (AEIS)

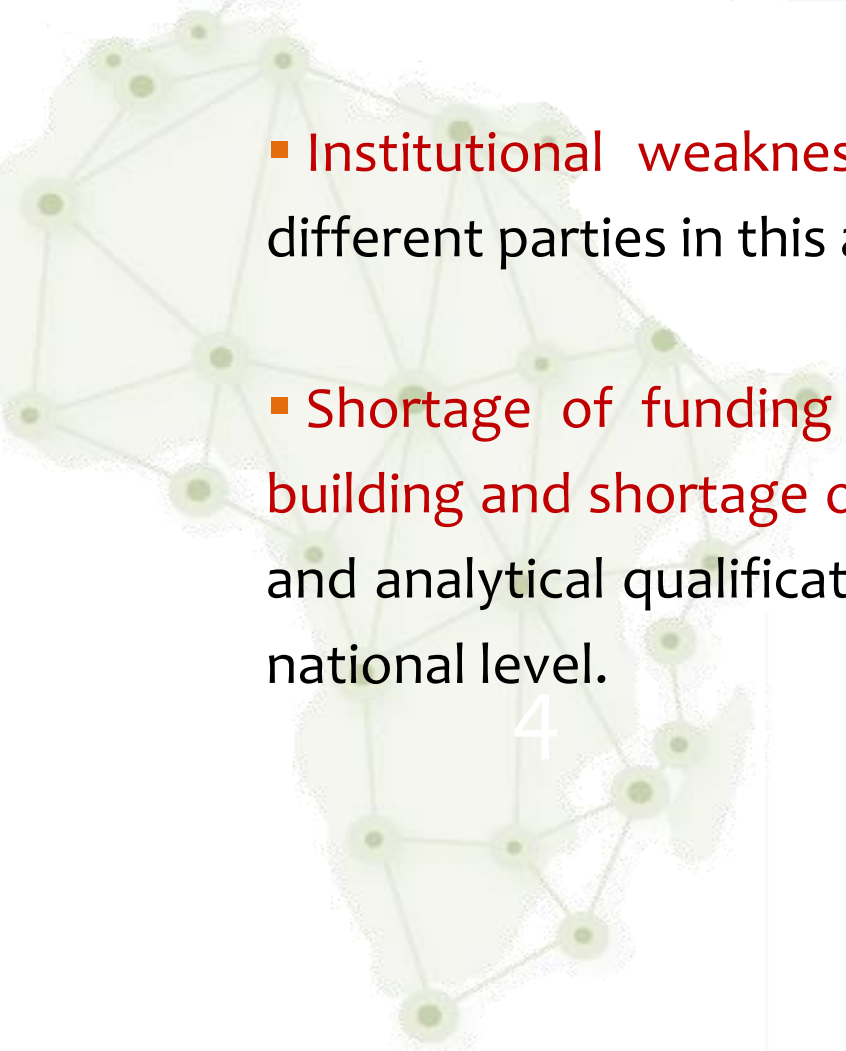




# Why an African Energy Information System (AEIS)?

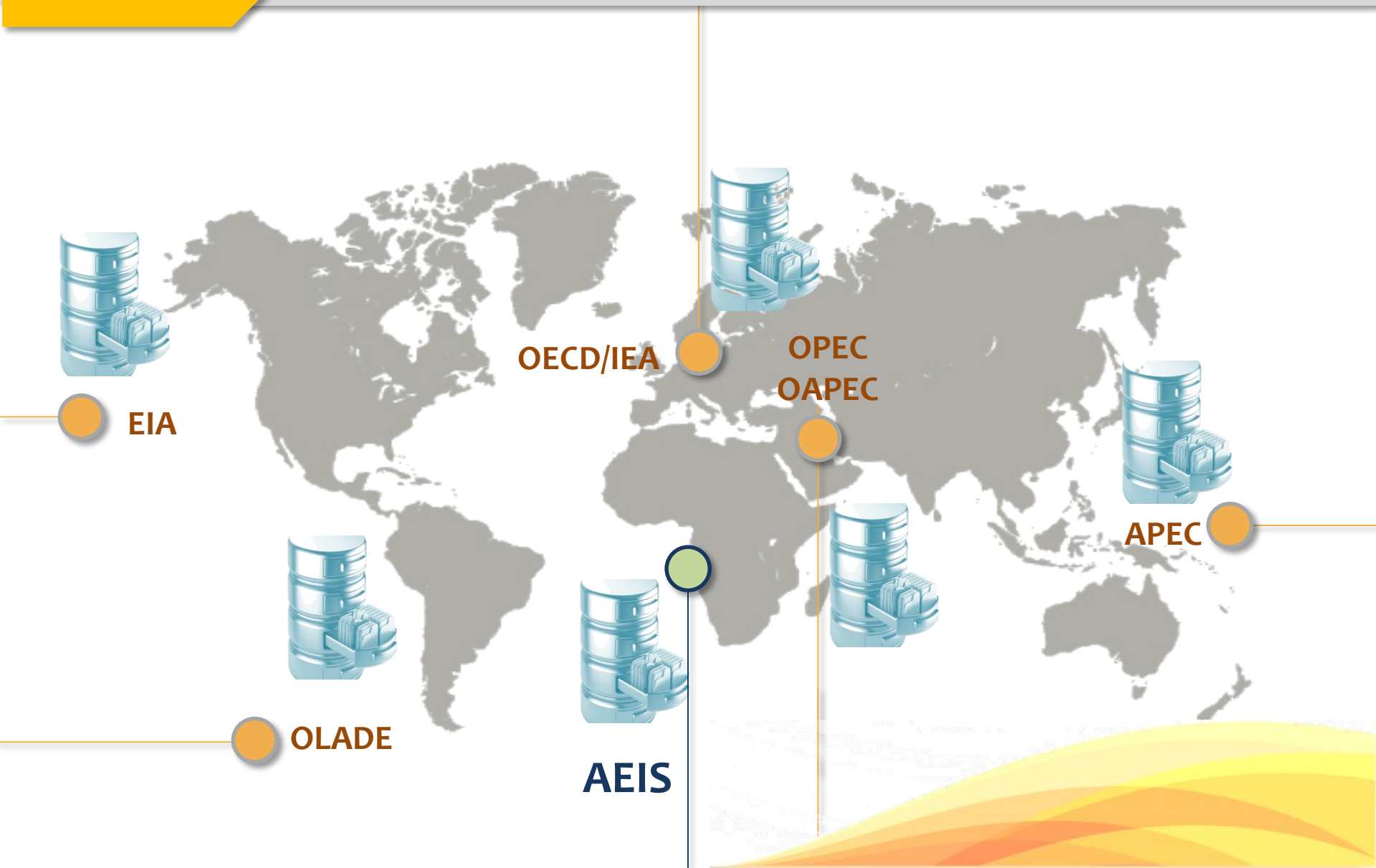
- **Reliable energy data and information is crucial** for setting energy policies and designing good strategies for investment and decision making;
- **The quality of energy databanks and information systems available in Africa is disappointing** and below the level of international standards;
- **Lack of professional database developers and providers**, poor interest, shortage of expertise and absence of perception about importance of energy databases;

# Why an African Energy Information System (AEIS)?

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- Institutional weaknesses and lack of coordination among different parties in this area;
  - Shortage of funding for a sustained training and capacity building and shortage of skilled people with relevant statistical and analytical qualifications to create and correlate the data at national level.

# IV.

## World Energy Information Systems and Databases



## Primary Sources:

- Member States
- African Specialized Institutions

## Secondary Sources:

- International Energy Database Providers (IEA, EIA, WB, UN, OPEC, IAEA, etc.)

## Specialized African Renewable Energy Institutions:

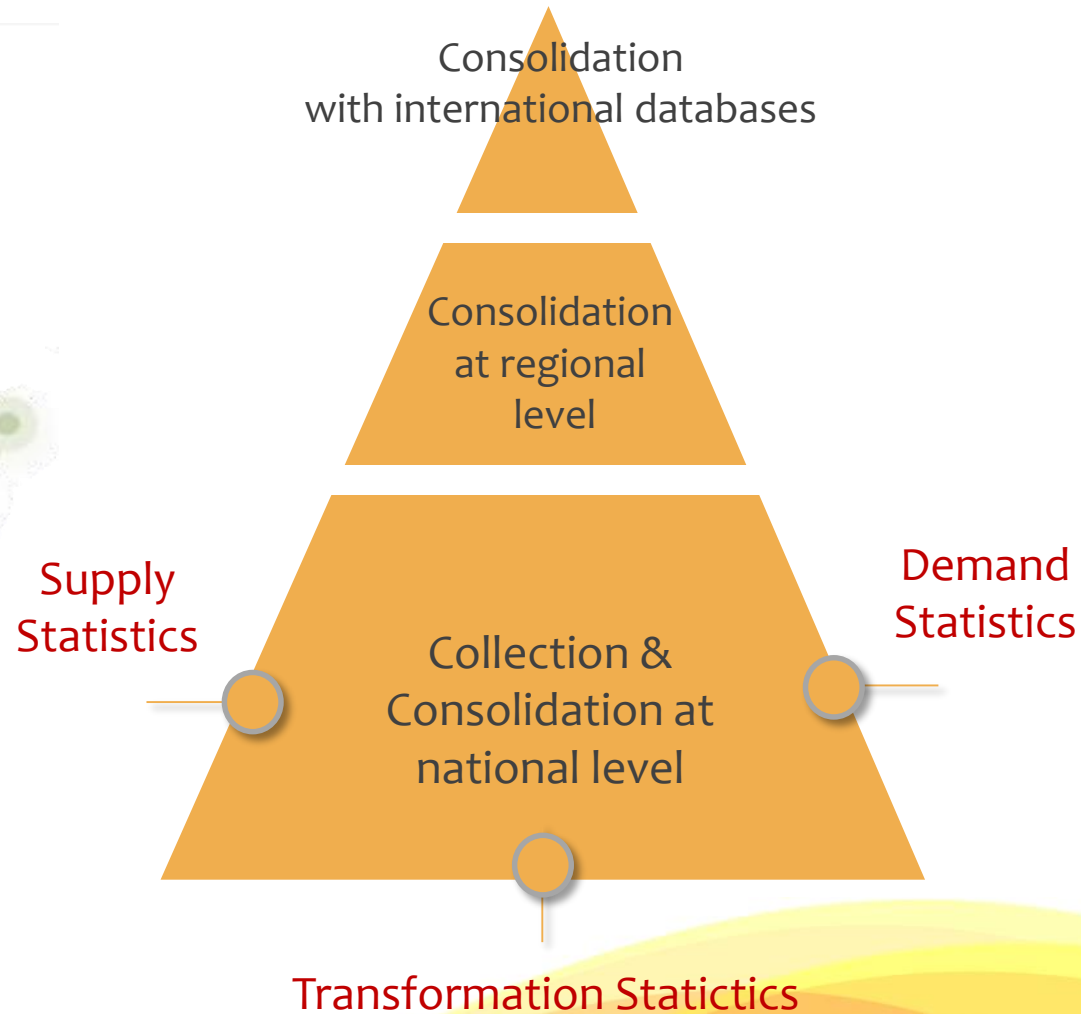
- Solar Energy: Member States
- Wind Resources: Member States
- Geothermal Energy: Member States (Kenya: GDC)
- Bio-Energy & Bio-Fuels: Member States
- Hydropower Resources: Member States



# VI.

## African Energy Statistics Database

- Strong Involvement of African Countries
- Solid Cooperation with other international Institutions
- Consolidation of the collected data and energy balances
- Recent strong focus on Energy Efficiency and Renewables data.





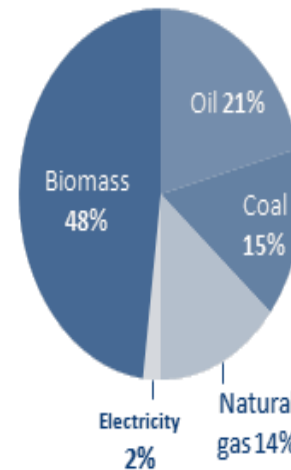
# VI.

## African Energy Statistics Database

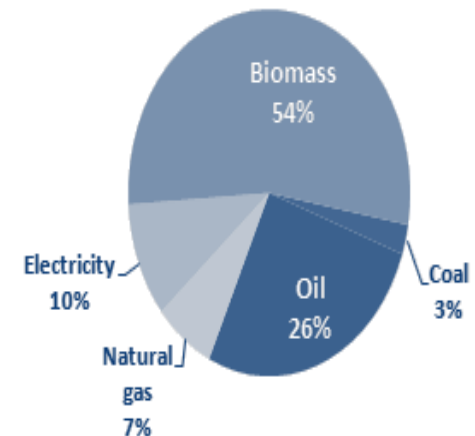
- AFREC collected Data serial of 1990 to 2014 and Built
- Africa Energy Statistics Databases (Version 2012 to 2016)
- Energy Balances of All African Countries

Energy Balance of Africa.

Africa Total Primary Energy Supply in 2014



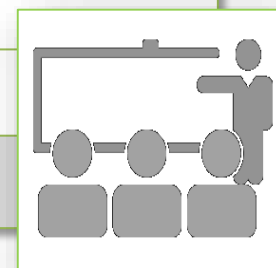
Africa Total Final Consumption in 2014



# VII.

## Summary of Total Trainees in Energy Statistics

N°	Training Location & Year	Number of Trainees
1	Total trainees in 2011	90
2	Total trainees in 2012	83
3	Total trainers of Trainees in 2012	29
4	Total trainees in 2013	72
5	Total trainers of Trainees in 2013	38
6	Invitees to other statistics-related workshops in 2014	46
7	In-house (country visit) Training 2013-14	3
8	Total trainees in 2015	70
9	Total trainees in 2016	18
	<b>Total</b>	<b>431</b>







Thank You

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