



Royal Academy for  
Overseas Sciences 

International Conference

## **Sustainable Energy for Africa**

October 23-25, 2017 — Palace of the Academies, Brussels

The subject conference will consist in four sessions dedicated to the following Topics:

- 1) *UN “Sustainable Energy for All” and 17 “Sustainable Development Goals”*  
More information on: UN “2030 Agenda for Sustainable Development”,  
UN SD Summit, 25/09/2015 - <http://www.un.org/sustainabledevelopment/>.
- 2) *Energy mix (pros and cons of every primary energy source) and external constraints*  
There are three sources of primary energy in the world: renewable; fossil; and fissile.  
In any energy mix policy, there are also three constraints: security (and diversity) of supply; social and economic development; and fighting against climate change.
- 3) *Towards robust, equitable and socially acceptable energy systems for Africa*  
Whatever primary energy sources and power grid systems are chosen – traditional power grid or future smart grid (or a mix of both) - the challenge for decision makers is to evaluate energy systems rigorously and with a consistent methodology.
- 4) *Research, innovation and education in support of sustainable energy policies*  
Very important in any country is to continuously improve *Research, Innovation and Education*, thereby enabling national experts to identify the energy challenges in a broader context and to come up with robust solutions adapted to local conditions.

These four Topics are proposed for plenary discussion with outstanding invited speakers with academic and industrial background from national and international organisations concerned. Political, social, economic as well as scientific and/or technological messages of common interest will be delivered. Successful achievements and future challenges will be identified.

The expected outcome of the RAOS-2017 international conference is to raise public and private awareness of the opportunities and challenges of sustainable energy development in Africa by bringing together a number of high-level experts who share similar concerns but have few opportunities to discuss solutions of common interest.

**Conference Organizer: Royal Academy for Overseas Sciences (RAOS)**

*Promoting Scientific Knowledge in Overseas Regions*

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