

CALL FOR PAPERS

International Conference

SUSTAINABLE ENERGY FOR AFRICA 2020



Cotonou, Benin, 2 - 5 November 2020



Académie Royale des
Sciences d'Outre-Mer 
Koninklijke Academie voor
Overzeese Wetenschappen



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The second edition of the international conference '**Sustainable Energy for Africa**' - SE4A 2020 - jointly organized by the Royal Academy for Overseas Sciences of Belgium (RAOS) and the National Academy of Sciences, Arts and Letters of Benin (ANSALB) will take place in Cotonou, Benin, from Monday 2 to Thursday 5 November 2020.

The aim of the conference is to bring together a large number of scientific, industrial and political experts from Africa and Europe, from the public and private sectors, to report on the latest developments and discuss joint actions in the energy - climate sector in Africa.

The following topics will be discussed during the first three days of the conference:

- Energy policies (including UN "Agenda 2030" and African Union "Agenda 2063"):
 - (1) Energy, associated with circular economy, is a primary driver for development;
 - (2) Energy that is secure, sustainable, competitive and affordable for all;
- Energy value chain (including conversion and end-use technologies):
 - (3) Towards an ideal energy mix, based on increasing levels of access to energy;
 - (4) The Resource Paradox in Africa - Power Generation Systems;
- Research, innovation & education in connection with the energy-intensive sectors:
 - (5) Explore the role of scientific resources and capacity building as a response to needs of emerging countries in the sectors of transport, residential, industry and services.

The fourth day will be devoted to seminars with the aim of transferring knowledge and skills in areas such as 1) Energy, climate and sustainable development in Africa, 2) Solar energy, 3) Modular energy production and cogeneration plants (heat - electricity), 4) Small hydropower plants, 5) Scientific resources and capacity building as a response to needs of emerging countries in the sectors of transport, residential, industry and services, 6) Financing mechanisms for the energy sector in Africa.

The expected outcome of this conference is:

- jointly design a response adapted to the energy-climate challenges specific to Africa, based in particular on research, innovation and education,
- focus on international cooperation in this area, in particular by exploring different funding mechanisms,
- provide an opportunity for African youth to participate in scientific debates and engage in actions in the energy-climate sector.

Keynotes will be presented in plenary session for 20 minutes, preferably in English. Sufficient time will be allocated for questions and answers with the audience. Poster authors will have the opportunity to present their work in plenary for three minutes in English or French. All conference documents (invited papers and posters) will be peer reviewed before being presented at the conference and then published in the proceedings.

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Participants are invited to submit abstracts for an oral or a poster presentation related to one of the above-mentioned themes.

Abstract submission

Abstracts (max. 250 words - 12 point font) + short biographical note should preferably be submitted in English. They can however also be submitted in French. Please use the template available on the website of the Royal Academy for Overseas Sciences (link below):

<http://www.kaowarsom.be/en/conferences>

Deadlines

Submission of abstracts: 30 April 2020

Notification: 31 May 2020

Registration: before 1 October 2020

Award for the Best Poster

During the conference, the posters will be evaluated in terms of scientific content, structure and formatting, text and visuals, oral delivery and response to questions.

Secretariat of the International Conference

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