

AFRICASOLAR 2015

2nd edition of the International Conference on Solar Energy in Africa
June 25th to 27th - Conferences Hall, Ouaga 2000
Ouagadougou, Burkina Faso

The African Solar
market, strengths
and weaknesses



In partnership with :

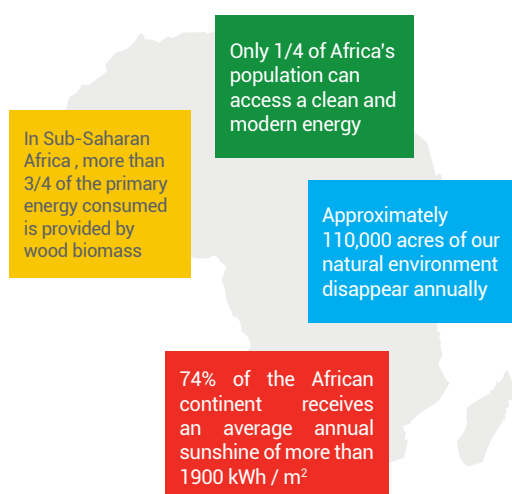


Context

The African continent owns important and diverse resources of energy but only a quarter $\frac{1}{4}$ of its population can access a clean and modern energy. In addition, the energetic balance sheet of African countries shows a neat dominance of biomass which represents more than 50% of the consumed primary energy. This situation is more exacerbated in Sub-Saharan Africa where more than $\frac{3}{4}$ of the primary energy consumed is provided by wood biomass.

Solar energy, which is one of the most important sources of energy in Africa, is barely exploited and the implementation of solar energy projects is thwarted by the high investment costs and the low level of development of the local market despite the fact that the cost of technologies is significantly decreasing on the international market.

Regarding this situation, it is important that the stakeholders involved as well as experts carried out some reflections for a sustained development of solar energy within Africa.



Objectives

The second edition of "AfricaSolar" conference is in the continuity of the first one held on 13th-15th December 2012 under the topic : «Solar Energy: Challenges, opportunities and constraints for Africa». The first edition has assessed the solar potential of Africa, the stakeholders involved, the funding mechanisms and policies put in place for the development of the solar industry within the continent.

The theme of the 2nd edition of Africa Solar is «**The solar market in Africa, strengths and weaknesses**» and it will outline the assessment of different solar technologies, the opportunities offered by each of them and also evaluate the solar market in Africa in order to identify its strengths and weaknesses.

In other words, this edition will provide appropriate answers to the following questions:

- > What are the main bottlenecks of the African solar market development despite the continent huge solar energy potential?
- > What are the opportunities and possible solutions that could help expanding the use of solar technologies (solar thermal and photovoltaic) within the continent?

Topics

I- Electricity and heat production in Africa: which suitable solar technology?

- > PV and CPV: current and future PV cells, progress of the global market
- > Thermal low temperature: improvement for which real applications?
- > CSP: mini grids versus macro- grids, how Africa could contribute?
- > Grid connected and off-grid PV systems

II- Solar energy and access to energy in rural areas

- > Issues of rural electrification in Africa
- > Solar thermal applications: drying, cooking etc.

III- Energy storage: which economic assets for Africa?

- > The electricity storage: technologies and limits regarding Africa
- > Thermal storage
 - Conventional storage materials : technologies and limits regarding Africa
 - Eco- materials for storage : Sustainability issues

IV- Solar energy and energy efficiency

- > Smart Hybrid Systems: comparative technico-economic optimization approach
- > Life cycle analysis of solar projects and stakeholders commitment for recycling: European experiences and lessons for Africa
- > Eco- habitat
- > Solar systems integration to African buildings

V- Role of politics, investors and private companies in the development of solar industry in Africa

- > Case study of Ghana and Cape Verde
- > Experience of South Africa
- > African banks and private investors for solar energy development
- > Private sector as driving force for solar energy development: what support from national, sub-regional and / or continental policy makers?

Roundtables thematic

- 1- Solar industry contribution in job creation
- 2- The role of education in solar energy development
- 3- How could solar energy contribute in reducing households and small enterprises electricity bills?

Side events

- 1- Launch of ANSOLE - Burkina (African Network of Solar Energy)
- 2- Launch of the solar professionals association of Burkina Faso
- 3- Visit of solar research facilities of 2iE (Kamboinse campus)

> Electricity companies

Issues of the large-scale PV integration on the distribution electrical grids

CALL FOR PAPERS

- > Abstracts submission: April 15th, 2015
- > Abstracts selection and response to authors: May 15th, 2015
- > Submission of papers / posters selected: May 31st, 2015

REGISTRATION - SUBSCRIPTION INFORMATION

I- CONFERENCE PARTICIPATION FEES (according to the area of residence)

These fees include documentation for the conference, breaks and lunch and the publication of your paper in the conference proceedings.

NB : A 30% reduction is granted to all students/PhD students.

> ECOWAS & ECCAS areas	100 Euros
> Other Africa zones/Asia/Latin America areas	200 Euros
> Others	400 Euros

II- SUBSCRIPTION PACKAGES

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	Formula 2 (free admission) GOLD	2 000 000 FCFA – 3 049 euros > Presence on the official banner > Free access for 03 people > A stand of 12 m ² > A customized presentation in the conference room (3 min)
	Formula 3 (free admission) SILVER	1 500 000 FCFA – 2 287 euros > Presence on the official banner > A stand of 12 m ² > Free access for 02 people
EXHIBITOR	free admission	300 000 FCFA – 458 euros > A stand of 9 m ² > Free access for 02 people
SIDE Events		300 000 FCFA – 458 euros One air-conditioned room of 50 places (for one hour)

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- Please, fill the bank forms by writing your full name followed by the mention "AfricaSolar 2014"

- Registration and participation fees payment entitle you to visa free of charges

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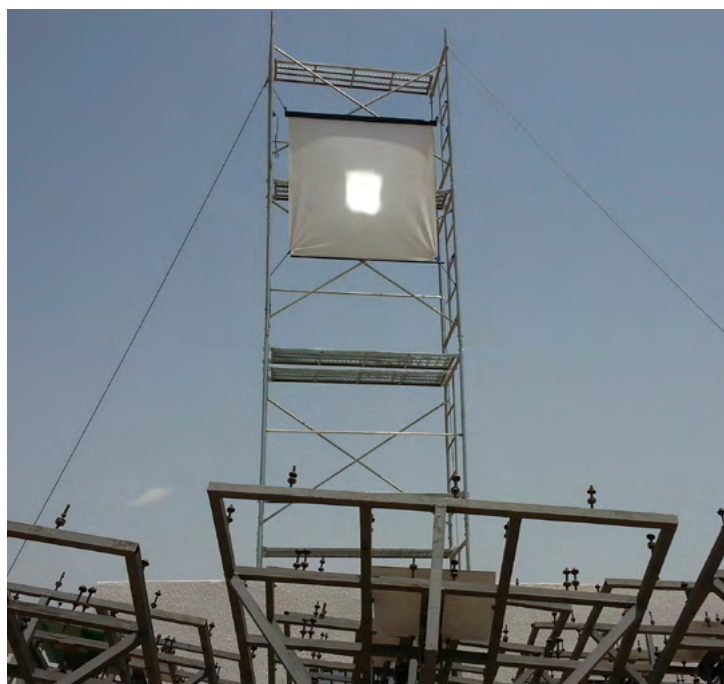
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