

Western Africa Workshop

ORGANIZED BY



Renewable energy and public-private financing mechanisms

AGENDA

February 15-16, 2017 | Dakar, Senegal | Room B01, Level 0, Palais des congrès Complex, King Fahd Palace Hotel

Sub-Saharan Africa possesses enormous potential for renewable energy development, including but not limited to: solar power, wind power, hydroelectric power, and biomass. A combination of stable public policies, the implementation of appropriate technologies, and innovative financing mechanisms can help make the energy transition a reality in this region of the world.

Since the signing of the Paris Agreement on climate change, several projects have started to emerge in this region. This is the ideal moment to reflect on the first lessons learned from these projects in order to accelerate the identification, development, and implementation of future renewable energy projects, particularly for solar power.

This workshop will focus on concrete examples of lessons learned and best practices that are likely to serve as references for future projects and initiatives. The workshop will also aim to increase knowledge of issues related to project financing.

The panelists have already identified the political context and technical and financial characteristics of the renewable energy

sector in the region, particularly in regards to solar power and energy efficiency. Before their arrival in Dakar, participants of this workshop are invited to identify opportunities for renewable energy, especially solar, in their respective regions in order to discuss the strategic implementation and viable financing of these projects with the presenters.

To this end, the R20, under a mandate from the Leonardo DiCaprio Foundation, will present its differentiated financing “ecosystem” and would appreciate the opportunity to submit a joint initiative to the Leonardo DiCaprio Foundation with the support of all workshop participants. Emphasis will be placed on innovative financing and project opportunities identified by participants will be a major part of the workshop’s debates and discussions.

Finally, the workshop is designed to be interactive. Questions and answers, as well as constructive exchanges, will be encouraged between panelists and participants.

The panelists at this workshop will be experts in the renewable energy sector, specialists in financing, infrastructure project implementation, installation and operation.

Participants at this workshop will be regional government authorities (such as representatives from the ministries of finance and energy), regulatory organizations, private-sector representatives, and academics.

A final report on the workshop (which will include a list of participants and the main conclusions and recommendations of the discussions) will be made available after the workshop for all participants.

FEBRUARY 15 – DAY 1**ACTION PLANS, PROJECT PORTFOLIOS, AND TECHNOLOGY**

08:00 – 08:30	ARRIVAL AND REGISTRATION
08:30 – 09:20	WELCOME ADDRESSES <ul style="list-style-type: none"> • <i>Martine Provost, Executive Director, Global Sustainable Electricity Partnership</i> • <i>Christophe Nuttall, Executive Director, R20</i> • <i>Mahama Kappiah, Executive Director, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)</i> • <i>Djiby Ndiaye, Director General, Agence Nationale pour les Énergies Renouvelables (ANER)</i>
09:20 – 09:30	Group photo
09:30 – 10:00	Presentation of the ECOWAS SE4ALL Action Agenda and the advancement of the West Africa Clean Energy Corridor Initiative - ECREEE
10:00 – 11:00	Panel 1 ACCELERATING THE GRID-CONNECTED RENEWABLE ENERGY MARKET IN WEST AFRICA THROUGH COMPETITIVE CALLS FOR TENDERS <p>More and more countries are promoting private investment in the field of renewable energy through competitive calls for tenders. The countries present at this workshop will share their experiences, their successes, as well as any challenges or obstacles they have faced in their implementation so far. The private sector will also contribute its point of view.</p> <p>MODERATOR</p> <ul style="list-style-type: none"> • <i>Christophe Nuttall, Executive Director, R20</i> <p>PANELISTS</p> <ul style="list-style-type: none"> • <i>Sidy Mohamed Coulibaly, Director, Studies Division, National Energy Directorate, Ministry of Energy, Mali</i> • <i>Anthony Osafo-Kissi, Director for Programs and Engineering, Bui Power Authority, Ghana</i> • <i>Abbas Aboulaye, Technical Director, Electricity Regulatory Authority, Togo</i> • <i>Abdou Fall, Administrator, Ten Merina and President of Conseil patronal des Énergies renouvelables du Sénégal</i>
11:00 – 11:30	COFFEE BREAK

11:30 – 12:20

Panel 2**FROM BILATERAL NEGOTIATIONS TO FEED-IN TARIFFS AND CALLS FOR TENDERS FOR GRID-CONNECTED ELECTRIC POWER PLANTS USING RENEWABLE ENERGY***MODERATOR*

- *Nicola Bugatti, Renewable Energy and Energy Efficiency Expert, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)*

PANELISTS

- *Yesufu Longe Alonge, Head, Power Procurement and Power Contracts, Nigerian Bulk Electricity Trading*
- *Seth Mahu, Deputy Director, Renewable Energy, Ministry of Power, Ghana*
- *Jasandra Nyker, CEO, BioTherm Energy*
- *Charlotte Aubin Kalaidjian, CEO, Greenwish*
- *Aziz Fall, Director, Promotion and Cooperation, Agence Nationale pour les Énergies Renouvelables (ANER)*

12:30 – 12:45

Advancement on the development of a toolbox for renewable energy tariff design in West Africa – ECREEE

12:45 – 14:00

LUNCH – LES JARDINS DE L’OCÉAN

14:00 – 15:15

Panel 3**THE TECHNOLOGIES OF THE ENERGY TRANSITION AND THEIR IMPLEMENTATION**

The choice of technologies is at the heart of the energy transition. Choosing the right technology depends on the availability of resources, existing infrastructure, and technical expertise to ensure that the electricity provided is reliable and affordable. Technologies such as solar photovoltaics, solar thermal, hybrid systems, connected or isolated grids, among others, will be discussed. Panelists and participants will discuss these issues and share best practices.

MODERATOR

- *Martine Provost, Executive Director, Global Sustainable Electricity Partnership*

PANELISTS

- *Simon Benmarraze, International Renewable Energy Agency (IRENA)*
- *Nicolas Crettenand, Director Africa, BG Consulting Engineers*
- *Mouhamet Abdoulaye Sall, Senelec*

15:15 – 15:45

COFFEE BREAK

15:45 – 17:00

Panel 4
ENERGY EFFICIENCY

The energy transition can be greatly sustained by energy efficiency. The right choices of technologies can improve the overall efficiency of electric systems, thus reducing the need for increased electricity production. During this panel, best practices and latest technologies will be showcased and discussed, with a special focus on efficient lighting systems and efficient grids.

MODERATOR

- *David Albertani, Programs Director, R20*

PANELISTS

- *Barbara Kreissler, Director, Philips Lighting*
- *Abderrahmane Zidane, Architect, Construction 21*
- *Magaye Ndiaye, Country Expert – Senegal, Sunref*

END OF DAY 1

19:30

DINNER

FEBRUARY 16 – DAY 2**STRUCTURING AND FINANCING OF RENEWABLE ENERGY PROJECTS**

09:00 – 09:05

INTRODUCTION FOR THE DAY*Martine Provost, Executive Director, Global Sustainable Electricity Partnership*

09:05 – 11:00

Panel 5**PROJECT STRUCTURING**

Structuring projects is a difficult art that requires knowledge of financial arrangements, efficient financing structures, and various legal and contractual structures (e.g. public-private partnerships, long-term purchasing contracts, procurement and construction contracts, carbon credits, funding from bilateral and multilateral development agencies etc.). The panelists will discuss these strategic elements that are a key to the long-term success of a project.

MODERATOR

- *Simon Benmarraze, International Renewable Energy Agency (IRENA)*

PANELISTS

- *Charlotte Aubin Kalaidjian, CEO, Greenwish*
- *Bruno Ménard, Expert, Energy Supply Contracts, Hydro-Québec*
- *Mohamed Youba Sokona, Renewable Energy Advisor, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)*
- *David Albertani, Programs Director, R20*

11:00 – 11:30

COFFEE BREAK

11:30 – 12:00

Panel 6**PROJECTS IN THE PIPELINE**

The floor will be opened to present projects that are currently in the pipeline. The 100 Climate Solutions Project Campaign, launched by R20 and the Leonardo DiCaprio Foundation, will be showcased.

MODERATOR

- *Agence Nationale pour les Énergies Renouvelables (ANER)*

PANELISTS

- *Christophe Nuttall, Executive Director, R20*
- *Charles Ifrah, Desertec Foundation*
- *Nicolas Crettenand, Director Africa, BG Consulting Engineers*

12:00 – 14:00

LUNCH – LES JARDINS DE L’OCÉAN

14:00 – 15:30

Panel 7**INNOVATIVE FINANCING AND FINANCING MECHANISMS**

Access to different forms of financing is a fundamental component of accelerating the energy transition. The panel will discuss different innovative financing mechanisms such as public-private partnerships, investment funds, etc. and will review successful case studies pertinent to West Africa.

MODERATOR

- *Abdou Fall, Administrator, Ten Merina and President of Conseil patronal des Énergies renouvelables du Sénégal*

PANELISTS

- *Mamadou Mbaye, Executive Director for Energy and Mines, FONSI*
- *Paolo Regano, General Manager, Solaria (Malicounda)*
- *Mouhamed Diop, Director, Project Management, Société Africaine des Biocarburants et des Énergies Renouvelables (SABER), Togo*
- *Mamadou Lamine Sylla, Manager, Strategic and Financial Studies, Caisse des Dépôts et Consignations*
- *Boubacar Mbodji, Special Advisor to the President of Senegal, Renewable Energies, Environment and Sustainable Development*

15:30 – 16:00

COFFEE BREAK

16:00 – 16:30

CONCLUSION AND ACTION PLANS

In light of the presentations and subsequent discussions, avenues for future work and development will be proposed to accelerate the necessary transition to a low-carbon economy which meets the energy needs of Western Africa.

- *Djiby Ndiaye, Director General, Agence Nationale pour les Énergies Renouvelables (ANER)*
- *Mahama Kappiah, Executive Director, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)*
- *Martine Provost, Executive Director, Global Sustainable Electricity Partnership*
- *Christophe Nuttall, Executive Director, R20*

END OF DIALOGUE

19:30

DINNER

FOR MORE INFORMATION, PLEASE CONTACT:**Mr. Nicola Bugatti**

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