Draft Concept Note and Agenda

ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum



Towards Sustainable Energy For All in West Africa

"Paving the Way through Renewable Energy and Energy Efficiency"

29 to 31 October 2012, Accra, Ghana The Accra International Conference Centre (AICC)

Jointly organized by:











Supported by:















This event will be followed by the

"First International Off-Grid Renewable Energy Conference" 01 to 02 November 2012, Accra, Ghana The Accra International Conference Centre (AICC) These events will be organized within the scope of the











ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum: "Towards Sustainable Energy For All in West Africa. Paving the Way through Renewable Energy and Energy Efficiency"

29 -31 October 2012, Accra, Ghana

The ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE), the Global Forum for Sustainable Energy (GSFE), and the United Nations Industrial Development Organization (UNIDO) are jointly organizing an ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum on "Paving the Way for Sustainable Energy for All in West Africa through Renewable Energy and Energy Efficiency" from the 29–31 October 2012, in Accra, Ghana. The event is hosted by the Government of Ghana. Under the established umbrella of the UN Sustainable Energy For All Initiative (SE4All), the ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum will bring together major players of the West African energy sector. It is envisaged to facilitate the establishment of a regional implementation framework for the SE4All Initiative in the ECOWAS region. This event will be followed by the "First International Off-Grid Renewable Energy Conference". The event will feature the participation of the ECOWAS Energy Ministers, Ministries of Environment as well as other international experts.

A. Background

The High Level Energy Forum takes place in the context of the Sustainable Energy for All (SE4ALL) Initiative, launched by the UN Secretary-General. The Secretary-General is urging all stakeholders, including at the highest level and in private and public sectors, academia and civil society to take concrete action and commitments towards three critical objectives – all to be achieved by 2030: (1) ensuring universal access to modern energy services; (2) doubling the share of renewable energy in the global energy mix, and (3) doubling the global rate of improvement in energy efficiency. At Rio+20, tangible commitments have been mobilized through the Secretary-General's High-level Group on Sustainable Energy for All (SE4All). Rio+20 concluded with more than US\$500 billion mobilized with over 700 commitments made, most of them in sustainable energy. The Forum will discuss how these commitments can be transformed into a framework of concrete actions in the ECOWAS region.

The Forum takes place at the background of **encouraging developments in energy access, renewable energy and energy efficiency in the ECOWAS region**. As a policy response to the rising energy security concerns, continued lack of access to energy services and the need for climate change mitigation ECOWAS has taken a pioneering role in the promotion of sustainable energy technologies:

- In 2006 the ECOWAS/UEMOA White Paper on access to energy services for populations in rural and periurban areas, which foresees increased access to energy services and that at least 20% of new investments in electricity generation should originate from locally available renewable resources.
- The West African Power Pool (WAPP) and its revised Master Plan aims at the creation of a regional electricity market by 2020/25. The expansion of electric generation capacity derives primarily from large hydro resources and secondarily from natural gas.
- In 2010, the ECOWAS Energy Ministers with support of the Governments of Austria, Spain and technical assistance of the United Nations Industrial Development Organization (UNIDO) established the ECOWAS Regional Centre for Renewable Energy and Energy Efficiency (ECREEE), the first regional renewable energy promotion agency in Sub Sahara Africa.
- Pioneering countries such as Ghana, Cape Verde and Senegal have made considerable progress in formulating and implementing RE&EE policies, laws, standards and incentive schemes to attract investments. Other countries have launched similar processes.

Under the framework of SE4ALL, in 2011 the ECOWAS Commission launched two projects to **develop the Regional Renewable Energy Policy and the Regional Policy on Energy Efficiency**. The policies are a voluntary commitment of ECOWAS to the UN Sustainable Energy For All Initiative. Both policy processes are implemented by ECREEE with the support of the Africa-EU Renewable Energy Cooperation Programme (RECP) and the ACP-EU Energy Facility. The policies include minimum targets and scenarios for RE&EE and a broad range of measures, standards and incentives to be implemented at regional and national levels. It is envisaged that the ECOWAS Member States will prepare national action plans which will contribute to the achievement of the

regional policy targets. It is envisaged that the policy documents will be adopted by the ECOWAS Energy Ministers during the Forum.

The ECOWAS Renewable Energy Policy aims at the following objectives:

- The share of renewable energy (incl. large hydro) of the overall electricity mix of the ECOWAS region will increase to 35% in 2020 and 48% by 2030.
- The share of new renewable energy such as wind, solar, small scale hydro and bioelectricity (excl. large hydro) will increase to around 10% in 2020 and 19% by 2030. These targets translate to an additional 2.425 MW renewable electricity capacity by 2020 and 7.606 MW by 2030.
- To provide universal access to energy services it is envisaged that around 75% of the rural population will be served through grid extensions and around 25% by renewable energy powered by mini-grids and stand-alone hybrid systems by 2030.
- By 2020, the whole ECOWAS population will have access to improved cooking facilities either through improved stoves or fuel switching to other modern forms of energy such as LPG.
- The share of ethanol/biodiesel in transport fuels will increase to 5% in 2020 and 15% by 2030.
- By 2030, around 50% of all health centers, 25% of all hotels and agro-food industries with hot water requirements will be equipped with solar thermal systems.

The ECOWAS Energy Efficiency Policy aims at the following objectives

- by 2013, create the institutional basis for five priority regional initiatives, with the following concrete objectives:
 - lighting: phase out inefficient incandescent bulbs by 2020;
 - electricity distribution: reduce electricity distribution losses from the current level of 15 -40% to under 10% by 2020;
 - cooking: achieve universal access to safe, clean, affordable, efficient and sustainable cooking for the entire population of ECOWAS, by 2030;
 - standards and labels: establish an ECOWAS Technical Committee for Energy Efficiency Standards and Labelling, and adopt initial region-wide standards and labels for major energy equipment by end 2014;
 - o **finance**: create instruments for financing sustainable energy, including carbon finance, by the end of 2013;
- by 2015, begin implementation in each ECOWAS country at least one of the priority initiatives;
- by 2016, implement measures that free 2 000 MW of power generation capacity: the equivalent of creating forty virtual EE power plants, with a capacity of 50MW each, available to power development, serving new users and new needs;
- In the long term, more than double the annual improvement in energy efficiency, so as to attain levels comparable to those of world leaders such as China. This would mean that each year, the amount of energy needed to produce a certain amount of goods and services would decrease by about 4%¹.

Major public and private investments in energy infrastructure and capacities will be required to reach the set policy objectives by 2030. West African countries do not take full advantage of their RE&EE potentials due to various technical, financial, economic, legal, institutional, policy and capacity related barriers. In recent years, donors such as the European Union, the United Nations, the World Bank, the Global Environment Facility (GEF), and the African Development Bank (AfDB) are increasing their assistance programs in the area of sustainable energy:

- The GEF Strategic Programme for West Africa (SPWA) on Energy Access, which is coordinated by UNIDO in cooperation with ECREEE, supports renewable energy and energy efficiency projects in all ECOWAS countries with an overall volume of 245 million USD. Within the auspices of the SPWA, the ECOWAS Observatory for Renewable Energy and Energy Efficiency (ECOREX) was also developed. The web-based Observatory, which is managed by ECREEE, provides reliable and updated data for investors and project developers on RE&EE potentials, stakeholders, policies and projects.
- Since 2005 the **European Union** supported sustainable energy projects in peri-urban and rural areas in Sub Sahara Africa through the ACP-EU Energy Facility with around 400 million EUR. Moreover, the EU supports the implementation of sustainable energy policies through the EUEI Partnership Dialogue Facility (EUEI-PDF) and the Africa-EU Renewable Energy Cooperation Programme (RECP). Other important EU donor partners in the ECOWAS energy sector are Austria, France, Germany and Spain.

¹ In technical terms, this means a 4% annual rate of improvement in "energy intensity", expressed, for instance, as the ratio MTEP of primary energy/GDP.

- Norway has recently launched the International Energy+ Initiative and France the Paris-Nairobi
 Climate Initiative to support the implementation of the SE4ALL.
- **ECREEE** has launched the implementation of several promising policies, programs and initiatives such as the ECOWAS Renewable Energy Facility (EREF) for peri-urban and rural areas, the ECOWAS Small Hydro Power Program, the High Performance Distribution Electricity Initiative, the ECOWAS Energy Efficiency Lighting and Standards and Labelling Initiatives.
- The African Development Bank (AfDB) has recently launched the Sustainable Energy Fund for Africa (SEFA) which supports the development and execution of small and medium scale renewable energy projects.

B. Objectives and Results

The ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum aims at the following objectives and results:

- a. launch the UN Sustainable Energy For All Initiative (SE4All) in the ECOWAS region and establish an implementation framework of for the ECOWAS region;
- b. adopt the ECOWAS Renewable Energy Policy and its corresponding Action Plan by the ECOWAS Energy Ministers;
- c. adopt the ECOWAS Energy Efficiency Policy and its corresponding Action Plan by the ECOWAS Energy Ministers:
- d. adopt the ECOWAS Small Scale Hydro Power Program;
- e. report on the progress of the GEF-UNIDO Strategic Program for West Africa (SPWA) Energy Access and launch the ECOWAS Observatory for Renewable Energy and Energy Efficiency (ECOREX); and
- f. present the ECOWAS energy efficiency initiatives on standards and labelling, lighting, electricity distribution and efficient cooking.
- g. identify the way forward on the concrete implementation of the ECOWAS RE&EE policies' objectives at country and regional level.

C. Forum Products

- a. Conference Report in English, French and Portuguese
- b. SE4All Implementation Framework for the ECOWAS region
- c. ECOWAS RE&EE Policy Documents and Baseline Reports
- d. Different Project Documents
- e. Web-based ECOWAS Observatory for Renewable Energy and Energy Efficiency (ECOREX)
- f. Report on the GEF-UNIDO Strategic Program for West Africa (SPWA) Energy Access, and
- g. Background Papers

D. Organizing Partners

ECOWAS Regional Centre for Renewable Energy and Energy Efficiency (ECREEE): In order to improve access to modern, reliable and affordable energy services and accelerate the uptake of RE&EE technologies, the ECOWAS Council of Ministers created ECREEE, a unique regional renewable energy and energy efficiency promotion agency in Sub Sahara Africa. ECREEE started operations in 2010 with initial support of the Austrian and Spanish Governments and technical assistance of the United National Industrial Development Organization (UNIDO). The ECREEE Secretariat is based in Praia, Cape Verde, and maintains a network of National Focal Institutions (NFIs) in all ECOWAS countries. ECREEE aims at the establishment of regional renewable energy and energy efficiency markets by supporting various activities to mitigate existing barriers for the dissemination of these technologies. The ECREEE activities include policy development, capacity building, awareness raising, knowledge management as well as business and investment promotion. Further information is available at: www.ecreee.at

United Nations Industrial Development Organization (UNIDO): UNIDO is the United Nations' specialized agency with the mandate to promote industrial development in the world's developing and least developed nations. UNIDO is one of the leading agencies in the field of energy access, renewable energy and industrial energy efficiency. UNIDO's services include the execution of demonstration projects, policy support, and capacity-building in the form of local training, workshops and targeted publications. UNIDO has provided technical assistance for the establishment and operation of the Regional Centre for Small Hydropower, based in Abuja, Nigeria, and the ECOWAS Regional Centre for Renewable Energy and Energy Efficiency (ECREEE). UNIDO coordinates the energy component of the GEF Strategic Programme for West Africa (SPWA) – Energy Access. Further information is available at: www.unido.org

Global Forum on Sustainable Energy (GFSE): The GFSE was launched by Austria's Foreign Minister in cooperation with the Ministry of Environment in 1999. It stems from the outreach efforts of the World Energy Assessment, which was organized by the UN Development Programme, the UN Department of Economic and Social Affairs and the World Energy Council. The GFSE provides a neutral platform for multi-stakeholder dialogues aimed at facilitating decision making on energy policy issues in relevant fora. It also seeks to foster public-private partnerships. The forum is perceived as a follow-up to the GFSE-6 "Africa is energizing itself", held in Vienna, Austria, in 2006. Further information is available at: www.gfse.at

Global Environment Facility (GEF): The GEF unites 182 countries in partnership with international institutions, civil society organizations (CSOs), and the private sector to address global environmental issues while supporting national sustainable development initiatives. Today the GEF is the largest public funder of projects to improve the global environment. An independently operating financial organization, the GEF provides grants for projects related to biodiversity, climate change, international waters, land degradation, the ozone layer, and persistent organic pollutants. Since 1991, the GEF has achieved a strong track record with developing countries and countries with economies in transition, providing \$10.5 billion in grants and leveraging \$51 billion in co-financing for over 2,700 projects in over 165 countries. Further information is available at: www.thegef.org











Draft Agenda ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum

29 October 2012

ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum: "Towards Sustainable Energy For All in West Africa" Paving the Way through Renewable Energy and Energy Efficiency"

	Africa" Paving the Way through Renewable Energy and Energy Efficiency"
08:30	Registration of participants
	INTRODUCTION / WELCOME SESSION
09:00	Hon. Joe Oteng-Adjei, Minister for Energy of Ghana
	Kandeh Yumkella, Special Representative of the UN Secretary-General – Chair of UN Energy and
	Director General of UNIDO
	Irene Giner-Reichl, President of the Global Forum on Sustainable Energy (GFSE)
	André Laperrière, Deputy CEO of the Global Environment Facility
	M. Ebrima Njie, Commissioner for Infrastructure, ECOWAS
09:30	Introduction of the conference program and objectives
	Mahama Kappiah, Executive Director of ECREEE
	SESSION 1: INTRODUCTION TO THE SE4ALL INITIATIVE
	Chairperson: Irene Giner-Reichl, GFSE President
09:45	Presentation of the SE4ALL Initiative
	Kandeh Yumkella, Chair of UN Energy and Director General of UNIDO
10:00	Recommendations of the Global Energy Assessment for SE4ALL
	Thomas B. Johansson, Professor Emeritus, University of Lund, Sweden, and Co-Chair of GEA
10:15	Presentation of the 2012 Renewable Energy Global Status report
	Rana Adib, Policy Advisor, REN21
10:30	Overview of the U.S. contribution to the SE4ALL initiative
	Raffi Balian, US State Department
10:45	DANIDA assistance to the development of SE4ALL programmes for the first mover countries
	DANIDA
11:00	Energy policy tools to support ECOWAS countries in the preparation of RE action plans
	Mario Tot, Energy System Analyst, IAEA
11:15	Tea/coffee/cocoa break Press conference (ECOWAS, Ghana, GFSE, UNIDO)
	SESSION 2: ECOWAS VOLUNTARY COMMITMENTS TO THE SE4ALL
	Chairperson: Youba Sokona, ICPC
11:45	Presentation of the Draft ECOWAS Renewable Energy Policy and the Energy Efficiency Policy
	including Targets and Action Plan
	Armand Darkehoun, Director for Energy of Benin and Chairman of the experts group meeting
12:05	The ECOWAS Small-Scale Hydro Power Program
	Mahama Kappiah, Executive Director of ECREEE and Martin Lugmayr, ECREEE-UNIDO RE Expert
12:15	Presentation of the ECOWAS Bioenergy Strategy Framework
	Sekou Oumar Traore, Director of CNESOLER, Ministry of Mines, Energy and Water Resources, Mali
12:25	Cape Verde - The Road Ahead for 100% Renewable Energy
	Jose Brito, former Minister for Tourism, Industry and Energy, Team Leader of the Cape Verde 100%
42.05	Renewable Energy Programme.
12:35	Renewable Energy Development in Nigeria
12.45	Imamuddeen Talba, Senior Energy Adviser, Federal Ministry of Power, Nigeria Intervention: Hege Mari Norheim, Senior Vice President, Statoil, "The Use of Methanol for the
12:45	Provision of Clean Cooking Services"
	SESSION 3: WORKSHOPS ON THE ECOWAS SE4ALL INITIATIVES – PARALLEL SESSIONS
	SEE INDIVIDUAL PROGRAMMES ATTACHED
	Workshop on the FCOWAS FCOWAS Initiative on Safe
14:15	Initiative on Energy Efficient Sustainable and Affordable Workshop on the ECOWAS
	Lighting Cooking Energy Observatory for RE&EE
16:15	Tea/coffee/cocoa break
44.5	Workshop on the ECOWAS Workshop on the contribution of the
16:45	Worksnop on High Performance Initiative on Financing CIVII society and private sector to
	Distribution of Electricity Sustainable Energy reach the rural energy access targets
18:45	End of day 1

30 October 2012

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	PLENARY	SIDE EVENTS		
	INTRODUCTION / WELCOME SESSION	09:00 – 13:00 Meeting of		
09:00	Hon. Sherry Ayittey, Minister of Environment, Science and Technology of Ghana André Laperrière, Deputy CEO of the Global Environment Facility Kandeh Yumkella, Special Representative of the UN Secretary-General and Director General of UNIDO Introduction of the conference program and objectives of Day 2	the Technical Committee for EE S&L Closed session! Room 1		
	Mahama Kappiah, Executive Director of ECREEE	09:00-11:00		
SESSION 4: CONTRIBUTION OF THE GEF STRATEGIC PROGRAMME FOR WEST AFRICA (SPWA) TOWARDS SE4ALL Co-Chairs: André Laperrière, Deputy CEO, GEF and Kandeh Yumkella, Chairman of UN Energy				
09.30	GEF Support for Programmatic Approach in West Africa Franck Jesus, Senior Climate Change Specialist, Global Environment Facility (GEF)	Enterprise Development (AREEP) by UNEP Room 2		
09:45	Progress in the GEF Strategic Program for West Africa & lessons learned Pradeep Monga, Director, Energy and Climate Change Branch, UNIDO	11:00 -13:00 SIDE EVENT		
10:05	Presentations on the ECOWAS Observatory for Renewable Energy & Energy Efficiency Jafaru Abdulrahman, Obervatory project officer, ECREEE	A showcase of Renewable Energy and		
10:20	Tea/coffee/cocoa break	Energy Efficiency –		
10:40	Presentation the status of projects & lessons learned GEF Agencies (UNDP, IBRD, UNEP and UNIDO)	Made in Austria! Best practice and opportunities for cooperation Room 2		
11:40	Statements from Countries – GEF Focal Points & lessons learned Achievements and future expectations			
13:00	Lunch break			
SESSION 5: FROM POLICY TO ACTION: SE4ALL INITIATIVES Chairperson: Deepak Gupta, Former Secretary of Indian Ministry of New and Renewable Energy				
14:10	The Contribution of the European Union to achieve SE4ALL in the ECOWAS Region and presentation of the new call of the Energy Facility Nicolas Lambert, European Commission, DG Development Cooperation, Energy Unit			
14:25	Progress and Achievements of the African-EU Energy Partnership (AEEP) Philippe Niyongabo, Head of Energy Division, African Union Commission and Wolfgang Moser, Austrian Ministry for European and International Affairs			
14:40	The Africa-EU Renewable Energy Cooperation Programme (RECP) Philip Mann, EUEI-PDF			
14:55	The IRENA-ECREEE Capacity Building Initiative (ProsPER) Hugo Lucas, Director for Capacity building IRENA			
15:10	The energy+ Initiative Reidar Grevskott, Counsellor for Environment and Climate Affairs in West Africa, Norwa	ау		
15:25	Presentation of the International Gas Union (IGU) Torstein Indrebø, Secretary General of IGU			
15:40	Mapping Africa's renewable energy potential De Santi Giovanni, Director for Energy and Transport, European Commission, DG Joint Research Centre			
15:55	Tea/coffee/cocoa break			

	SESSION 6: FROM POLICY TO ACTION: SE4ALL INITIATIVES
	Chairperson: Martin Hiller, Director REEEP
16:20	The contribution of World Bank/ ESMAP to the SE4ALL Initiative
16:35	Venkata Ramana Putti, Senior Energy Specialist, Sustainable Energy Department, World Bank Africa clean energy finance initiative
10.55	Raffi Balian, US State Department
16:50	The Contribution of the AfDB to SE4ALL Initiative through the Sustainable Energy Fund for Africa Hella Cheikrouhou, Director, Energy and Climate Change Division, AfDB
17:05	The energy activities of the Austrian Development Cooperation in Sub Sahara Africa
	Robert Zeiner, Director of International Programs and Projects, Austrian Development Agency (ADA)
17:20	Spanish contribution to the Clean Energy Ministerial Initiative
	Marisa Olano, Director of International Department, Spanish Institute for Energy Diversification and Savings (IDAE)
17:35	Presentation of the ECOWAS Initiative for Industrial Energy Efficiency
	Pradeep Monga, Director, Energy and Climate Change Branch, UNIDO
	SESSION 7: FROM POLICY TO ACTION: ECOWAS SE4ALL INITIATIVES ON ENERGY EFFICIENCY
	Chairperson: Abeeku Brew-Hammond
17:50	Introduction: Mahama Kappiah, Executive Director of ECREEE
	Official Launch of the ECOWAS SE4ALL Initiatives on Energy Efficiency
	ECOWAS Initiative on Energy Efficiency Standards and Labeling
	ECOWAS Initiative on Energy Efficient Lighting
	ECOWAS Initiative on Achieving High Performance Distribution of Electricity
	ECOWAS Initiative on Safe, Sustainable and Affordable Cooking
	ECOWAS Initiative on Financing Sustainable Energy Output Description: Output De
10.50	By the Ministers of Energy of Nigeria, Senegal, Côte d'Ivoire, Burkina Faso and Sierra Leone
18:50	Wrap up and closing
	20:00 EVENING RECEPTION HOSTED BY UNIDO

20:00 EVENING RECEPTION HOSTED BY UNIDO VIDEO ON THE ECOWAS OBSERVATORY FOR RE AND EE

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	Africa" Paving the Way through Renewable Energy and Energy Efficiency"				
	ECOWAS ENERGY MINISTERS MEETING				
	Chairperson: Hon. Adama Toukara, Minister for Energy, Cote d'Ivoire				
09:00	Welcome address by Hon. Joe Oteng-Adjei, Minister for Energy of Ghana				
	Opening address by M. Ebrima NJIE, ECOWAS Commissioner for Infrastructure				
	Consideration of the adoption of the ECOWAS Policies on Renewable Energy, presented by Benin				
	Consideration of the adoption of the ECOWAS Policies on Energy Efficiency, presented by Benin				
	Consideration of the adoption of the ECOWAS Small Hydro Power Program, presented by Liberia				
	Consideration for the adoption of the ECOWAS Bioenergy Strategy Framework , presented by Mali				
12:00	Lunch Break PRESS CONFERENCE				
	SUSTAINABLE ENERGY FOR ALL - HIGH LEVEL PANEL DISCUSSION				
	Chairperson: Kandeh Yumkella, Special Representative of the UN Secretary-General,				
	Chair of UN ENERGY and DG of UNIDO				
	Opening Ceremony Presidential address by U.S. John Dramoni Mohama, President of the Penyelia of Chang				
13:30	Presidential address by HE John Dramani Mahama, President of the Republic of Ghana Message from the UN Secretary General on SE4ALL, delivered by Kandeh Yumkella, Special				
	Representative for the SE4ALL Initiative				
	Representative for the SE-FALL initiative				
	The ECOWAS Voluntary Commitment to the SE4All, HE Kadré Désiré Ouedraogo, ECOWAS President				
	EU initiatives in Africa, Andris Piebalgs, EU Commissioner for Development				
	South-South cooperation between India and ECOWAS towards the implementation of SE4All, Hon. Farooq Abdullah, Minister of New and Renewable Energy New Delhi India				
	The Austrian contribution to SE4ALL, Hon. Michael Spindelegger, Austrian Minister for European				
	and International Affairs				
	Spanish Initiatives in the West African Energy Sector, Hon. José Manuel García-Margallo y Marfil Foreign Minister of Spain				
	Tea/coffee/cocoa break				
	SUSTAINABLE ENERGY FOR ALL - HIGH LEVEL PANEL DISCUSSION				
	Chairperson: Irene Giner-Reichl, GFSE President				
	World Bank initiatives in Africa, Lucio Monari, Energy Sector Manager of Africa, World Bank				
	GEF support to Financing Sustainable Energy Access in West Africa, André Laperrière, Deputy CEO of the GEF				
	The Paris-Nairobi Initiative, Hon. Pascal Canfin, Minister in charge of Development Cooperation of France				
	Financing Energy Access and SE4ALL, Hella Cheikrouhou, Director, Energy and Climate Change Division, African Development Bank (AfDB)				
	RE in Africa to boost SE4ALL - Opening of the International Off-Grid Renewable Energy Conference, Frank Wouters, Deputy Director, General of IRENA				
	Closing by Kandeh Yumkella, special Representative of the UN Secretary-General and Chair of UN Energy				
17:00	INAUGURATION TOUR TO THE OFF-Grid Exhibition				
	40.00 EVENUNG RECEPTION				
	19:00 EVENING RECEPTION				

19:00 EVENING RECEPTION

HOSTED BY THE AFRICA-EU RENEWABLE ENERGY COOPERATION PROGRAMME (RECP)



ECOWAS Regional Centre for Renewable Energy and Energy Efficiency

Centre Régional pour les Energies Renouvelables et l'Efficacité Energétique de la CEDEAO

Centro Regional para Energias Renováveis e Eficiência Energética da CEDEAO

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<u>partnerships</u>:









