



## EXHIBITION AND CONFERENCE

Venue: Accra International Conference Centre

Date: 9 – 11 October 2018

Theme: Renewable Energy – Exploiting Energy Resources at the District Level

### Tentative Agenda

#### Day 1 – Tuesday 9<sup>th</sup> October, 2018

**Registration** **0800 - 0900**

**OPENING SESSION** **0930 - 1130**

Cultural Troupe Performance

National Anthem

Welcome Address by *Prof. George Panyin Hagan, Board Chairman, Energy Commission*

Statement by *Lead Sponsor, CEO, Wilkins Engineering Limited*

Statement by *Lead Sponsor, CEO, NEDCO*

Statement by *Strategic Partner, Dr. Stefan Oswald, Director for Sub-Saharan Africa, German Federal Ministry of Development and Economic Cooperation (BMZ)*

Statement by *Hon. John Peter Amewu, Minister of Energy*

Statement by *Guest of Honour, Dr. Akinwumi Adesina, President of AfDB on: "Funding Renewable Energy and Energy Efficiency Investments in Africa, the Role of the Bank"*

Key Note Address by *Special Guest of Honour, H.E. Dr. Mahamudu Bawumia, Vice President of Ghana*

Official Opening of the 4<sup>th</sup> Ghana Renewable Energy Fair (cutting of ribbon and guided tour of the Fair by H.E. Dr. Mahamudu Bawumia, Vice President of Ghana)

**Short Interlude (Video/Cultural Troupe) (10 min)**

**MC: Jerry Adjorlolo**

**TECHNICAL SESSION I: Bioenergy – Wood Fuel Regulations**

The Energy Commission has developed draft Regulations for the entire value chain of the woodfuel industry, covering production, transportation, distribution, marketing and export of woodfuel. The draft woodfuel regulations will be submitted to Parliament to be passed as a Legislative Instrument to formalise the sector in Ghana. This session would therefore form part of the on-going stakeholder engagement to solicit for inputs into the draft Regulations with the aim of ensuring stakeholder ownership of the Regulations to achieve sustainable management and utilisation of woodfuel in Ghana. Experts from the woodfuel sector will also share their views and expertise on the way forward for regulating the industry.

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| 1320 – 1335 | Video Documentary on Woodlots/charcoal kilns/Charcoal Trucks/Charcoal Spills/Bagged Charcoal  |
| 1335 – 1350 | Opening Statement by <i>Hon. Hajia Alima Mahama, Minister for Local Government and Rural Development</i>  |
| 1350 – 1405 | Sustainable Feedstock Supply for Woodfuel Production – <i>presented by Peter Edem Zomelo, Manager, Timber Industry Development Division, Forestry Commission</i>                                      |
| 1405 – 1425 | Highlights of Draft Regulation on woodfuel – <i>presented by John Yeboah, Principal Program Officer, Energy Commission</i>  |
| 1425 – 1440 | Experience Sharing by <i>Esther Wangombe, Senior Deputy Director, Renewable Energy, Ministry of Energy, Kenya</i>   |
| 1440 – 1455 | Experience Sharing by <i>Abdoulazize Saidou Abdou, Head of Biomass-Energy Division, Department of Domestic Energy Promotion, Ministry of Energy, Niger</i>  |
| 1455 – 1630 | Panel and Facilitated Discussions <ul style="list-style-type: none"> <li>❖ <i>Dawuda Mohammed, Charcoal Producer, Kintampo</i></li> <li>❖ <i>Nana Yaw Konadu, Charcoal Exporter, Accra</i></li> </ul> |

**Facilitator:** Rashid Ali Abdallah, African Union Commission

## Day 2 – Wednesday 10<sup>th</sup> October, 2018

Registration

0800 - 0930

### **TECHNICAL SESSION II: Who is best placed to lead the Renewable Energy push for delivering universal access to electricity – The state or the private sector? (A debate)**

In the quest to achieve universal access to electricity in Ghana ( $\geq 90\%$  access rate), the Government of Ghana has made renewable-based energy mini-grids an integral part of the National Electrification Scheme (NES). This is in recognition of the ability of RE based mini-grids to serve remote communities that the grid cannot reach economically.

The Government has opted for a public sector led model where capital investment is made by the State and the operation and maintenance of the assets carried out by the State-owned utilities. However, whilst it is accepted that the state has successfully championed electricity access in Ghana, there are strong arguments from the private sector that when it comes to the renewable energy space, it is best led by the private sector. The private sector additionally views the public sector led policy decision as one that does not allow the private sector to effectively participate in the mini-grid sector.

This session will therefore take the form of a debate between proponents of the private sector led and the public sector led approaches, with each proponent providing evidence through inviting expert witnesses to buttress their perspectives. The audience will have an opportunity to throw questions at the proponents, and at the end of the session will deliver their verdict as to which side provided the most convincing arguments in support of their position.

0930 – 0945	Opening Statement by <i>Hon. William Owuraku Aidoo, Deputy Minister, Ministry of Energy</i>
0945 – 1000	Mini-grid Regulations – <i>presented by Frederick Ken. Appiah, Chief Program Officer, Energy Commission</i>
1000 – 1100	Proponents present their case  Public Sector Led Approach <ul style="list-style-type: none"><li>❖ <i>Lead Advocate: Ing. A. T. Barfour, Coordinator, Ghana Energy Development and Access Project, Ministry of Energy</i></li><li>❖ <i>Expert Witness: Ing Frank Dadzie, Planning Engineer, Ghana Energy Development and Access Project, Ministry of Energy</i></li></ul>

### Private Sector Led Approach

- ❖ *Lead Advocate: Agyenim Boateng, Secretary, Association of Ghana Solar Industries*
- ❖ *Expert Witness: Nicole Poindexter, Managing Director, Blackstar Energy*

1100 – 1120 Questions from Experts

#### Government

- ❖ *Wisdom Ahiataku-Togobo, Director Renewable and Nuclear Energy, Ministry of Energy*

#### Non-Governmental Organisation

- ❖ *Ishmael Edjekumhene, Executive Director KITE*

#### Development Partners

- ❖ *Mark Newton, Energy and Natural Resources Management Team Leader, USAID*

1120 – 1210 Questions/Inputs from Audience

**Debate Moderator:** Dr Elsie Effah Kaufmann, Biomedical Engineering Dept. University of Ghana

**Break**

**1210 – 1330**

**TECHNICAL SESSION III: Job Creation under Renewable Energy (Issues on Cookstoves/Solar drying/Biogas/Rooftop)**

**1330 – 1600**

This session will bring together, government, private sector and NGO's in the renewable energy space to discuss the various job opportunities and capacity building gaps in the renewable energy sector. Issues relating to the development of Ghana's educational system in the areas of renewable energy and sustainable exploitation of energy will also be discussed.

1330 – 1345 Demonstration – Creating a Solar Oven using a Recycled Pizza Box by  
*pupils of Abibifahodie Adesuabea*

1345 – 1530 Presentations by various sector players on Job Creation Opportunities  
in the Renewable Energy Space:

- ❖ *Daniel Osei Bonsu, Vice President, Biogas Association of Ghana*
- ❖ *Mohammed Lukumanu Aminu, Chief Executive Officer, Ghana Alliance for Clean Cookstoves*
- ❖ *Eric Owusu, President, Association of Ghana Solar Installers*
- ❖ *Daniel Azu, Managing Director, Utility Scale Energy Provider (Meinergy)*
- ❖ *Finn Tvede Jacobsen, Chief Executive Officer, African Plantations for Sustainable Development*

Panel Members:

- ❖ *Agya Yaw Nsiah, Director Research and Planning, Youth Employment Agency*
- ❖ *Anyars Ibrahim, National Coordinator, The Nation Builders Corps*

Reactions From

- ❖ *Michael Akurang Opoku, Senior Industrial Promotion Officer, Ministry of Trade and Industry*
- ❖ *John Kumah, Chief Executive Officer, National Entrepreneurship Innovation Plan*

1530 – 1615 Questions and Answers

**Facilitator:** Philomena Dsane Ag. Director Planning Policy Monitoring and Evaluation,  
NBSSI

**Day 3 – Thursday 11<sup>th</sup> October, 2018**

**Registration**

**0800 - 0930**

**TECHNICAL SESSION IV: The Emergence of Green Buildings and the Contribution of Renewable Energy and Energy Efficiency**

**0930 - 1200**

As Ghana's population and economy continues to grow, there will be sustained demand for residential and commercial buildings. While green buildings constitute a small portion of new and existing buildings, it is expected that their numbers will increase in the coming years as we promote healthy and sustainable built environments. Through proper design, energy efficient features and integration of renewable energy technologies a lot more buildings could be made green.

This session will therefore focus on green building and discuss the roles that energy efficiency and renewable energy play in making buildings green. This session will also give insights into an existing green building in Ghana and EDGE software for determining cost-effective efficiency measures for green buildings.

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| 0930 – 0940 | Connecting the Dots in Utility Scale Pricing for Solar PV in developing countries – <i>presented by Maxmillian Kwarteng, Energy Manager</i>   |
| 0940 – 0950 | Towards Energy Efficiency in Ghana's Higher Educational Institutions for Sustainable Development – <i>presented by Edward Kweku Nunoo, Institute for Oil and Gas Studies, University of Cape Coast,</i>   |
| 0950 – 1000 | Off-Grid Renewable Energy Regulation in Ghana – <i>presented by Dr. Francisca Kusi-Appiah, Law Faculty, University of Professional Studies</i>  |
| 1000 – 1010 | Renewable Energy Adoption For Net Zero Energy Concept For Senior High Schools In Ghana: Case Study Of Accra Academy – <i>presented by Sampson Amany-Zickson, Senior Energy Engineer and Charles Nii-Baah Amoo, Energy Auditor, Zanet Energy Solutions</i> |
| 1010 – 1030 | Renewable Energy and Energy Efficiency in the building code – <i>presented by Foster Osa-Akonnor, Chief Executive Officer, Ghana Green Building Council</i>   |
| 1030 – 1050 | Edge Software for assessing green buildings – <i>presented by Dennis Papa Odenyi Quansah, Ghana Green Building Program Lead, International Finance Corporation</i>  |

- 1050 – 1110 Developing a green building, the case of Mother and Baby Unit at Komfo Anokye Teaching Hospital – *presented by Eric Gene, Chief Executive Officer, Africa Building Partners*
- 1115 – 1215 Facilitated Discussions
- Facilitator:** Kofi Essel Appiah, Chief Executive Officer, PREDIOS Ghana
- 1215 – 1245 **Closing Ceremony**