



## EXHIBITION AND CONFERENCE

Venue: Accra International Conference Centre

Date: 9 – 11 August 2015

Theme: Renewable Energy and Energy Efficiency – Accelerating Energy Security and Access

### Tentative Agenda

#### Day 1, Tuesday 9 May 2016

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

**OPENING SESSION** **0900 - 1030**

Cultural Troupe Performance

National Anthem

Welcome by *Michael Opam, Ag. Executive Secretary, Energy Commission (5 min)*

Remarks on the Relationship between Renewable Energy and Energy Efficiency by *Special Guest, Mahama Kappiah, Executive Director of ECOWAS Centre for Renewable Energy and Energy Efficiency (5 min) tbc*

Remarks on Renewable Energy, Energy Efficiency and Climate Change by *Special Guest, Fred McBagonluri, Executive Director, Ghana Climate Innovation Centre (5 min)*

Remarks by *Platinum Sponsor (5 min)*

Remarks by *Hon. Bernice Heloo (Ph.D), Deputy Minister of Environment, Science, Technology and Innovation (5mins) tbc*

Remarks by *Hon. Ekwow Spio-Garbrah, Minister of Trade and Industry (5 mins) tbc*

Key Note Address by *Hon. Seth Tekper, Supervising Minister of Power (20 min) tbc*

Official Opening of the 2<sup>nd</sup> Ghana Renewable Energy Fair by Supervising Minister of Power (cutting of ribbon and guided tour of the fair by Energy Commission)

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

**Facilitator: Jerry Adjololo, tbc**

**Break**

**1030 - 1100**

### **SETTING THE SCENE FOR TECHNICAL DISCUSSIONS**

Ghana's Renewable Energy Act 832 was passed in 2011. Almost five years down the line, what progress has been made in implementing the Act? This session would attempt to address interventions made by the Ministry of Power and the Energy Commission to operationalise the Act, successes chalked and challenges or gaps identified and how those challenges would be addressed. Opportunity would be given to representatives from the renewable energy sector to react to the presentation made.

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|-------------|--|
| 1110 – 1140 | Five Years of Implementing the Renewable Energy Act - Successes and Challenges - <i>presented by Wisdom Ahiataku-Togobo, Director of Renewable and Alternative Energy, Ministry of Power (tbc)</i> |
| 1140 – 1230 | Quick Reactions by EC, VRA, PURC, MOTI, ECG, MoF   |
| 1230 – 1240 | Comments by Participants (have reactions or interventions from Private Actors)   |
| 1240 – 1300 | Questions and Answers  |

**Facilitator: Jerry Adjololo, tbc**

**Break**

**1300 – 1430**

### **TECHNICAL SESSION 1: Rooftop Solar**

The session would also be used to discuss Energy Commission's flagship programme – National Rooftop Solar Programme. Opportunity would be given to business and residential users of solar rooftop to share their experiences and perspectives of solar rooftop installation. Information and registration desks would be available for people to ask questions about the National Rooftop Programme and apply to be part of the programme.

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|-------------|---|
| 1440 - 1455 | The National Rooftop Solar Programme - <i>presented by Frederick Ken Appiah, Programme Coordinator, Energy Commission</i> |
| 1455 – 1505 | Financing your Rooftop Solar Installation – <i>presented by United Merchant Bank, tbc</i>                                 |

1510 – 1520 Experience Sharing on Rooftop Solar for Business and Residential Applications  
– *presented by German Swiss International School and a Residential User, tbc*

1520 - 1600 Facilitated Discussions

**Facilitator: Seth Mahu, Ministry of Power**

## **Day 2 – Wednesday 10 August 2016**

**Registration**

**0800 - 0900**

### **TECHNICAL SESSION II: Energy Efficiency as a Tool for Development**

The National Energy Policy 2009 sets the premise for the promotion of energy efficiency and conservation. Since the enactment of the policy, a number of energy efficiency and conservation interventions have been implemented to date especially in the residential and commercial sectors. This session would attempt to discuss energy efficiency policy and regulations in place, implementation progress and challenges. Discussions would also be held on reducing energy consumption in homes and businesses. Participants would be given the opportunity to ask questions about the issues discussed and share their thoughts.

0900 – 0920 Promoting Energy Efficiency and Conservation: The Journey so far from Policy and Regulations to Implementation - *presented by Alfred Oforu Ahenkorah, Director of PPME, Ministry of Power, tbc*

0920 – 0935 Reducing Energy Consumption in your Home - *presented by Kofi Agyarko, Head of Energy Efficiency, Energy Commission*

0935 – 0950 Reducing Energy Consumption in Industry - *presented by AB Consultancy, tbc*

0950 – 1000 Quick Interventions by two Implementers from Industry and Residential Sector and Association of Ghana Industries

1000 – 1100 Facilitated Discussions

**Break**

**1110 – 1130**

### **PRESENTATION OF TECHNICAL PAPERS ON ENERGY EFFICIENCY**

1140 – 1210 10 minutes Paper Presentations

1210 – 1230 Comments and Questions on Presentations

**Facilitator: Nana Asare, Director, Energy Foundation, tbc**

**Break**

**1230 – 1350**

### **TECHNICAL SESSION III: Productive Uses of Renewable Energy**

Productive use of renewable energy could have high economic and environmental returns if well implemented. However, there is very low use of renewable energy interventions for economic benefits in Ghana due to the high capital cost of the intervention and low public awareness on the availability of the technology. Hence, productive use of renewable energy is one of the high impact opportunities identified for promotion under Ghana's Sustainable Energy for All (SE4ALL) Action Agenda. This session would be used to share information on a few renewable energy interventions being implemented to facilitate the implementation of the SE4ALL initiative in Ghana. Business models being used to promote or sustain these interventions would be shared for further discussion.

- 1400 – 1415 Government Interventions on Productive Uses of Renewable Energy - *presented by Paula Edze, SE4ALL National Coordinator, Energy Commission*
- 1415 – 1430 Renewable Energy Interventions for Agri-business: The Story of Tip-Top Farm – *presented by Hon. Kofi Ahiabor, Farmer, Keta, Beneficiary of GEDAP/World Bank*
- 1430 – 1440 Solar Powered Irrigations: Lessons Learned by a Beneficiary - *presented by a Farmer in Tamalgu, Beneficiary of UNDP Support to SE4ALL*
- 1440 – 1450 Adding Value to Agriculture Produce through Solar Drying: A Business Model that Works – *presented by Evans Peter Nsiah, Pens Foodbank, Ashanti Region*
- 1450 – 1500 Wind Water Pumping for Irrigation and Domestic Use – *presented by AESD/MOFA, tbc*
- 1500 – 1515 Quick Interventions from SE4ALL Related Programmes (Energising Development, and Renewable Energy Technology Transfer Project) and the Ghana Climate Innovation Centre
- 1520 – 1600 Facilitated Discussion
- 1610 – 1700 **Presentation of Technical Papers on Renewable Energy (5 papers, 10 mins each)**
- i. Spatial Planning Approach to Renewable Energy Generation and Distribution in Ghana - *presented by Charles Abugre, CEO, Savannah Accelerated Development Authority (SADA)*

**Facilitator: Ing. A.T. Barfour, tbc**

#### **Parallel Event**

**1400 – 1700**

#### **Innovations in Renewable Energy and Energy Efficiency**

To be organised by the Ghana Climate Innovation Centre. Innovative ideas would be presented by selected people and time would be created for presentation of technical papers.

**Day 3 – Thursday 11 August 2016****Registration****0800 - 0900****TECHNICAL SESSION IV: Improved Cookstoves and Alternative Fuels**

Biomass still contributes significantly to Ghana's energy needs. Over 70% of households rely on biomass as their primary source of heating and cooking energy. Several studies and reports have linked the unsustainable exploitation of biomass resources for cooking and heating to deforestation and forest degradation. Household air pollution from incomplete combustion of biomass has been linked to illnesses like pneumonia, chronic obstructive pulmonary disease, lung cancer, etc. The WHO reports that about 13,400 people die in Ghana annually from smoke related illnesses which could be linked to biomass use. What is being done to address the above mentioned situation? This session would be used to discuss bioenergy related policies, regulations and programmes being implemented by the Government, and initiatives by the private sector to promote sustainable use of biomass resources and reduce negative health impacts of biomass use. Opportunity would be given to participants to contribute to the discussion and ask questions for clarification.

- 0900 – 0920 Promoting Better Cooking Options: Supporting Policies, Regulations and Programmes – *presented by Gifty Delali Tettey, Deputy Director, Ministry of Power*
- 0920 – 1010 Short Presentations on Improved Cookstoves Products on the Market (Chrisaac Stove, Cookmate Coal Pot, Envirofit, Gyapa, Holy Cookstove, Kike Biogel Stove, Morrison Stove and Toyola) *(5 mins each)*
- 1010 – 1020 Short Presentations on Alternative Cooking Fuels to Charcoal and Firewood (Global Bamboo and Charcoal Briquette, and Abellon Eco-Pellet) *(5 mins each)*
- 1030 – 1100 Facilitated Discussions and Quick Intervention by a Representative of GHACCO

**Break****1105 - 1135**

**GHACCO to organise a cooking festival to exhibit improved cookstoves and fuels on the market and cooking applications – to be further discussed**

## **TECHNICAL SESSION V: Biogas Technology**

- 1150 – 1210      Biogas Technology: What Works for Ghana? - *presented by Wisdom Ahiataku-Togobo, Director of Renewable and Alternative Energy, Ministry of Power, tbc*
- 1210 – 1230      Experience Sharing on Investing in Biogas System for Sanitation and Cooking – *presented by Representative from Valley View University and a Holy Family Hospital with Biogas Installation (Nkawkaw), tbc*
- 1240 – 1400      Facilitated Discussions and Interventions from EPA, CSIR-IIR and a Biogas Expert

**Facilitator: Kwesi Sarpong, Global Alliance for Clean Cookstoves**

### **Parallel Event**

- 0800 – 1600      Field Trip to Peditorkope Renewable Energy Mini-Grid Installation (paid trip)**