

CONCEPT PAPER ON 2ND GHANA RENEWABLE ENERGY FAIR – 2016

BACKGROUND

The Renewable Energy (RE) Act (Act 832) was enacted in 2011 to provide for the utilisation, sustainability and adequate supply of renewable energy for electricity and heat generation and for related matters. The Feed-in-tariff, Renewable Energy Purchase Obligation and Open Access to the Grid are enshrined in the Act to stimulate massive investment in the renewable energy sector.

On the biomass front, the Act mandates the National Petroleum Authority to designate biofuel blend as a petroleum product, fix the price of the biofuel blend and determine the proportion of biofuel in the biofuel blend. The Energy Commission is also mandated to collaborate with relevant institutions to ensure the development and implementation of programmes to sustain woodfuel production and consumption.

On electricity generation, the Public Utilities Regulatory Commission has published the Feed-in-tariff rates for solar, wind, biomass, waste-to-energy and hydro technologies, which are guaranteed for ten years.

Various interventions have been implemented in the renewable energy sector. These include:

- installation of over 1,000 solar systems for schools, health facilities and other public institutions in rural areas under a Spanish Grant.
- implementation of a programme to replace about 200,000 kerosene lanterns in use in rural households with solar systems (solar lanterns).
- development of 20MW solar PV power plant by BXC
- installation of 2.5 MW VRA solar power plant at Navrongo and 315kW plant at the Noguchi Memorial Institute, Legon.
- installation of over 100kW grid-connected solar systems installed in individual buildings.
- Comprehensive wind data collection at 5 sites along the coast at 60m height.

These interventions have had some positive impact with respect to the development of renewables in the country. They include improved health conditions in the use of solar lanterns to replace kerosene lamps as well as the use of improved cookstoves, and enhanced knowledge in the use and application of solar PV systems, increased electricity generation from renewable

energy into the electricity mix, comprehensive wind data collected for development of the country's wind resource.

On energy for cooking, the cookstove sector is predominantly private sector led and requires capital and know-how in order to increase production and improve on the products. Currently the market for improved cookstoves is limited and will need expansion in order to produce in large quantities so as to reduce production cost. Publicity and massive awareness campaign will be required to expand the market. With the expanded market, the private sector will need massive injection of capital so as to meet the high projected demand.

WHY THE FAIR

The RE Act mandates the Commission among other things to (i) create a platform for collaboration between government and the private sector and civil society for the promotion of renewable energy sources, (ii) promote the benefits of renewable energy to facilitate its utilisation and (iii) facilitate investment in the renewable energy sector.

In view of the above role, the Energy Commission organised the 1st Ghana Renewable Energy Fair (Conference and Exhibition) from 3rd – 5th November, 2015 in partnership with West African Clean Energy and Environment (WACEE) at the Accra International Conference Centre.

Over 1,900 persons visited the 1st Ghana RE Fair with 33 companies exhibiting. Technologies exhibited included those for solar PV, biogas, biomass waste to energy, charcoal, biogel and improved cookstoves. More than 20 papers were presented by energy experts from Ghana and beyond on the theme "Renewable Energy Technologies for Sustainable Development". The experts were drawn from regulatory institutions, IPPs, financial institutions and academia.

Some 'Hot Topics' discussed at the Fair included:

1. Unlocking Ghana's Renewable Energy Potential – Policies and Implementation
 - a. On-going initiatives to accelerate sustainable uptake of renewable energy –Ag. Executive Secretary, Energy Commission;
 - b. Smartening Ghana's grid to accommodate intermittent renewable energy – Dir. Engineering, GRIDCO;
 - c. Renewable energy development in Ghana – Public sector perspective, DCE Engineering Operations, Volta River Authority;
 - d. Renewable energy development in Ghana-Private sector perspective – Board Chairman, BXC Company Ltd.
2. Financing Ghana's Renewable Energy Future
 - a. Investment opportunities in the renewable energy sector – Resident Dir., KFW
 - b. Tariff setting for renewables – Executive Secretary, PURC
 - c. Net metering and renewable energy purchase obligation – General Manager, Metering and Technical Services, ECG

The Ghana RE Fair's flagship programme dubbed "Investment Forum" was held on 4th November, 2015 which involved top executives from government institutions, private developers, financial institutions and development partners to explore investment and financing opportunities in large scale rooftop solar and regulatory instruments to attract private sector investment. This event which was by special invitation only was hugely oversubscribed with senior business executives attending.

2ND GHANA RENEWABLE ENERGY FAIR (CONFERENCE AND EXHIBITION)

GOAL

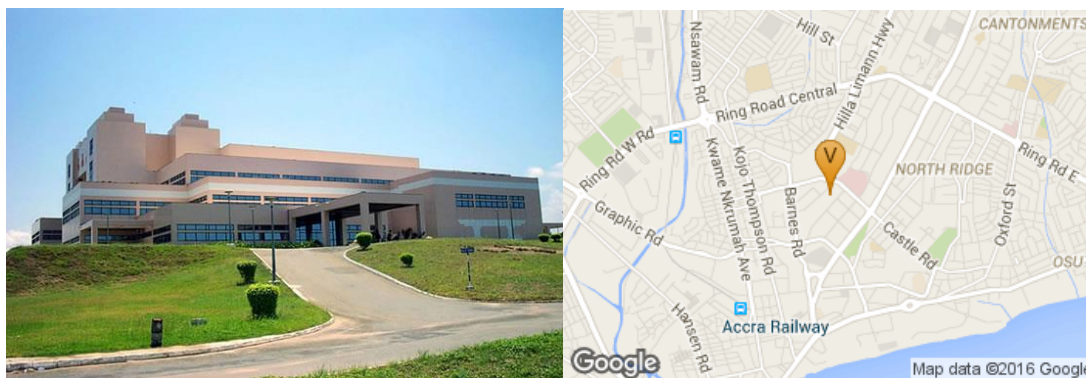
The goal of the fair is to create a common platform for dissemination of information on renewable energy and energy efficiency, enhance consultation between the private sector, donors and financiers, decision makers and consumers.

DATE:

The 2nd Ghana Renewable Energy Fair (Conference and Exhibition) – 2016 is scheduled for 9th – 11th August 2016.

VENUE:

The Fair will be held at the Accra International Conference Centre (AICC). The trade fair venue acts as a pivotal podium and boasts of first-class infrastructure, excellent facilities, state-of-the-art amenities and a wealth of space. Highly recognised by the Government of Ghana, it is an international platform for hosting eminent social events, large-scale conferences, seminars and business meetings.



EXHIBITION

The exhibition packages for the 2nd Ghana Renewable Energy Fair 2016 is presented below:

Exhibition Booths Sizes	Early Bird Price before 13 th May, 2016 GH¢	Regular Price GH¢
12m ²	8,000.00	9,000.00
9m ²	3,500.00	4,000.00
6m ²	1,800.00	2,200.00

The following will be provided for all our 12m², 9m² and 6m² Exhibition Booths sizes:

- 1 Table, 2 Chairs, 2 Spotlights, 1 Socket, Carpet
- Name of Company printed on the Booths
- Listing in the event brochure
- Listing in selected advertisement in dailies
- Lunch for 3 persons per exhibition booth for 3 days

Kindly note that other exhibition booth configurations are available upon request, and may attract additional fees.

It is advised that, due to limited available spaces and the over subscription of the 1st Ghana RE Fair, early bookings should be made to avoid disappointment.

CONFERENCE

The 2016 Renewable Energy Conference will run concurrently with the Exhibition over the 3 days. Participation at the conference is free for local participants and admittance will be on first come first serve basis. Foreign participants registering before 30th June, 2016 will be required to pay a registration fee of US\$ 300.00. Thereafter the registration fee will be US\$ 500.00. Online registration will be opened from 2nd May, 2016 and there will be registration during the days.

Opportunities exist for 15 minutes presentations on Renewable Energy Technologies and Energy Efficiency options to be made by both companies and individuals during the conference. Participants interested in making presentations should submit a synopsis of their proposed presentations by 13th May, 2016 for consideration. Topics should be related to the theme **“Renewable Energy and Energy Efficiency: Accelerating Energy Access and Security”** ranging:

- ✓ Renewable energy technologies for electricity, heat, fuel production;
- ✓ Energy efficiency technologies;
- ✓ Clean cooking solutions; and
- ✓ Policy, Regulations, Licensing, Standards and labelling.

ACCOMMODATION

For international exhibitors and participants, arrangements for accommodation and transport could be made upon request.

ADVERTISEMENT

The RE Fair event brochure will provide opportunities for advertising your companies for a fee.

Price List for Advertisement in Brochure

Full Page	–	GHC 2,500.00
½ Page	–	GHC 1,500.00
¼ Page	–	GHC 1,000.00

SPONSORSHIP PACKAGES

The Sponsorship Packages include the following:-

1. Sponsorship Packages

A. **Platinum Package - GHC 80,000.00**

- 20 minutes presentation to captive audience during technical session.
- Distribution of Company promotional material.
- Banner and Corporate colours display opportunity at the venue.
- Logos will be printed on banners and all event displays.
- Mention and acknowledgement during Opening and Closing ceremonies, on TV and radio adverts, logos on Press Advert.
- Free Exhibition space (18sqm) in prime location.
- Full page advert in the event brochure.

B. **Gold Package - GHC 50,000.00**

- 15 minutes presentation to captive audience during technical session.
- Distribution of Company promotional material.
- Banner and Corporate colours display opportunity at the venue.
- Logos will be printed on banners and all event displays.
- Mention and acknowledgement during Opening and Closing ceremonies, on TV and radio adverts, logos on Press Advert.
- Free Exhibition space (12 sqm).
- Full page advert in the event brochure.

C. **Silver Package - GHC 30,000.00**

- Distribution of Company promotional material.

- Banner and Corporate colours display opportunity at the venue.
- Logos will be printed on banners and all event displays.
- Mention and acknowledgement during Opening and Closing ceremonies, on TV and radio adverts, logos on Press Advert.
- Free Exhibition space (9 sqm).
- Half- page advert in the event brochure.

2. **Side Event Sponsorship**

Opportunity also exists to sponsor any of the various side events such as Coffee Breaks, Lunches, Evening Cocktails, etc.

CONTACT:

For matters regarding participation, exhibition and sponsorship of the Ghana Renewable Energy Fair 2016, you can contact:

The Ghana RE Fair Coordinator, Energy Commission, Ghana Airways Avenue, Accra



+233-302-813756; +233-205-181-799



ghanarefair@energycom.gov.gh/ghanarefair@gmail.com



facebook.com/REFairGhana



+233-205-181799



@re_fair_ghana

