

The Embassy of the Federal
Republic of Germany in Cairo

Ministry of Environment of
the Arab Republic of Egypt

Have the pleasure to invite you to the 46th Cairo Climate Talks (CCT) Panel Discussion
on March 28th, 2017 at 6:30pm
German Academic Exchange Service (DAAD), 11 Al Saleh Ayoub Street, Zamalek

Biomass in Egypt: Win or Waste?



Millions of tons of biomass are inefficiently managed in Egypt, thereby casting away a vast potential for economic and environmental benefits. Biomass can be used to produce biofuel such as biogas that could be utilized to generate bioenergy in terms of heat and electricity and high quality organic fertilizer. As promising as this renewable energy resource is, bio-energy could significantly add to Egypt's energy mix as it contributes to 10% of the global energy mix. In an effort to utilize Egypt's biomass usage to generate bioenergy, the Ministry of Environment in co-operation with the Ministry of Electricity has submitted to the Cabinet of Ministries all the necessary studies for the feed-in tariff for electricity generated from waste. In return the Cabinet of Ministries has issued a decree in 2015 to form a ministerial committee to study all electricity from waste projects. A feed-in tariff will allow the private sector to feed electricity generated by any kind of waste to the grid in exchange for money. Also the Ministry of Environment in cooperation with the United Nations Development Programme (UNDP) has taken an off-grid approach

to biogas production under the "Bio-energy for Sustainable Rural Development" project, which founded 30 startups that built 1.300 small-scale biogas units.

In our panel discussion we aim at addressing the following questions: What is the status of waste to energy feed-in tariff projects? What are the challenges hindering bio-energy growth? What are the efforts made by different institutions to overcome those challenges? What are the opportunities for investors for a country rich in biomass like Egypt? How feasible are small-scale bio-energy applications on the farmer-level? How do they positively or negatively impact the farm's productivity? And how can non-governmental organizations play a role in the bio-energy diffusion in the Egyptian market?

The 46th Cairo Climate Talks will bring together academics, decision-makers, farmers and private sector representatives to discuss those questions with the aim to unleash the bio-energy potential, to secure adequate energy for Egypt, to reduce greenhouse emissions and to ensure a positive socio-economic impact on farmers.

The discussion will be opened by

H.E. Julius Georg Luy
Ambassador of the Federal Republic
of Germany in Cairo

H.E. Dr. Khaled Fahmy
Minister of Environment

Panelists:

Prof. Dr. Eid Megeed
Director, Technology Transfer Office,
Agriculture Research Center

Dr. Hatem ElGamal
Chairman of Empower Group

Tawfik El-Kheshen
Head of the National Solid Waste
Management Programme, GIZ

Eng. Ahmed Medhat
Executive Director
Association for Bioenergy for
Sustainable Rural Development

Moderator: Meredith Brand Science Journalist

A buffet will close the evening