

Workshop on Biomethanation – upscaling, challenges, and opportunities

Objective and expected outcome

The overall objective of the session is to further develop the knowledge and understanding of policy and institutional facilitation, financial and technical challenges and opportunities related to mainstream and upscale waste to energy success stories. The session will focus on developing and emerging countries' barriers and challenges to reach wide and large-scale introduction of biogas production and usage.

Expected outcomes, demonstrating the fulfilment of the objective as above, are both enhanced capacity for participating delegates to further up-scale the biogas usage and technologies as well as documentation summarising the session outcome and results.

Target group

The session will involve practitioners, researchers, government officials, technology suppliers, policy makers as well as investors/financiers, both as speakers and active session participants as well as invited delegates.

Overall content

The session will include;

- presentations of recent advances in the field
- each main presentation are followed by relevant case studies, demonstrating best practice
- extensive discussions and panel debates, with technology development focus as well as policy aspect focus. .

Session outline

- Sub-session 1: Opening and Introduction:
 - Welcome address
 - Introduction speech by main representative and/or co-chairs
- Sub-session 2: Recent Advances in Biogas Generation and Utilization Technologies
 - Main presentations
 - Presentation 2-3 case studies
 - Open discussion
- Sub-session 3: Policy and financing aspects of biogas up-scaling; barriers and challenges ahead
 - Main presentations

- Presentation 2-3 case studies
- Open discussion
- Sub-session 4: Panel discussion; Emerging and developing countries' barriers and challenges to reach wide and large scale introduction of biomethane production and usage
 - Panelists presentations/comments
 - Open moderator led discussion Main seminar/presentation
- Sub-session 4: Co-chair's reflections on sub-session discussions; progress made, conclusions gained, incl. wrap up

Invited Dignitaries:

1. Hon'ble Maud Olofsson, Deputy Prime Minister, Govt. of Sweden.
2. Hon'ble Chief Minister, Govt. NCT of Delhi.
3. Hon'ble Mr. Jyotiraditya Scindhia, Minister of State, DIPP, Govt. of India.
4. Minister from Developing Country.
5. Minister from Developing Country.
6. Director General, Swedish Energy Agency.

Main speakers

Main speakers (invited and confirmed) are representatives of:

- IEA Bioenergy (Dr David Baxter, Task Leader)
- Swedish Gas Association (Mr. Michelle Ekman)
- Swedish Energy Agency (Dr Tomas Kåberger, General Director)
- Scandinavian Biogas (Mr. Anders Wijkman)
- M.N.R.E., India (Dr. A. R. Shukla, Adviser (Bio-Energy))
- M.N.R.E., India (Mr. Anil Dhussa, Director)
- Malavali Power Project India Ltd. (Mr. Krishan)
- Scalene Greenergy Corporation Ltd. (Dr. Rajah Vijay Kumar)
- European Gas Association (Mr Arthur Wellinger, President)
- Swedish Waste Management Association (Mr. Eric Ronnols)
- USEPA (Mr. Chris Voell)
- ADB (Mr. Anouj Mehta)
- Case studies from different parts of the world (Asia, Europe, Africa)