

# India Biogas Update for the Global Methane Initiative (GMI) Tri-Subcommittee Meeting, Florianópolis, Brazil

**14 March 2014**

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**Ministry of New and Renewable Energy  
Government of India**

**MNRE**



# India Biogas Update

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- Any new trends in the biogas sector
  - Programme volume is stable – drop in power generation and Bio-CNG is evolving at a fast pace as it is perceived as being in greater demand
- Large projects not only in conventional power but also in the renewable energy
- Regulatory Update
  - Work in progress – Implementation of RPO has to begin
- Planned 30000 MW for renewable energy installations during 2012-17
- First projects for Bio-CNG from sugarcane press mud and sewage gas have been set up

# Biogas Programme Outlook

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- Challenges to emission reduction projects in India:
  - Can be sustained only with continued Government support
  - Soft carbon market – almost non-existent
  - Rationalized energy prices are evolving
  - Tend to be compared with low cost energy supplies from large thermal or hydro projects
    - Bio-CNG has advantage of getting compared with petro fuels
  - Unwillingness to value GHG reduction environmental issues

# Biogas Project Outlook (2)

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- Approaches to overcoming challenges
  - Legislation and regulation for renewable energy
  - Policies and incentives
  - Energy pricing reform – various alternatives considered
  - Capacity building
    - R&D support
    - Training and workshops
- Anticipated or planned projects
  - Bio-CNG at Sugar Mills and Distilleries

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# Agriculture, MSW, WW Sector Methane Action Plan in India

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- Plans are only to recover energy from urban, industrial and agricultural wastes and residues
- Target for 2012-17 is indicated as 350 MW
- Programme is not GHG centric and this is taken as incidental benefit

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# Contact Information and Announcements

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- Anil Dhussa, Adviser, Ministry of New and Renewable Energy, Ph +91 11 24364188, +91 8826247248, [akdhussa@nic.in](mailto:akdhussa@nic.in)
- Details of schemes being supported are given at the web site of the Ministry of New and Renewable Energy
- Brainstorming Workshop on 24<sup>th</sup> March to evolve thrust areas for R&D on Biogas
- Web site: [www.mnre.gov.in](http://www.mnre.gov.in)

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