

Agriculture Update

- INDIA

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Agricultural Biogas Program

- Present annual programs cater to:
 - 150000 Household biogas plants
 - waste-to-energy projects of 40 MW capacity – largely aimed at biogas plants for agro-industrial wastes / residues
- Program for next five years is under formulation – expected to be an enlarged program
- Financial support of upto 30% of cost and concessions in import and manufacturing duties and income tax are being provided

Methane Reduction, Recovery, and Use Initiatives

- Promoting projects for energy recovery by capturing methane from livestock and agro-industrial wastes / residues – about 4.5 million household units besides large size Biogas projects of over 100 MW capacity installed
- The produced biogas being used as fuel for generating heat, electricity, CHP and CNG.
- Technologies available for small and large scales – need efficient technologies for medium scale projects for mixed feedstock

Barriers/Challenges to Methane Reduction, Recovery, and Use

- Demonstration projects on co-digestion - now getting installed
- Tariff structure for sale of the generated electricity - evolving
- Industry not keen even if biogas projects are economically feasible and not highly profitable
- Developers not interested in medium sized projects

Statement of Purpose

- Need to develop the partnership as a source of information, technology as well as financial support for development, adaptation and demonstration of projects
- Exclude topics where no major interventions can be made by non-R&D organisations – focus better
- Rename the sub-committee to reflect the focus – which is not agriculture but methane capture / energy recovery