

Courage for future energy segment

India's present energy system is dealing with a number of problems including erratic and very unstable crude prices and the resulting fiscal challenges, and the damaging ecological balance. Though, what remains a fact, is that in case the energy trend of the last few decade continues linearly, climate change will have a severe volatile and devastating impact on our lives. The import dependency is bound to rise, and crude will become scarcer and confined in a few countries around the world. An innovation is required to tackle the issue. As a matter of fact, the solution to energy challenges is not beyond our control. The key lies in our hands by switching from fossil fuel, greenhouse gas sources of energy to renewable sources of energy.

Developing countries like India have great potential to speed up the utilization of its endowed renewable resources to power its growing economy with a secure and reasonable energy supply. India is in phase, where its economy is experiencing tremendous growth over the past several years. Energy, in any form, can strengthen past, present and future growth therefore for Indian economy to continue the growth route, it is needed to address its energy challenges, which cross all sectors and impact all citizens. With the support of natural resources, the harnessing of renewable energy can be a general practice in India mainly because:

- a) Renewable energy proposes a get around against fossil fuel cost escalation and volatility,
- b) renewable energy provides a cushion against energy security problems,
- c) off-grid renewable power can meet demand in far-off rural areas,
- d) renewable energy can support realization of climate change goals, if any, and
- e) renewable energy can be supplied to both urban and rural poor.

Biogas can cater to small to big-scale sites, making it a viable option for regions in India. Human energy in form of organic fertilizer is associated with Biogas plant and it is the right time to promote it together. The challenge ahead of us is big, but we have no choice if we want to act responsibly. "There is enough in the world for everyone's need, but not enough for everyone's greed".

Introduction

The "Indian Biogas Association" aspires to be a unique blend of; nationwide operators, manufacturers and planners of biogas plants, and representatives from science and research. The association was founded in 2011 and is now ready to start mushrooming. The sole motto of the association is "propagating Biogas in a sustainable way". The association estimates to have more than 4000 members from the different biogas related field. One of the main aims of the association is to make politicians aware about the biogas potential and in addition it will promote the biogas sector.

The Association of the Biogas Association pursues exclusively and directly charitable purposes and will be active to fulfill above objectives. The specific Objectives of the Association are

- 1. Promotion of technical developments in the biogas sector,
- 2. Promotion, evaluation and communication of research findings and practical experiences from the field of biogas technology for the benefit of the public and the environment,
- 3. Provide training for practice and advice,
- 4. Issuing publications in text, image and sound,
- 5. Promoting exchanges of experience through participation and implementation of exhibitions, conferences and other events,
- 6. Promoting international exchange of experience by creating and maintaining contacts at home and abroad,
- 7. Promoting a network of counseling by members in the various regions,
- 8. Development of quality standards for design and construction of biogas plants and plant components.
- 9. Development of quality standards for biogas fermentation residues, and
- 10. Development of quality standards for the operation of biogas plants.



- 1. Comprehensive political and legal interests of the biogas sector in the legislative and in the drafting of regulations in India at state and central levels.
- 2. Our exclusive member service helps you with further questions around the subject of biogas quickly and competently.
- 3. Exclusive up to date information about various company within this sector.
- 4. Nationwide networking through the establishment of several regional groups and five regional offices overall in the north, south, east, west and middle of India. The regional groups will be regularly active for lectures and site visits.
- 5. Delivery of the periodical "Biogas-Journal" India's only pure biogas magazine with current information about biogas. On specific special rates, our member companies in the Biogas Magazine can advertise with specific target groups.
- 6. Exclusive information on the website of the Association for biogas in the protected members' area. For companies the possibility to present them in a corporate database.
- 7. Organization of exhibition stands on both large nationwide as well as regional trade fairs. For the annual meeting of the Indian Biogas Association are corporate members and operators to benefit significantly concessional Admissions and exhibitor prizes.
- 8. Sale of publications on the subject of biogas at preferential rates for members of the association.
- 9. All members of the Association can be active with the Implementation Group and involve them personally in this way in shaping the political and legal framework of the biogas sector participation in India and many more...



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