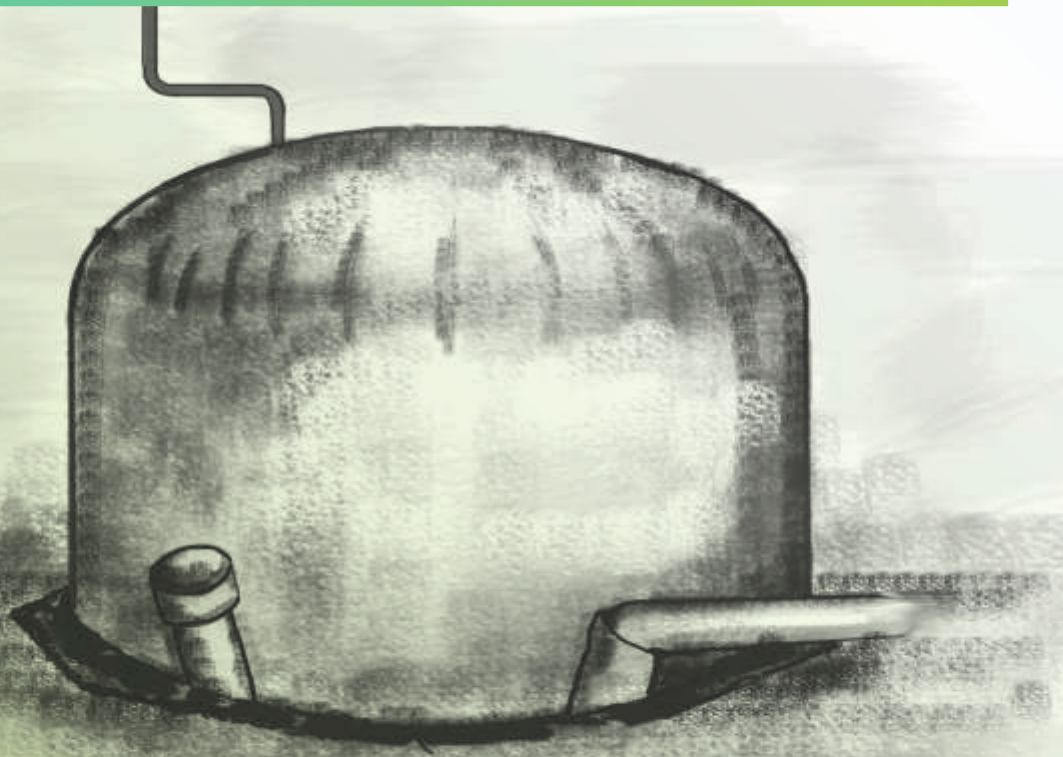


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FLEXI BIOGAS PLANT



What is Biogas?

The term 'biogas' is referred to a gas which has been produced by the biological breakdown of organic matter in the absence of oxygen. Major sources of methane are animal excrements, waste landfills, and any other organic material that is left untreated. Biogas consists of methane (CH_4), carbon dioxide (CO_2), hydrogen sulphide (H_2S) and a little hydrogen (H_2). It is created by the decomposition of manure and other forms of organic waste from industry or households.



Advantages of Flexi Biogas Plant over Regular Biogas Plant

- Installation time of 1 day as compared to 3-6 months in a regular biogas plant.
- Lower costs as compared to KVIC/Deenbandhu plant.
- No requirement of skilled labour for installation.
- Flexi biogas pumps gas with pressure through booster pump.

Capacity of a Flexi Biogas Plant

One 2m³ biogas plant can produce 2 LPG bottles equivalent gas.

- **Sewage:** 60 kilos of cattle and poultry waste.
- **Food Waste:** 40 kilos of food and vegetable waste obtained from households, restaurants, cafés, malls, provision stores and others.

SUMUL DAIRY



BARODA DAIRY



ASSAM



KENYA



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