



BIOGAS

Biogas is formed by the bacterial degradation of biomass under anaerobic condition (airtight digesters). Biogas mainly contains methane (50-70%), carbon dioxide and trace amount of water, sulfur and hydrogen sulphide.

Uses

- **Heating and Cooking:** Biogas can be used as a fuel for stoves and boilers.
- **Electricity Generation:** Biogas can be used in engines or fuel cells to generate electricity.
- **Vehicle Fuel:** Biogas can be upgraded to biomethane and used as a vehicle fuel.
- **Waste Treatment:** Anaerobic digestion can treat organic wastes and reduce their volume and odor.
- **Fertilizer Production:** The digestate (the solid and liquid residue after anaerobic digestion) can be used as a fertilizer