

Mailhem Environment Pvt. Ltd. is a global waste management conglomerate offering customized solutions in solid waste and waste water treatment and management.

Our technology description

Anaerobic Digester is based on **Modified Upflow Anaerobic Sludge Blanket (M-UASB)** Technology. This digester is provided with gas tight top covers, proprietary internal modules, baffles & launders. These proprietary items enable high solid retention time without choking, better settling characteristics of the suspended matter, faster release of the "blanket" at the gas liquid interface, better interaction between the microbes and the organic matter. The higher gas yield is partly attributable to these structures. It is also provided with scum breaking & removal mechanism. Successful use of biogas technology can also provide other benefits including the production of bio-fertilizer, social and ecological benefits including sanitation, reforestation and reducing the reliance on fossil fuels. The Government of India initiative have made biogas plants **exempted from excise duty**, are made eligible under **Corporate Social Responsibility** and **80% depreciation** is admissible.



Suitable material for anaerobic digestion

- Livestock manures
- Waste feed
- Food-processing wastes
- Slaughterhouse wastes
- Corn silage (energy crop)
- Ethanol stillage
- Fresh produce wastes
- Industrial organic wastes



Got Farm Waste?



Need Energy?

→ **We have just the right thing for you!**