

Commercial Size Biogas Plant:

We offer wide range of Commercial Biogas Plants starting from 10 m³ to 2000 m³ biogas production per day. Waste input will vary from 100 Kgs/day to 25 MT per day

About Large Biogas Plants

Suitable for Large Waste generators from 5 TPD to 200+ TPD.
Recommended usages / Applications are:

- Bio - Electricity
- Thermal Applications in Boiler
- Bio-CNG Bottling
- Power Generation: Captive/ Export

Advantages of Large Biogas Plants

- Reduction in OPEX from existing waste disposal mechanism
- Totally sustainable zero discharge plant.
- Waste to energy ; reduces over heads
- Risk mitigated against PCB hurdles
- Reduction in Carbon FootPrint

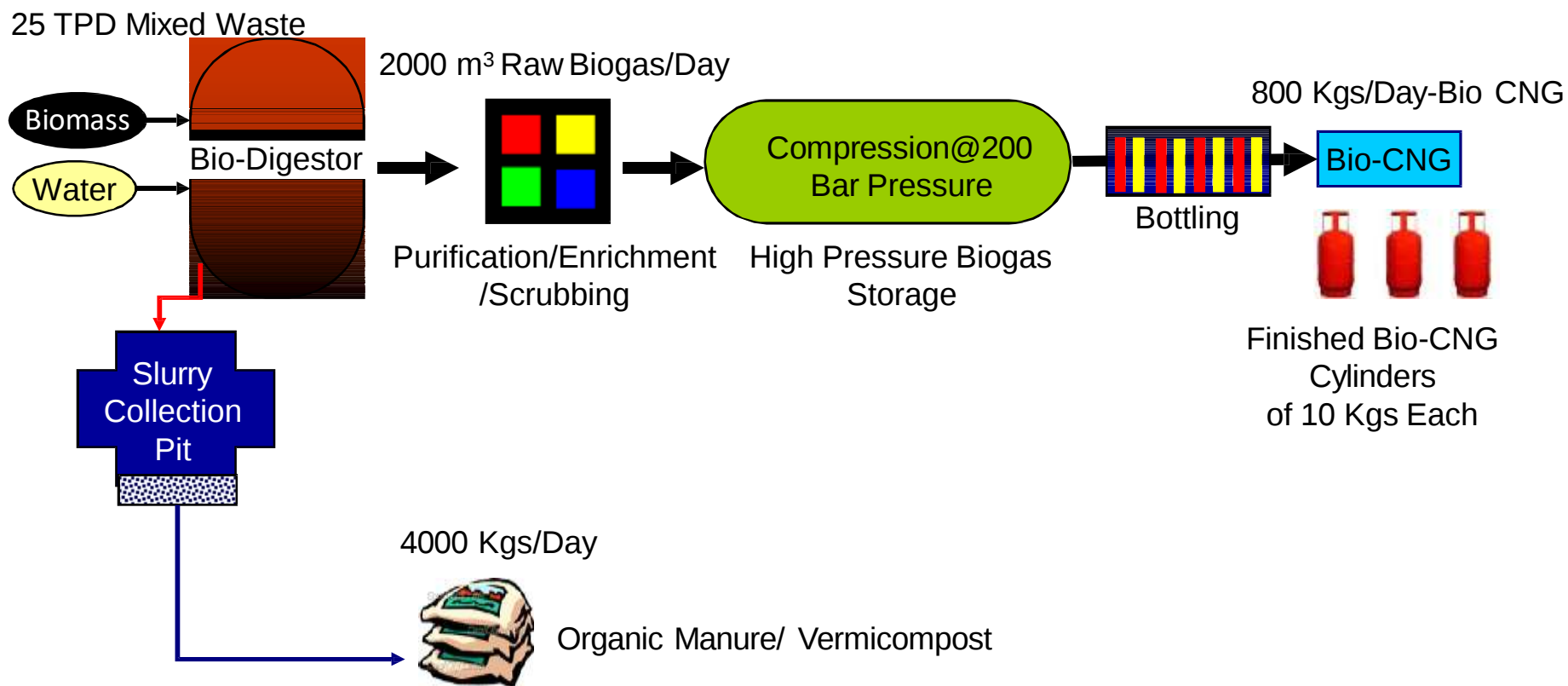


Target Industry

- ✓ Fruit Processing Companies
- ✓ Food Processing Companies
- ✓ Piggeries & Poultryes
- ✓ Slaughter Houses
- ✓ Large Sewage Plants
- ✓ Goshalas & Dairies
- ✓ Sugar & Distilleries
- ✓ Municipal Bodies
- ✓ APMC Yards

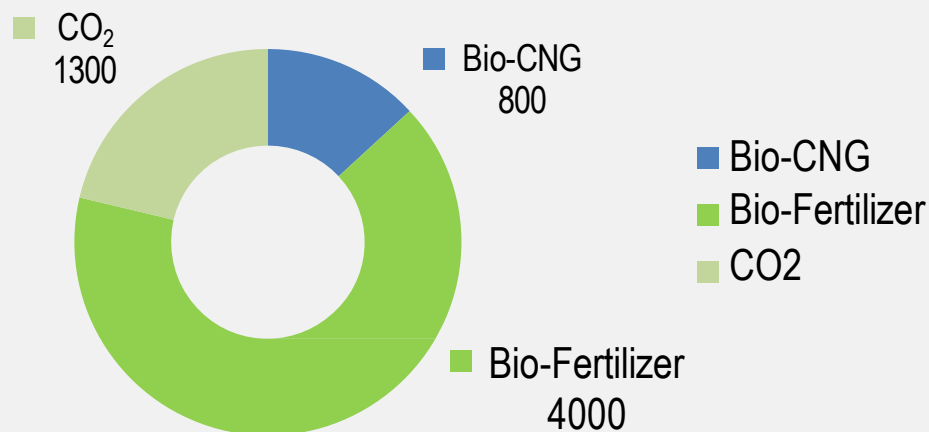
Bio-CNG Bottling Flow diagram

Migrate from 'Conventional LPG to a fundamentally new one (Bio-CNG) using Organic Waste as Raw Materials.



PRODUCTION & REVENUE PERDAY:

Production/Day (Kgs)



1. Thus Daily Bio-CNG production expected to be **800 Kgs (80 Nos. of 10 kg cylinders)** from first year onwards.
2. Daily Estimated production of Vermi-Compost will be **4.00 M.T. per day**.

Revenue/Day (Rs)

$$\underline{4000 \text{ Kgs} \times \text{Rs } 6/\text{Kg of Bio-Fertilizer} = \text{Rs } 24.000}$$



Bio-CNG

$$\underline{800 \text{ Kgs} \times \text{Rs } 45/\text{Kgs of Bio-CNG} = \text{Rs } 36.000}$$

1. The expected sale price will be **Rs. 450/- per Cylinder @Rs.45.00/Kg of Bio-CNG** with an average annual increase of 10%.
2. The expected sale price to be **Rs. 6.00/- per kg**, with an average annual increase by 10%