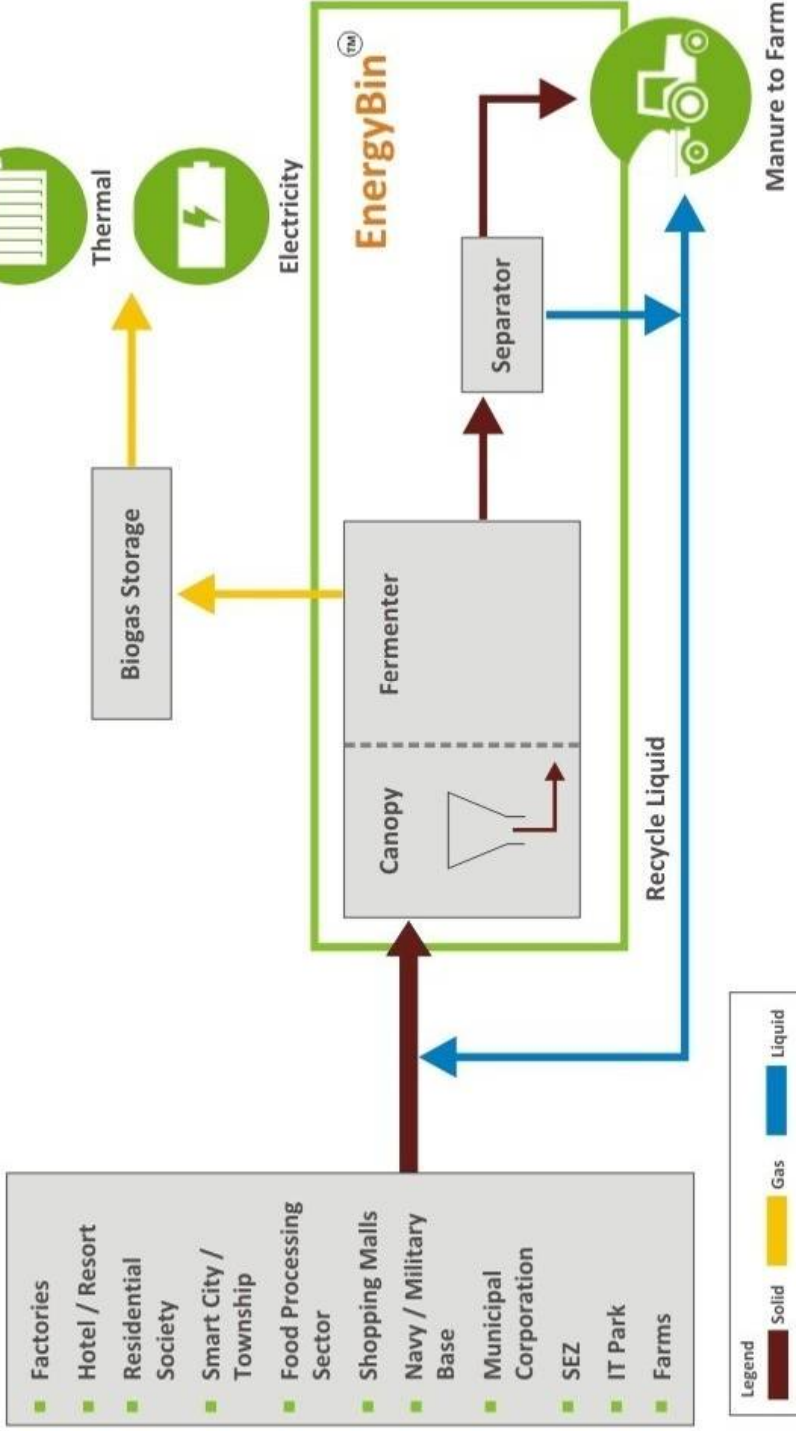


Plant Scheme:



Technical Specification of EnergyBin™ Models:

PARTICULARS	EB-100	EB-250	EB-500	EB-750	EB-1000	EB-1500	EB-2000
Waste Processing Capacity (Kg/d)	100	250	500	750	1000	1500	2000
Dimensions (L x B x H) m	4 x 2.5 x 2.5	6.5 x 2.7 x 3	6.5 x 3.5 x 3.5	9 x 3.5 x 3.5	9 x 4 x 4	12.5 x 4 x 4	15 x 4 x 4
Electricity Consumed (kWh/d)	2.5	6	10	12	18	25	31
Biogas Output (Nm ³)	12-13	30-32	60-64	90-95	120 -130	180-190	240-260
LPG Equivalent Biogas (Kg)	6	15	30	45	60	90	120
Power Generation Potential (kWh)	18	45	90	135	180	270	360
Manure Output @ 30% TS (Dry)	10	25	50	75	100	150	200
Liquid Manure (liters)	80	200	400	600	800	1200	1600
SAVING							
LPG Replace / Ann @ 80 Rs/Kg	1,72,800.00	4,32,000.00	8,64,000.00	12,96,000.00	17,28,000.00	25,92,000.00	34,56,000.00
Electricity Produce/ Ann @ 11.5 Rs/kWh	74,520.00	1,86,300.00	3,72,600.00	5,58,900.00	7,45,200.00	11,17,800.00	14,90,400.00
Organic Manure / Ann @ 3 Rs/kg	10,800.00	27,000.00	54,000.00	81,000.00	1,08,000.00	1,62,000.00	2,16,000.00
Disposal Cost / Ann @ 0.75 Rs/kg	27,000.00	67,500.00	1,35,000.00	2,02,500.00	2,70,000.00	4,05,000.00	5,40,000.00



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