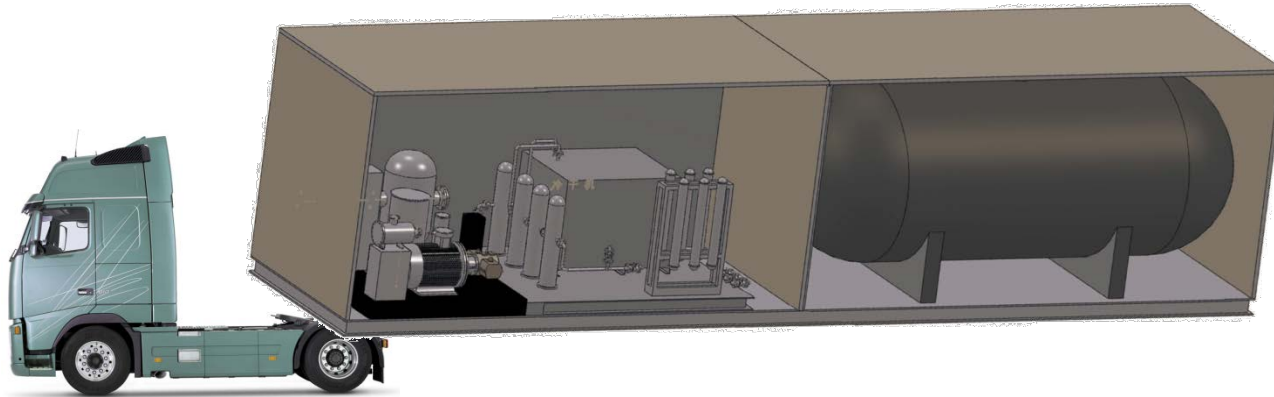


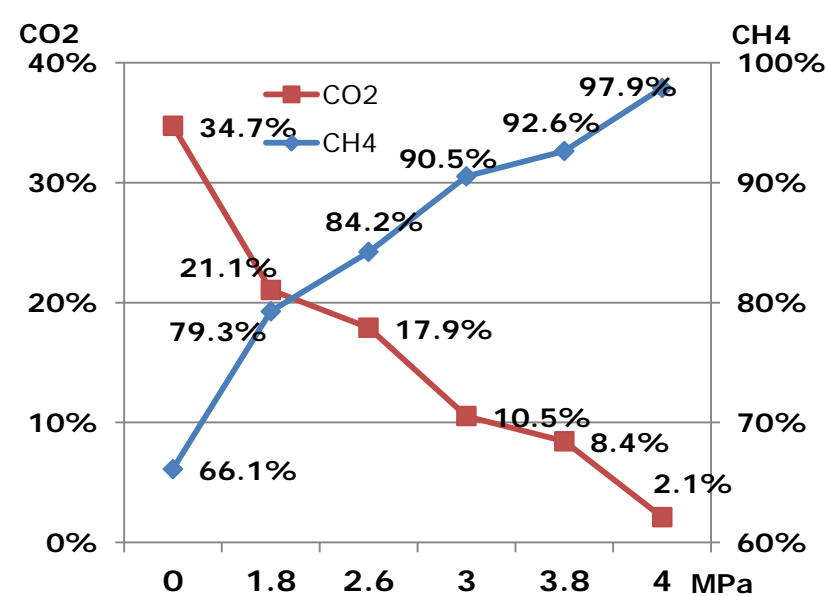
MOBILE BIOGAS UPGRADING SYSTEM



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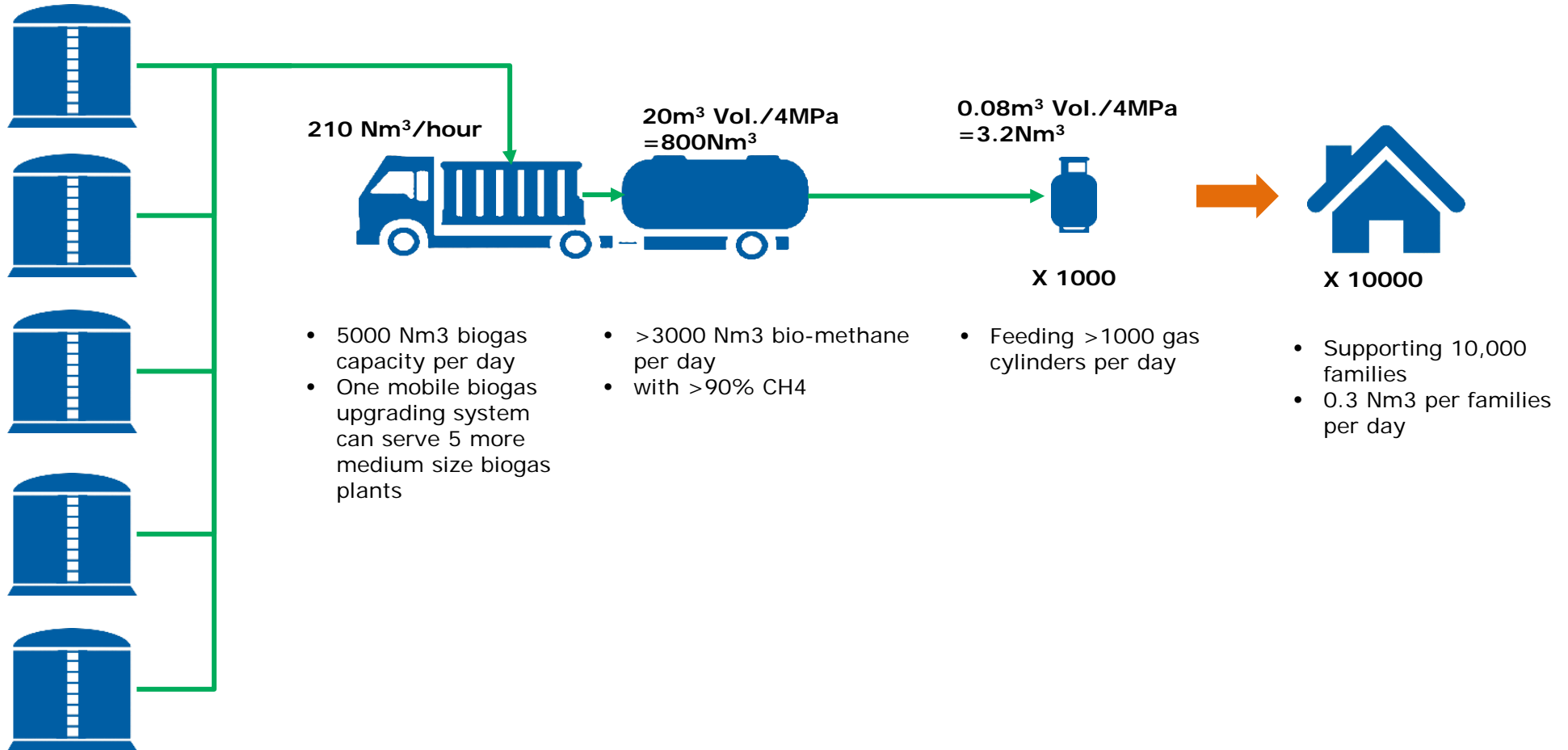


- 210Nm³/hour,
- 4MPa working pressure
- 40kW power needed



BUSINESS MODEL

20-40 Nm³/hour



DATA & CONFIGURATION

Feed gas	Flow (m ³ /h)	210
	CH ₄	55.00%
	CO ₂	44.90%
	H ₂ S	10ppm
	Water	0.10%
Product gas	Flow (m ³ /h)	116
	CH ₄	97.18%
	CO ₂	2.82%
	Temperature C°	16.4
	Water	0.00%
	Dew-point C°	<-50



Pretreatment	Anti-explosion dryer	Model: LNFL-12/40bar/FB, Flow: 12Nm ³ /min, Working pressure: 40bar, Power: 1.5+0.37kw, Size: 1700*900*1200, Weight: 0.5ton	1
Membrane model	Hollow fiber membrane	4 inches with shell	3
	Skid-mounted units	Holder, pipeline, valves, etc.	1
Instruments	CH ₄ detector	Range: 0~100%, 4~20mA	2
	H ₂ S detector	Range: 0~100ppm, 4~20mA	1
	Ammonia detector	Range: 0~100ppm, 4~20mA	1
	Dew point sensor	Range: -20~80°C, 4~20mA	1
	Turbine flowmeter	-	2
	Temperature transmitter	-	1
	Control unit	Electrical cabinet and PLC	1