



# SIMPLE AND COMPLETE PLANT TO PRODUCE BIOMETHANE FROM RAW BIOGAS

## Caratteristiche:

- Il processo ibrido di Hysytech si basa sull'ottimizzazione del lavaggio ad acqua e sul trattamento a membrane. Il giusto abbinamento di questi due trattamenti permette di evitare altri pretrattamenti, minimizzando i costi di esercizio e l'impatto ambientale dei carboni attivi.

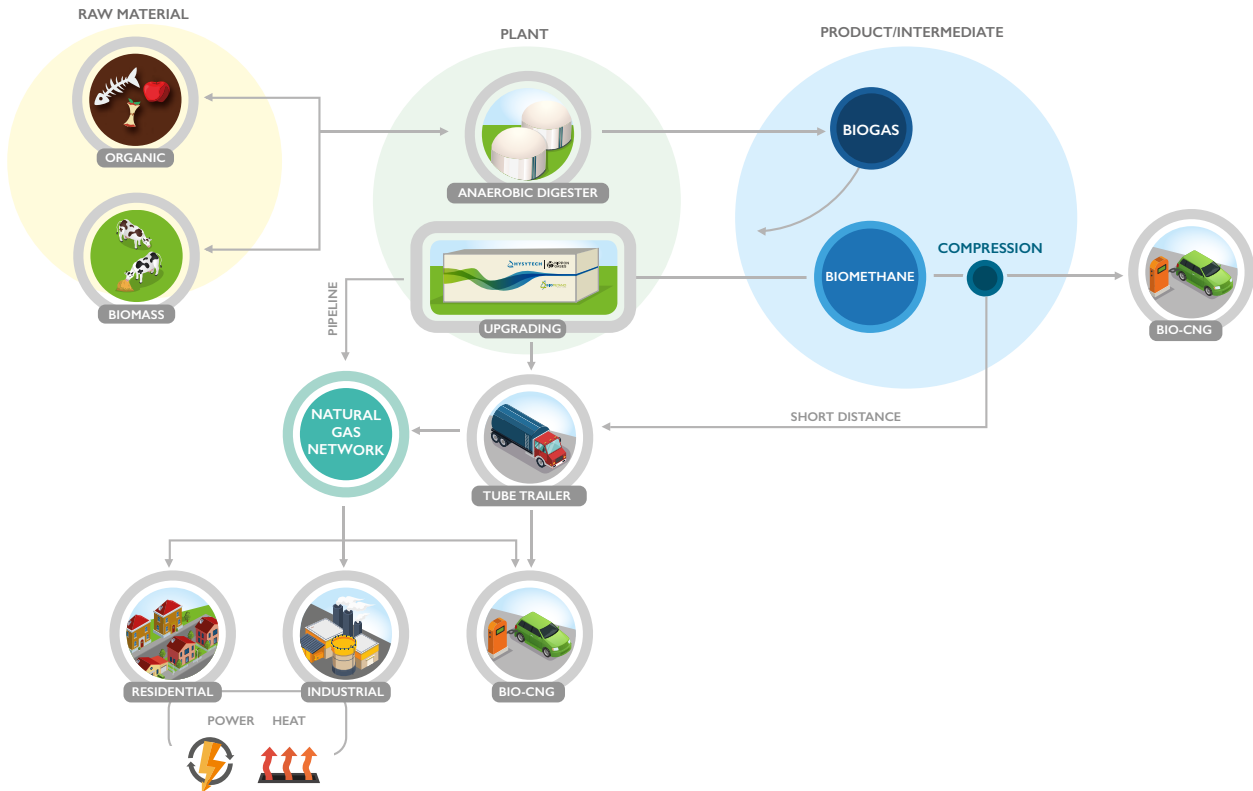
## Features:

- Hysytech's hybrid process is based on the optimization of water scrubbing and membrane treatment. The right combination of these two treatments avoids other pre-treatments, minimizing the operating costs and the environmental impact of activated carbon.



## TECHNICAL DATA

- Robust, reliable and efficient removal of  $H_2S$ ,  $NH_3$ , VOC
- High  $CH_4$  recovery (up to 99.6%)
- "Plug and play" and modular design
- Standard modules from 100 and up to 1.500  $Nm^3/h$  of biogas, others upon request
- Energy efficiency: as low as 0,24 kWh/ $Nm^3/h$  of biogas



**CONFIGURATION**

BIOGAS size [Sm <sup>3</sup> /h Biogas]	BIOMETHANE size [Sm <sup>3</sup> /h BioCH <sub>4</sub> ]
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120	72
220	132
300	180
400	240
500	300
600	360
700	420
800	480
900	540
1000	600
1200	720
1500	900

Note: other versions upon request.