LEADING BY
EXPERIENCE AND INNOVATION

EnviTec Biogas



100+
PLANTS

EnviThan gas upgrading for high quality biomethane

Long-term flexible sales channels

www.envitec-biogas.com

Compact, efficient, flexible – EnviThan gas upgrading

- → Innovative technology and state-of-the-art systems on the market
- → High-efficiency membrane system with low pressure loss and minimal methane slip
- → High operational flexibility
- → Highest quality standards, optimum reliability and safety
- → Low power consumption and optimized raw gas processing design

Advantages

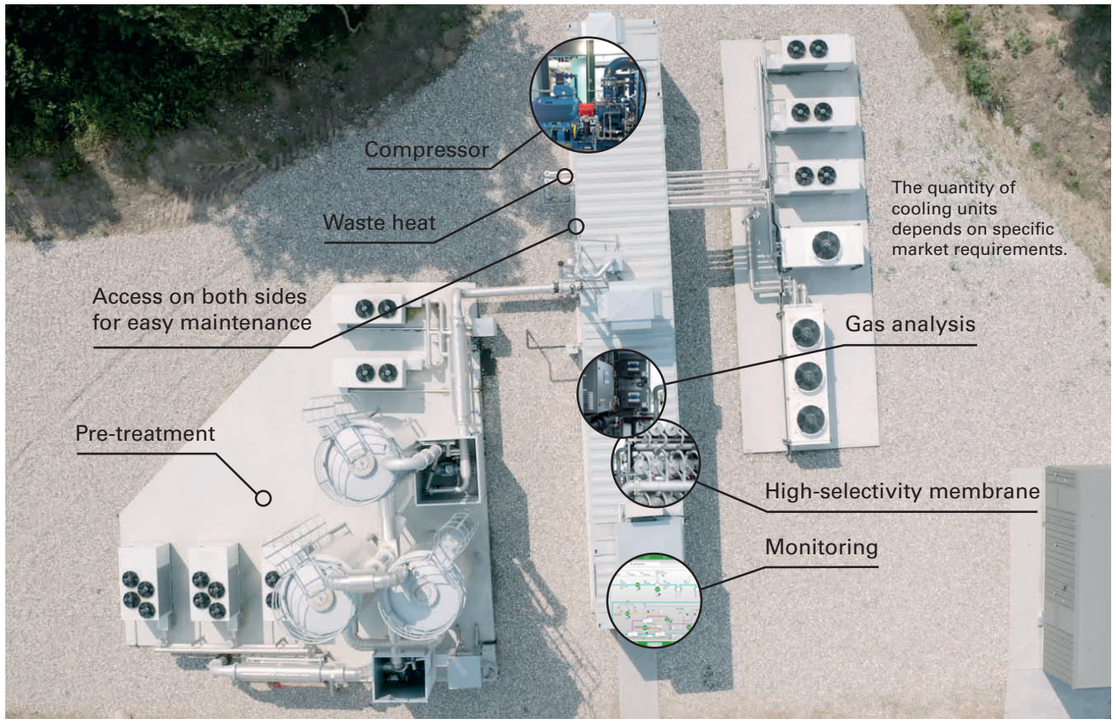
- → Simple, compact and modular plant design
- → Rapid controllability for short start-up times
- → Low space requirements
- → Strong partnership with key technology suppliers within the industry
- → Global expertise and long-standing experience
- → State-of-the-art in-house control system and EnviTec Remote for secure remote access

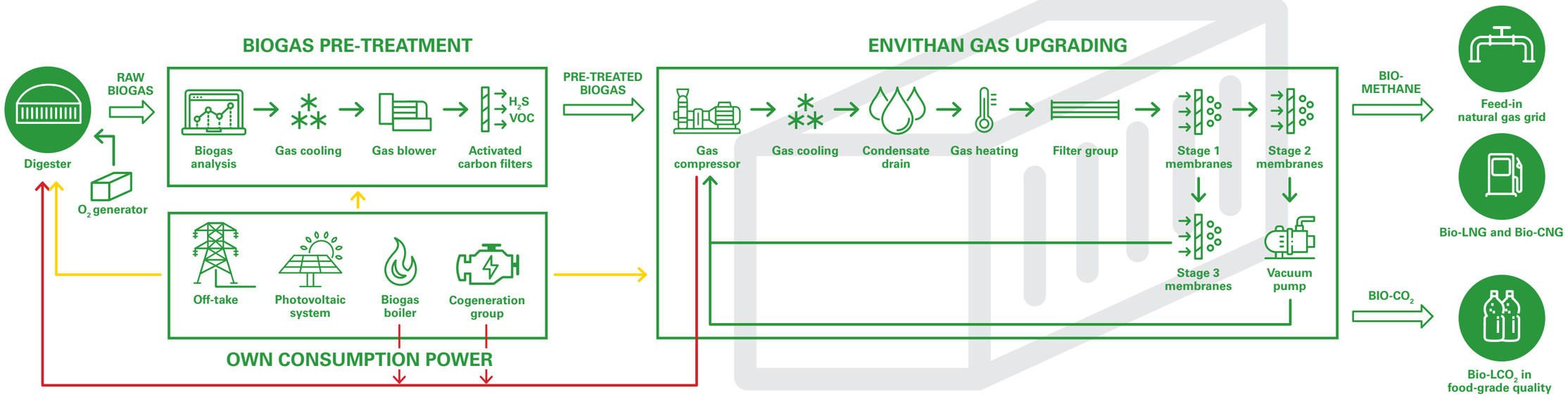
Technology

We use SEPURAN® Green modules from Evonik Industries for the membrane separation process in our gas upgrading plants. The system's exceptional pressure and temperature stability plus superior separation capabilities keep methane losses and energy consumption as low as possible.

Our EnviThan plants are equipped with continuous gas analysis, ensuring maximum efficiency and process monitoring. Each plant is delivered pre-assembled and pre-tested, allowing for quick and straightforward installation. With over 100 successfully commissioned plants across eight countries, we bring extensive experience to a wide range of projects. The modular design enables us to meet individual performance and quality requirements.

Our technology stands out for its extremely low maintenance costs. The separation process allows for efficient methane and CO_2 separation, enabling sustainable processing of both components.





EnviTec Biogas

+ **Europe's strongest partner for biogas and gas upgrading plants with more than 545 MW_{el} of installed capacity worldwide**
+ **Long-standing experience gained by operating over 90 own plants with an average capacity utilisation of around 97%**
+ **Owner of Germany's first integrated bio LNG liquefaction plant**
+ **Tailor-made solutions along the entire value chain**
+ **High plant availability assured by extensive global service network**
+ **Strong synergetic benefits as part of EnviTec Group**

EnviTec Biogas AG

Industriering 10 a
D-49393 Lohne
Tel.: +49 4442 8016 8100
Fax: +49 4442 8016 98100

Boschstraße 2
D-48369 Saerbeck
Tel.: +49 2574 8888-0
Fax: +49 2574 8888-800

info@envitec-biogas.com
www.envitec-biogas.com