

AB: THE EXPERIENCED, LEADING MANUFACTURER OF MODULAR, ON-SITE POWER AND COGENERATION PLANTS, COMMITTED TO THE ONGOING DEVELOPMENT OF SUSTAINABLE BIOFUEL



We design, manufacture, install and service plants as if they were our own. Since 1981 we have been working side by side with our customers to help them become more competitive through improved energy efficiency and reduced emission.

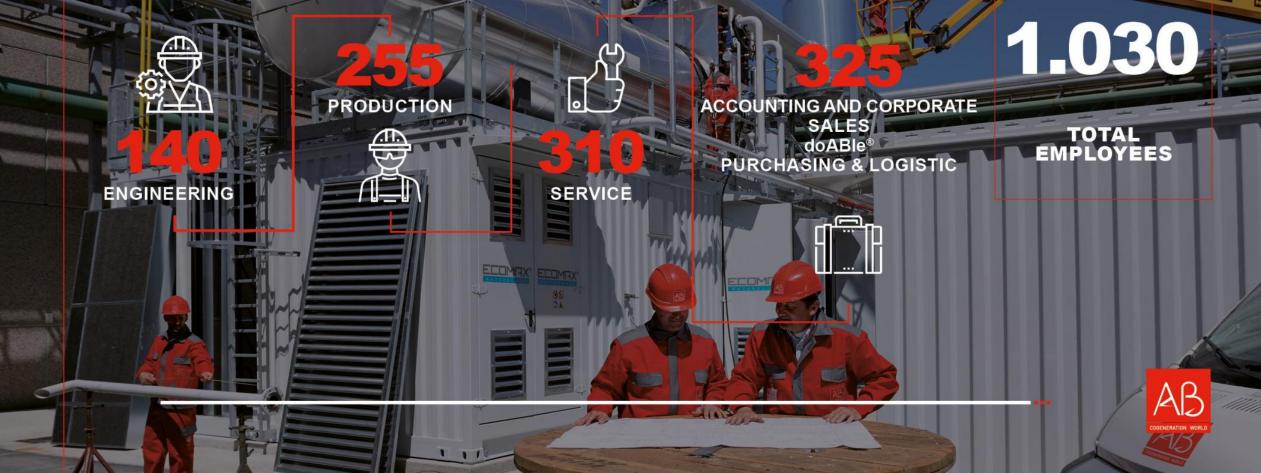




A MULTINATIONAL PRESENCE



AB PEOPLE



KEY FACT & FIGURES



Biogas and energy plants

>999/0 CH4 recovery efficiency

>14.000

Unique part numbers in global warehouses

>98%

Typical plant availability

AB – Owned

Biogas farm and biomethane production

AB PROFILE

APPLICATION SECTORS





The Background

- Long-term strategy for reducing greenhouse gas emissions
- Investments in renewable energies and energy storage technologies
- Transport, industry, commercial/residential sector
- Energy supply/demand



Future trends

Flexibility

- Energy Demand
- Valorization

Storage

- Energy transition
- Decarbonization

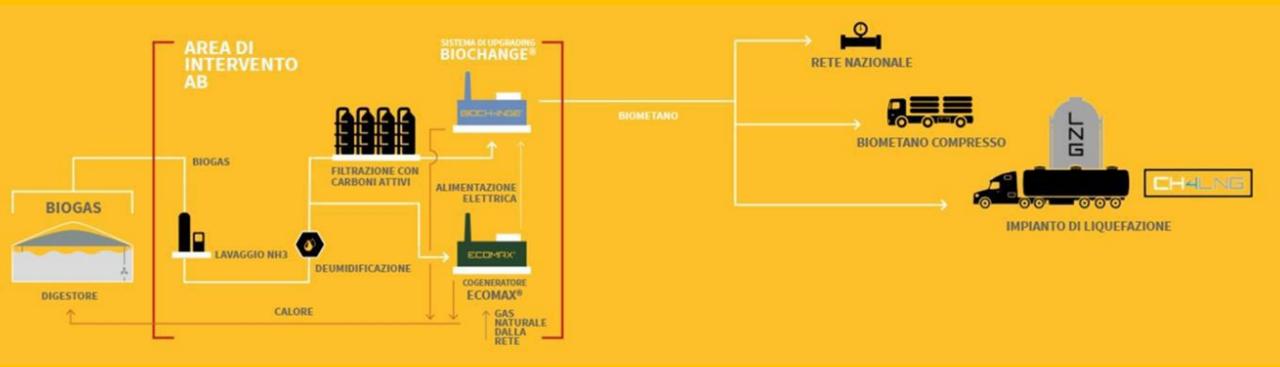


Programmabilità

- Biogas storage capacity, although limited, is larger than PV and wind energy
- Possibility of multiple energy carrier destinations
- Possibility to vary the weight between different carriers (electricity, biomethane, LNG)
- Production/use



FLEXIBLE USE OF BIOGAS: BIOREFINERY



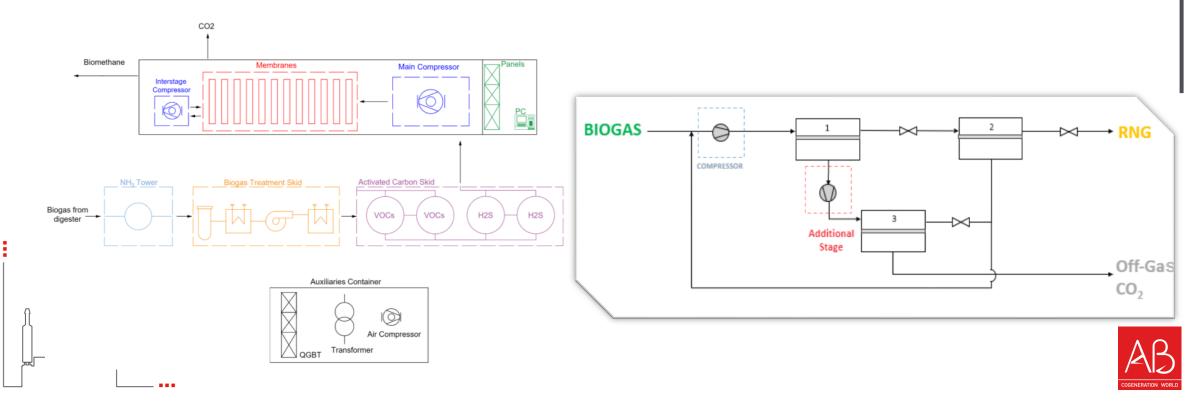






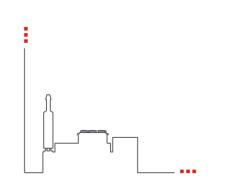
BIOCH4NGE®

- Membrane Upgrading
- High CH4 recovery efficiency
- Low electrical consumption
- No use of water and chemicals



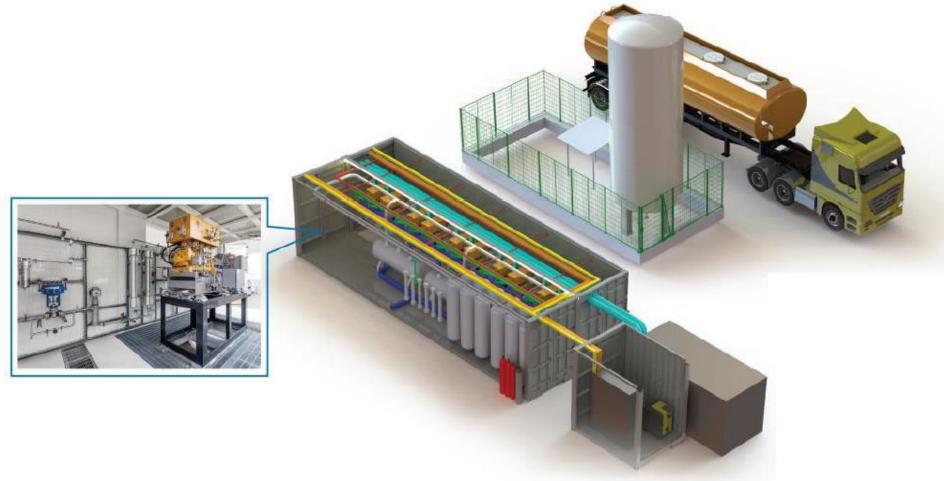
CH4LNG

- Emissions reduction
- Heavy transport sector
- Naval sector
- Easily transportable/storable











KEY STRENGTHS

As our customers say.



TAILOR MADE SOLUTIONS

Applications knowledge converted into engineering solutions.



INDUSTRIAL PRODUCT

BIOCH4NGE® goes beyond system integration; reducing risks, time and inefficiencies.



RELIABILITY AND QUALITY

Integrated multidisciplinary competences coupled with passion for excellence.



SINGLE POINT OF RESPONSIBILITY

Accountable for all activities and single point of reference for our customers.



PERFORMANCE

Plant availability and gas quality guarantees go hand-in-hand with best-in-class IRR for our customers



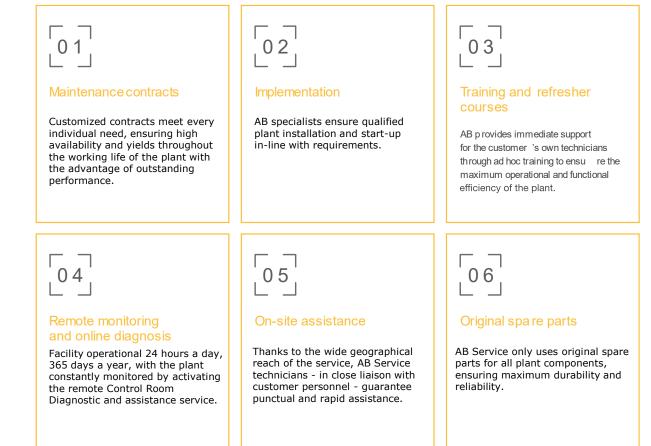
BIDCH4NGE®

Service

Our worldwide team of specialist technicians is totally dedicated to customer service and the maintenance of AB installations. Our Protection Plan contract means you have a single point-ofcontact for the life of the plant, with assistance 24 hours a day, 7 days a week, 365 days per year.

Our remote monitoring capabilities provide advance diagnostics, and our global network of warehouses provide immediate access to original spare parts.

The benefits are immense: minimum downtimes, optimal performance and maximum reliability.





BIOCH4NGE 12 – Milan, Italy





Bioch4nge 10, Marne, France





WEB CHANNELS





b www.cogenerationchannel.com

The first and the only web video channel 100% dedicated to COGENERATION in all its applications.

• CASE HISTORIES AND BEST PRACTICES FROM ALL OVER THE WORLD. • 950 VIDEOS, 12 TOPICS.



www.biogaschannel.com

The first and the only web video channel 100% dedicated to BIOGAS in all its applications.

• CASE HISTORIES AND BEST PRACTICES FROM ALL OVER THE WORLD.

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Thank you for listening! Filippo Cavalli Filippo.cavalli@gruppoab.it 2260 28230 5023

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