

Discover your
new sustain**ABLE**
and competitive
Way to improve
what you do

Better Way

Enhancing production to boost
profits – while performing more
Discover yours with AB.

AB A Better
Way

ABetter Way

There is a different way of enhancing production to boost efficiency and increase profits – while performing more sustainably. A Better Way. [Discover yours with AB.](#)

AB ABetter
Way

AB is the acknowledged
global reference for
energy sustainability
solutions.

ABOUT US

Cogeneration,
biogas upgrading,
biomethane and CO₂ liquefaction,
air emission treatment.

Plants,
expertise,
technologies and
service.

For over
40 years

we have been working alongside our customers helping them to improve their competitiveness with energy savings while reducing their environmental footprint.



customized solution

Products and services tailored to specific needs

plug & play installation



Reduced onsite costs, time and risks

turnkey system



Full accountability and customer peace of mind

reliability and quality



Expertise on our customers' production processes

single point of contact



From project start through commissioning and ongoing service



performance

Plant availability close to 100%

+40 years of
experience

140+ engineers

1,200+ employees

350+ specialist
field
technicians

People remain our most vital corporate asset. With multidisciplinary and shared skillsets, our experts are guided by a common passion and vision, helping us perform at the highest levels for our customers' benefit.

30,000
annual service
training hours



Natural gas cogeneration



← Biogas-to-biomethane upgrading and liquefaction



Trigeneration



Air emissions treatment →

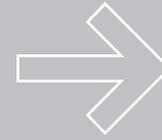


Biogas cogeneration



CO₂ liquefaction





MANUFACTURING

Natural gas cogeneration
Trigeneration
Air emissions treatment
CO₂ liquefaction



FOOD&BEVERAGE

Natural gas cogeneration
Trigeneration
Biogas cogeneration
Biogas-to-biomethane upgrading and liquefaction
Air emissions treatment
CO₂ liquefaction



DAIRY

Natural gas cogeneration
Trigeneration
Biogas cogeneration
Biogas-to-biomethane upgrading and liquefaction
Air emissions treatment

We apply our depth of experience to develop the best energy sustainability solutions for a broad spectrum of sectors.



CHEMICAL & PHARMACEUTICAL

Natural gas cogeneration
Trigeneration
Air emissions treatment



PLASTIC

Natural gas cogeneration
Trigeneration
Air emissions treatment



GREENHOUSE

Natural gas cogeneration
Air emissions treatment
CO₂ liquefaction



COMMERCIAL BUILDINGS

Natural gas cogeneration
Trigeneration
Air emissions treatment



AGRICULTURE

Biogas cogeneration
Biogas-to-biomethane upgrading and liquefaction
Air emissions treatment
CO₂ liquefaction



WASTE

Biogas cogeneration
Biogas-to-biomethane upgrading and liquefaction
Air emissions treatment



HEALTHCARE

Natural gas cogeneration
Trigeneration
Air emissions treatment



DATA CENTERS

Natural gas cogeneration
Trigeneration
Air emissions treatment



MICROGRID

Natural gas cogeneration



Trigeneration
Air emissions treatment

OIL & GAS

Natural gas cogeneration
Air emissions treatment



MINING

Natural gas cogeneration



Air emissions treatment

UTILITY, ESCO & IPP

Natural gas cogeneration
Trigeneration
Biogas cogeneration
Biogas-to-biomethane upgrading and liquefaction



Argentina Australia
Brazil Bulgaria Canada
Colombia Croatia
Czech Republic France
Germany Greece Israel
Italy Mexico Poland
Puerto Rico Romania
Serbia Spain Singapore
United Kingdom
United States

AB is a group of companies with branches worldwide, operating in emerging and industrialized markets that value energy efficiency and sustainability.



The AB process from start to finish occurs in our world-class engineering and production center in Orzinuovi (BS – Italy), encompassing 40,000 m² of interconnected buildings.



Within the engineering hub, over 140 engineers plan, design and manage the hydraulic, electrical, mechanical, process and IT activities involved in delivering customized solutions for our customers' specific requirements. AB GRADE is a recognized center of excellence for research and development of new technologies in energy transition. DOABLE, the Group's technological hub dedicated to digitizing processes, embodies AB's commitment to innovation.

TECHNOLOGIES

- ECOMAX[®] COGENERATORS (Natural Gas, Biogas, Landfill, Special Gas)
- BIOCH4NGE[®] BIOGAS-TO-BIOMETHANE UPGRADING SYSTEM
- BIOMETHANE LIQUEFACTION SYSTEM - CH4LNG
- DeNO_x SCR REACTOR
- CO₂ RECOVERY SYSTEM
- REGENERATIVE THERMAL OXIDIZERS (RTO)
- TREATMENT OF OILY MISTS
- TREATMENT OF COMPLEX EMISSIONS
- TREATMENT OF ODOR POLLUTION



+1,950

plants designed
and built

+2,250 MW*

installed
to date

*ref. cogeneration

ACTIVITIES

Full-service maintenance contracts

Plant commissioning

Onsite assistance

Original spare parts

Training and refresher courses

Repair, upgrade and overhauls

Remote digitized monitoring and online diagnostics

NUMBERS

1,800+

plants are managed and monitored by AB Service.

Emergency service is available

24/7 year-round.

57min

value of engines and spare parts in stock

250

overhauls performed.

AB Service, with its 350 specialist technicians, is the Group company dedicated to monitor and maintain the plants we deliver to guarantee long-term optimal performance. A strategic choice to ensure the certainty of investment payback, with machine downtime minimized and an average plant operational availability close to 100%.



“ Amadori chose to collaborate with AB because the technical skills and planning capacity of its professionals emerged immediately. But above all, what we think is important is to be able to rely on considerable expertise in terms of after-service support.



“ The choice of AB stems from a rigorous comparison with what other competing companies offered. We are also at the top of our industry and we like to dialogue with the best.

Over 1,450 elite customers. A firmly established reputation. Our customers' satisfaction is overwhelming proof of the value AB offers.



“ AB supplied an intervention plan consistent with our expectations, also indicating improvement solutions which are an integral part of their specialist experience. The plant built allows us to achieve the energy-saving targets that we had planned.



“ The interaction with AB also includes service and maintenance requests, which are met by a dedicated service 24 hours a day, every day of the year. This positively influenced the final decision to entrust the order to AB.



“ The collaboration with AB has become strong thanks to the solid foundations of its know-how and to its consolidated experience in the international cogeneration market, both for the volume of plants installed and for the quality of the service.



“ We were favorably impressed by the fact that only AB is able to follow the design, construction, installation and maintenance of a plant of this type directly and in full.

3,000+ online videos

Video content from around the world

A global community of sector key players

AB is the publisher of the NetZero Tube portal, which consists of three video channels: Biogas Channel, Biomethane RNG Channel and Cogeneration Channel

Through these web channels, AB promotes an international exchange of information and technical-scientific dialogue on natural gas and biogas cogeneration, biomethane, sustainability, energy efficiency and related topics.

A global library of AB's know-how, expertise, and innovation contained in three multimedia channels, available anytime, anywhere.

NetZero
tube

Biogas
channel

Biomethane
RNG channel

Cogeneration
channel

netzerotube.com

biogaschannel.com

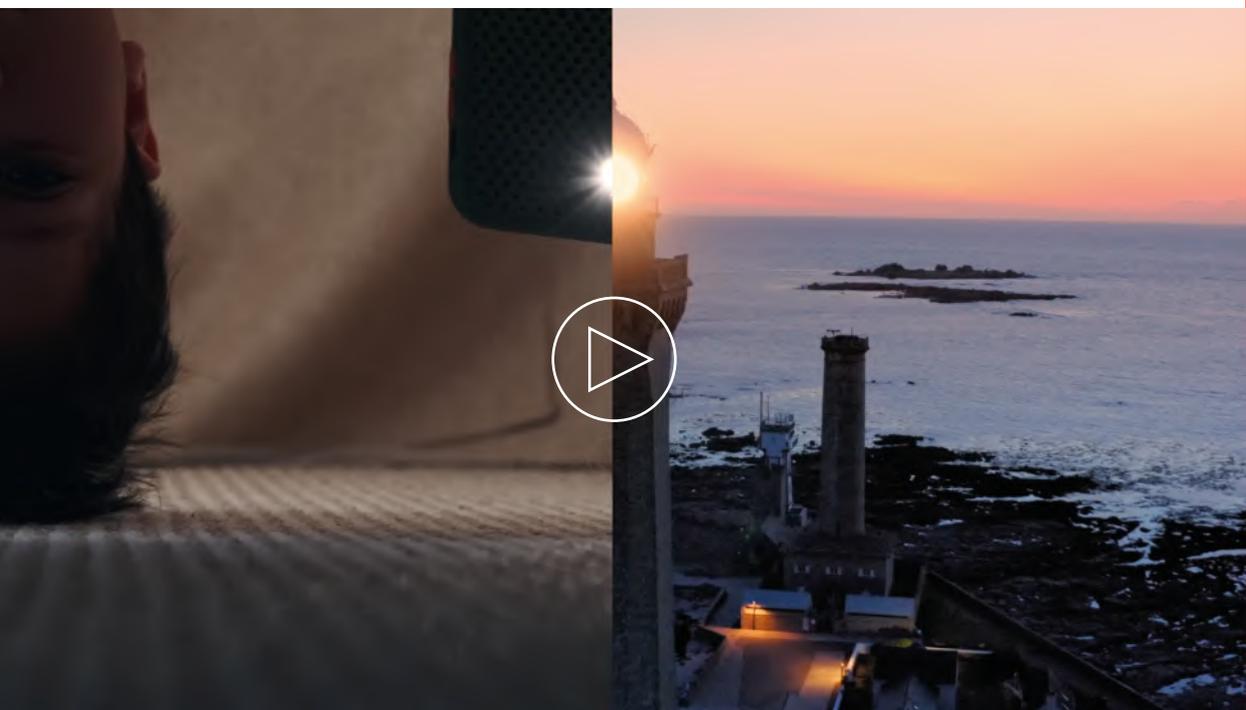
biomethanerngchannel.com

cogenerationchannel.com

A Better Way



watch
the video





gruppoab.com