

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

# Better Way

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



ABetter  
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.**



ABetter  
Way



**AB** is the acknowledged  
global reference for  
energy sustainability  
solutions.

ABOUT US

Cogeneration,  
biogas upgrading,  
biomethane and CO<sub>2</sub> 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.

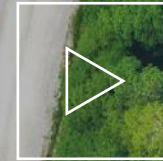




## customized solution

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

---

**1,300+** 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

10  
11



Trigeneration



Air emissions  
treatment →



Biogas  
cogeneration



CO<sub>2</sub>  
liquefaction







### MANUFACTURING

Natural gas cogeneration  
Trigeneration  
Air emissions treatment  
CO<sub>2</sub> liquefaction



### FOOD&BEVERAGE

Natural gas cogeneration  
Trigeneration  
Biogas cogeneration  
Biogas-to-biomethane upgrading  
and liquefaction  
Air emissions treatment  
CO<sub>2</sub> 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



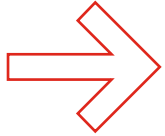
### GREENHOUSE

Natural gas cogeneration  
Air emissions treatment  
CO<sub>2</sub> liquefaction



### COMMERCIAL BUILDINGS

Natural gas cogeneration  
Trigeneration  
Air emissions treatment



## AGRICULTURE

Biogas cogeneration  
Biogas-to-biomethane upgrading and liquefaction  
Air emissions treatment  
CO<sub>2</sub> 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





A world map with a dark blue background and white landmasses. Countries where AB has branches are highlighted in solid red. These include the United States, Canada, Mexico, Argentina, Brazil, Australia, and several European countries including the United Kingdom, Ireland, Germany, France, Greece, Italy, Poland, Czech Republic, Romania, Bulgaria, Serbia, and Croatia. Small black triangles are placed on the red areas to indicate specific branch locations. The map is set against a background of a cloudy sky.

Argentina Australia  
Brazil Bulgaria  
Canada Croatia  
Czech Republic France  
Germany Greece  
Ireland 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 m<sup>2</sup> 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
- DeNOx SCR REACTOR
- CO<sub>2</sub> RECOVERY SYSTEM
- REGENERATIVE THERMAL  
OXIDIZERS (RTO)
- TREATMENT OF OILY MISTS
- TREATMENT OF COMPLEX  
EMISSIONS
- TREATMENT OF ODOR  
POLLUTION



# +1,950

plants designed  
and built

# +2,250MW\*

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.

57mln

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.

**FERRERO**

“ 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.

UNITED COLORS  
OF BENETTON.

“ 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.



A background image showing two hands, one from a darker-skinned person and one from a lighter-skinned person, gently holding a globe. The globe is partially obscured by the hands and the text. The background is a soft-focus landscape with tall grass and a blue sky.

# 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](https://netzerotube.com)

[biogaschannel.com](https://biogaschannel.com)

[biomethanerngchannel.com](https://biomethanerngchannel.com)

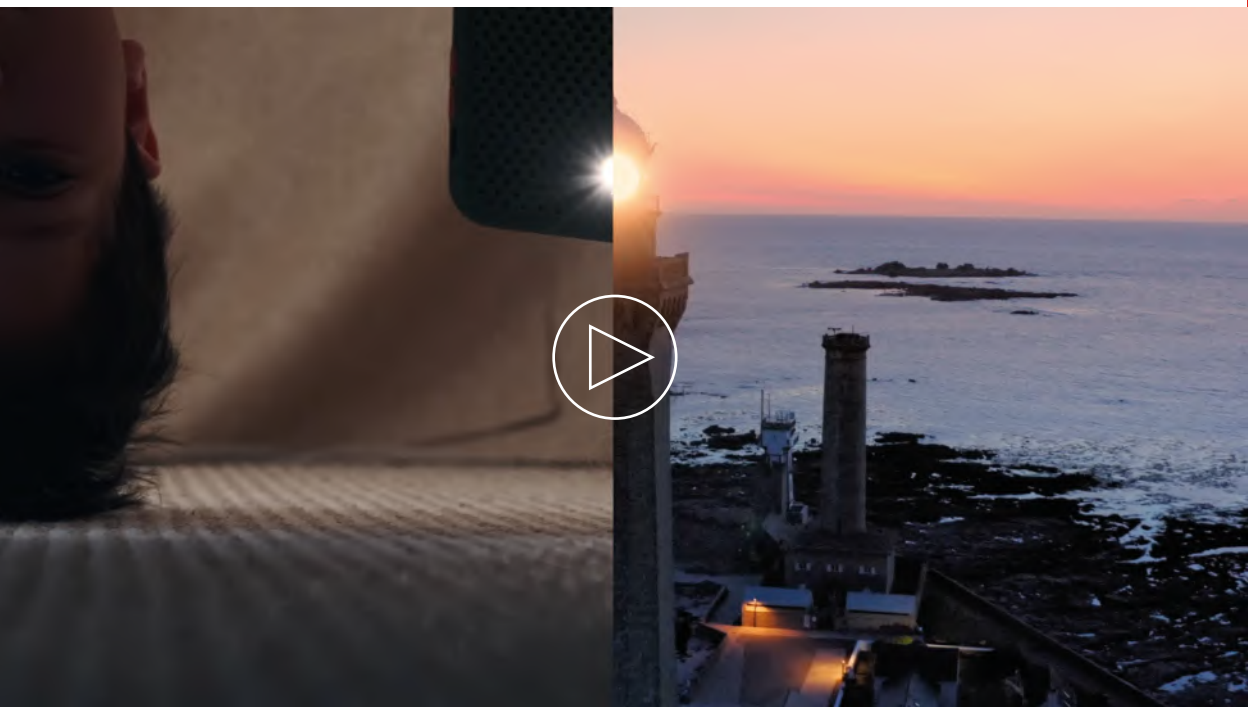
[cogenerationchannel.com](https://cogenerationchannel.com)



# ABetter Way



watch  
the video







[gruppoab.com](http://gruppoab.com)