No single technology is enough on its own.

Increasingly volatile energy prices, time slots with zero or negative prices, ever more stringent decarbonisation targets and ESG requirements. In this scenario, the traditional energy model is no longer enough.

Value doesn't come from any single technology, but from the ability to make them work together. Just like in an orchestra.

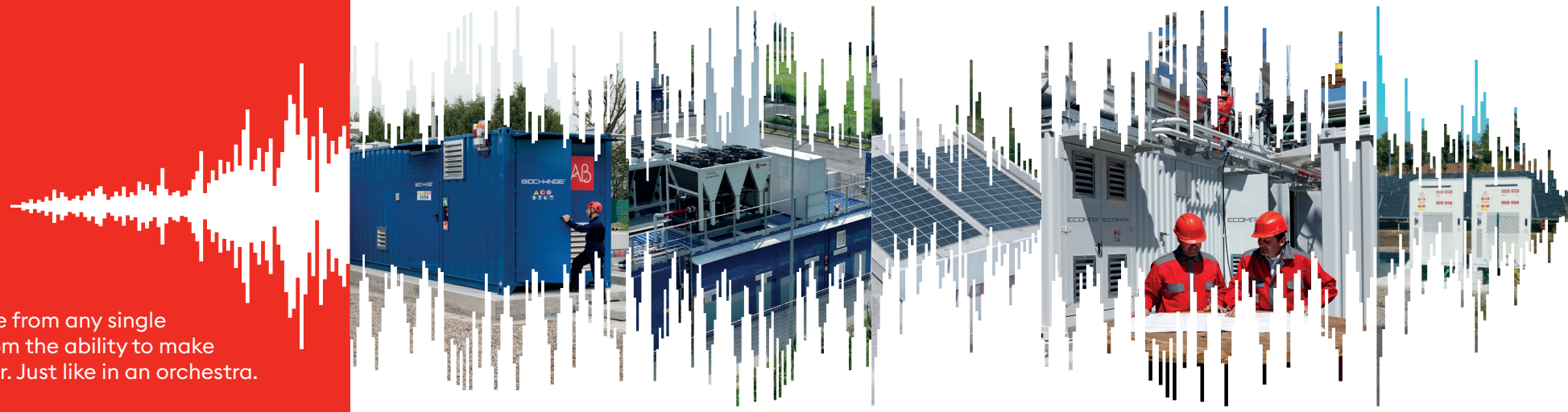
Technologies are the instruments. AB conducts the orchestra.

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ABetter Way

AB makes it sound better.

Together sounds better



Discover the energy system integrator →

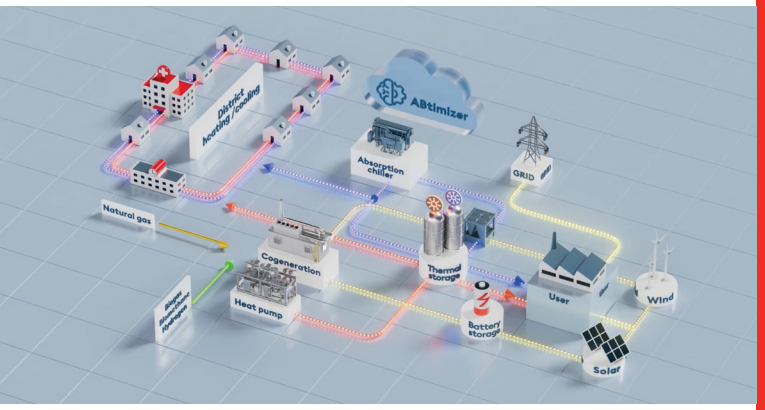
Discover ABtimizer →

The right energy mix, orchestrated by AB.

AB is the energy system integrator. We design, build and manage different technologies as a single system that plays in unison.

ABetter Way

The instruments we integrate



Every technology has its role. Together they generate more value.

- **Cogeneration**
- **Biogas upgrading**
- **Biomethane liquefaction**
- **CO_2 liquefaction**
- **Photovoltaics**
- **Battery energy storage systems**
- **Heat pumps**

ABtimizer, the conductor

The digital platform developed by AB that monitors, coordinates and optimises the entire energy ecosystem in real time.

HOW IT WORKS

1. **Listens**
   Continuously collects data on plants, consumption, energy prices and weather forecasts.
2. **Evaluates**
   Compares different scenarios, within technical and regulatory constraints.
3. **Conducts**
   Selects the most efficient and cost-effective configuration at all times.

AN EXAMPLE

When the sun is available, the CHP unit adapts to photovoltaic production, prioritising thermal needs.

When solar generation drops, cogeneration also contributes to electricity production.

Batteries store the energy produced during surplus periods, making it available when needed.

A single partner, from analysis to management

1. **We analyse** the site's energy needs
2. **We simulate** scenarios with ABtimizer
3. **We choose** the most suitable technology mix and demonstrate its economic return
4. **We build and manage** the ecosystem, optimising it over time

THE RESULT?

A system that sounds better.

- **More value from every kWh**
- **Lower energy costs**
- **Lower CO_2 emissions**
- **Greater flexibility and resilience**
- **Greater competitiveness**