

BRIDGING INNOVATION TO FULL-SCALE IMPACT PILOT & DEMOPLANTING

In the world of process engineering, pilot and demo plants are vital to bridging the gap between laboratory-scale testing and full-scale production. The smaller-scale facilities play a key role in reducing the uncertainties and risks associated with scaling up new technologies. They provide a controlled environment for experimentation and testing, making it possible to explore the feasibility of new processes and equipment in a cost-effective way.

At Brusche Process Technology, we share a passion for technology and a commitment to delivering sustainable solutions that meet your unique needs in the process industry.

We proudly serve a wide range of sectors, including:

- chemical industry;
- waste-to-energy sector;
- oil and gas industry;
- food and pharmaceutical industries;
- universities and research institutes.

Our expertise spans essential technologies, such as CO₂ capture and liquefaction, production of renewable chemicals and synthetic fuels like e-methanol.

Save time and resources

Our ability to offer end-to-end solutions -from design to implementation and maintenance- enables us to streamline processes, thus saving you valuable time and resources. By focusing on sustainability and efficiency, we help your organization achieve its goals while minimizing your impact on the environment.

Pilot plants

Brusche Process Technology designs and builds scalable pilot plants for a wide range of industries. Our team of highly skilled engineers and technicians take pride in turning innovative ideas into fully automated, safe pilot plants. These plants come equipped with advanced control and instrumentation systems, providing the precise data needed for comprehensive research evaluations.



From design to realisation

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Demonstration plants

Demoplants are designed to provide valuable insights into the feasibility, scalability and operational characteristics of new or existing technologies and processes. As the final step before full-scale market release, demoplants produce products in volumes sufficient for market testing.

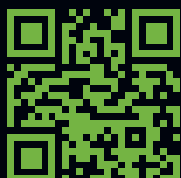
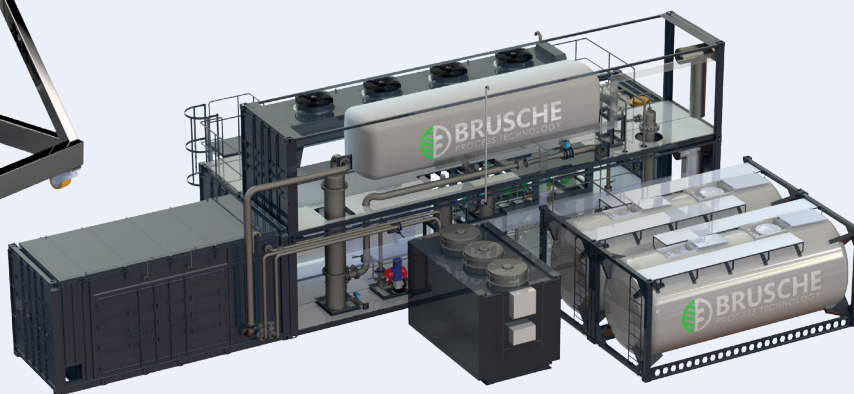
Our demonstration plants are:

- tailored to your objectives;
- fully scalable;
- skid-mounted for proper operation and maintenance;
- compliant with all industrial standards and specifications.

Let's work together to bring your innovations from concept to commercial reality—responsibly, efficiently, and sustainably. Reach out to explore how we can support your industry or process!

Our services encompass:

- project development;
- process engineering;
- mechanical engineering;
- electrical engineering and automation;
- realization and maintenance.



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 **BRUSCHE**
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