

NEFI NEW ENERGY
FOR INDUSTRY

klima+
energie
fonds

© Gettyimages/651163274

DEMO WORKSHOP

Austrian DC Pilot Factory showcases
innovative DC Grid Solutions

Date: July 1st, 2026

Location: Fillstraße 1, 4942 Gurten, Austria

REGISTRATION



DEMONSTRATION SITE



© FILL GmbH

PARTICIPATION IN THE DEMO WORKSHOP

The ADC Pilot Factory showcases solutions for a flexible and scalable low-voltage DC grid in a semi-industrial environment. Join us!

At the Austrian DC Pilot Factory, a machine tool and an industrial robot are connected as consumer within a DC microgrid. Renewable energy is provided by a photovoltaic system, while a bidirectional charging station, together with an electric vehicle, offers energy storage capability. When required, stored energy can be fed back into the DC microgrid. The factory's energy management system monitors, controls and optimises the overall energy flow.

KEY FACTS OF THE PROJECT

Project volume: € 1.7 million

Running time: 03/23 - 08/26



TECHNOLOGIES AND SERVICES DEPLOYED

Green Technologies for Industry

Grid technologies: LVDC, LVDC circuit breaker, protection network management, monitoring and micro-grid control multi-terminal systems

Large-scale storage technologies: Batteries & V2X Electric Vehicles

Generation technologies: PV

Energy market: Electricity market, Ancillary services

Automation: Management systems, Robotics