



PRESS RELEASE

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Design2Service Project

Project goals achieved - Design of 2 Technologies and Applications to Service by Solidpower

Brussels / Mezzolombardo, February 2019 - The Design2Service Project is a European Union Horizon 2020 project with the objective to simplify service procedures and reduce service effort for fuel cell-based micro-CHP and back-up power systems.

Solidpower has successfully installed four Bluegen BG 15 micro-CHP systems for field trials, in the frame of D2Service European project, to assess the improved serviceability of this generation of SOFC based co-generators.

The four units have been installed at the facilities of selected customers, having different electrical consumption profiles: an electrical material store, a building materials and furniture warehouse, a small-medium enterprise with an average yearly electrical consumption of 50 MWh and a football field dressing room.

The average operation time and energy production for a system are 9800 h and 11.85 MWh, respectively, so far. The units installed have shown ease of installation and good reliability. Indeed, most of the service operations have been performed by the customers with the remote assistance of Solidpower service personnel. Moreover, the Solidpower remote monitoring tool has allowed to remotely prevent issues and adequately plan the service operations.

The experimental data gathered from these field tests has allowed to assess the overall improvement of Solidpower Bluegen systems reliability and serviceability, showing that some service tasks can be performed by the final customer with relevant savings.

SOLIDpower GmbH
Bastian Kreusing
Borsigstr. 80
D-52525 Heinsberg
Germany
Tel: (02452) 15 37 66
Email: bastian.kreusing@solidpower.com
Internet: www.solidpower.com



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Images and captions



New Electric Store (Electric Materials Store)



MCH – Small medium enterprise with a yearly electrical energy consumption of 50000 kWh

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Giusto Gostoli (Building Materials and Furniture Warehouse)



Football field

Image: Solidpower



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Project: D2Service Project (<https://project-d2service.eu/>)

About SOLIDpower (www.solidpower.com)

The SOLIDpower Group is one of the world's leading manufacturers of solid oxide fuel cells (SOFCs) thanks to its high level of technical expertise and continuous innovation. As a leading innovator in the industry and the European market leader, the company has already sold more than 1,500 small-scale power generators for independent power generation following the launch of Bluegen. Based in Italy, Germany, Switzerland and Australia, and with a total of 230 employees, SOLIDpower is advancing its technical innovations to develop new markets in the USA and Asia.

About the FCH JU (www.fch.europa.eu)

The Fuel Cells and Hydrogen Joint Undertaking (FCH JU) is a public-private partnership supporting research, technical development and demonstration activities in fuel-cell and hydrogen energy technologies in Europe. Its aim is to accelerate the market introduction of these technologies, realising their potential as an instrument in achieving a carbon-clean energy system. The three members of FCH JU are the European Commission, the fuel-cell and hydrogen industry represented by Hydrogen Europe, and the research community represented by Hydrogen Europe Research.

More information at:

SOLIDpower GmbH

Bastian Kreusing

Tel.: (02452) 153 766

Email: bastian.kreusing@solidpower.com

Website: www.solidpower.com

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