



Pathway to a Competitive European
Fuel Cell micro-CHP Market

Fuel cells: easy and smooth installation

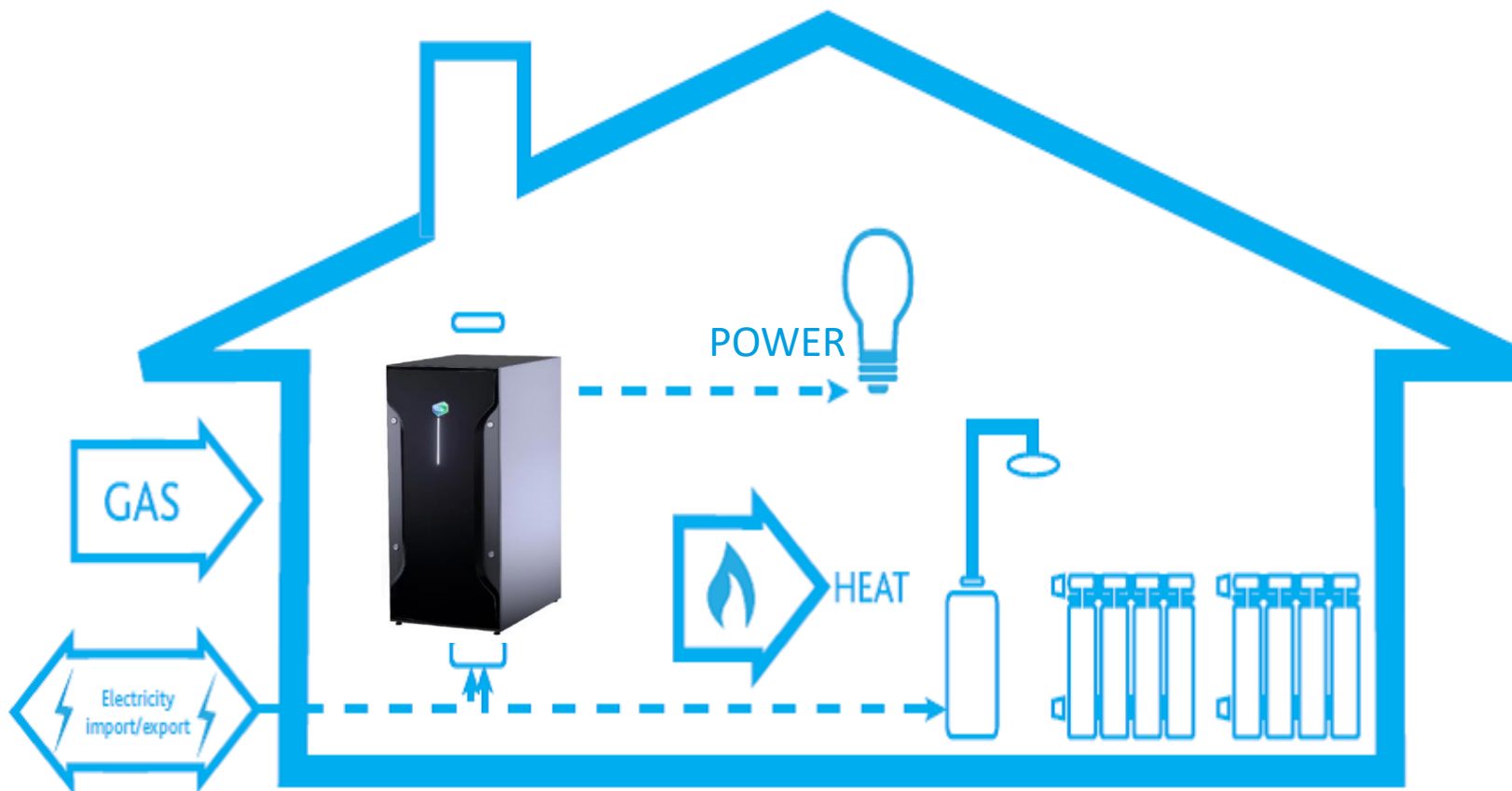
European-wide field trials for residential Fuel Cell micro-Cogeneration



PACE project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking under grant agreement No 700339.

This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme and Hydrogen Europe and Hydrogen Research.

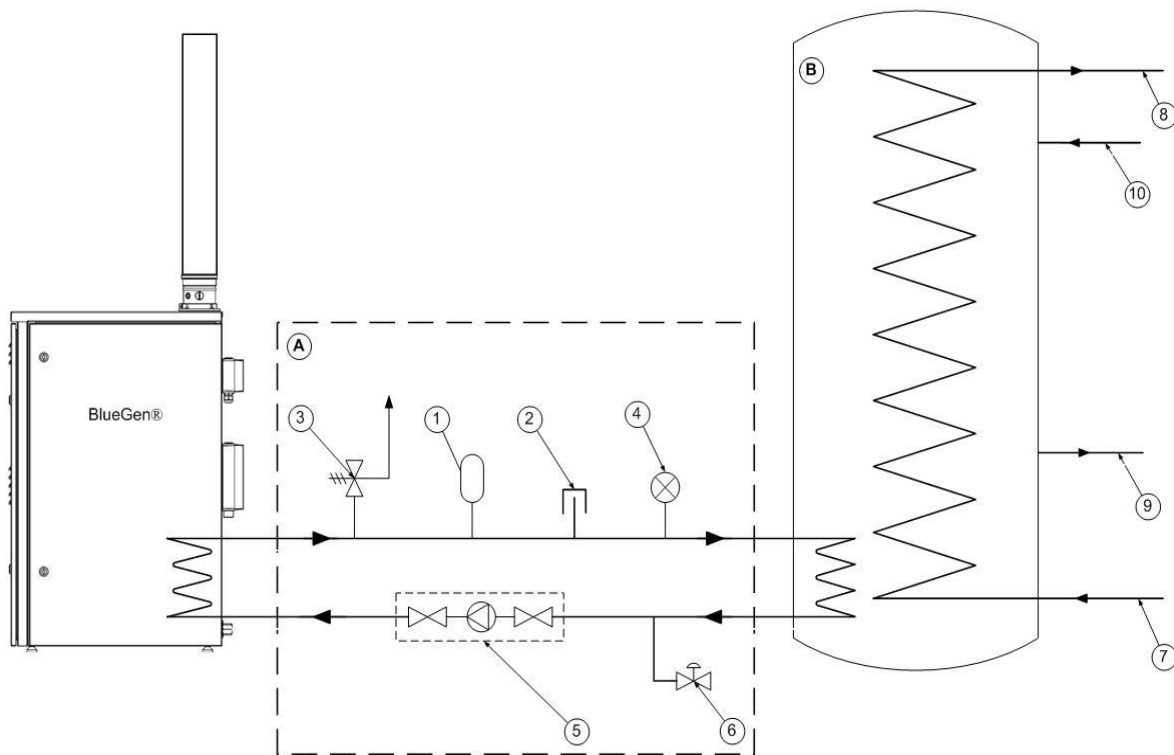
How to install Fuel Cell micro-CHP ?



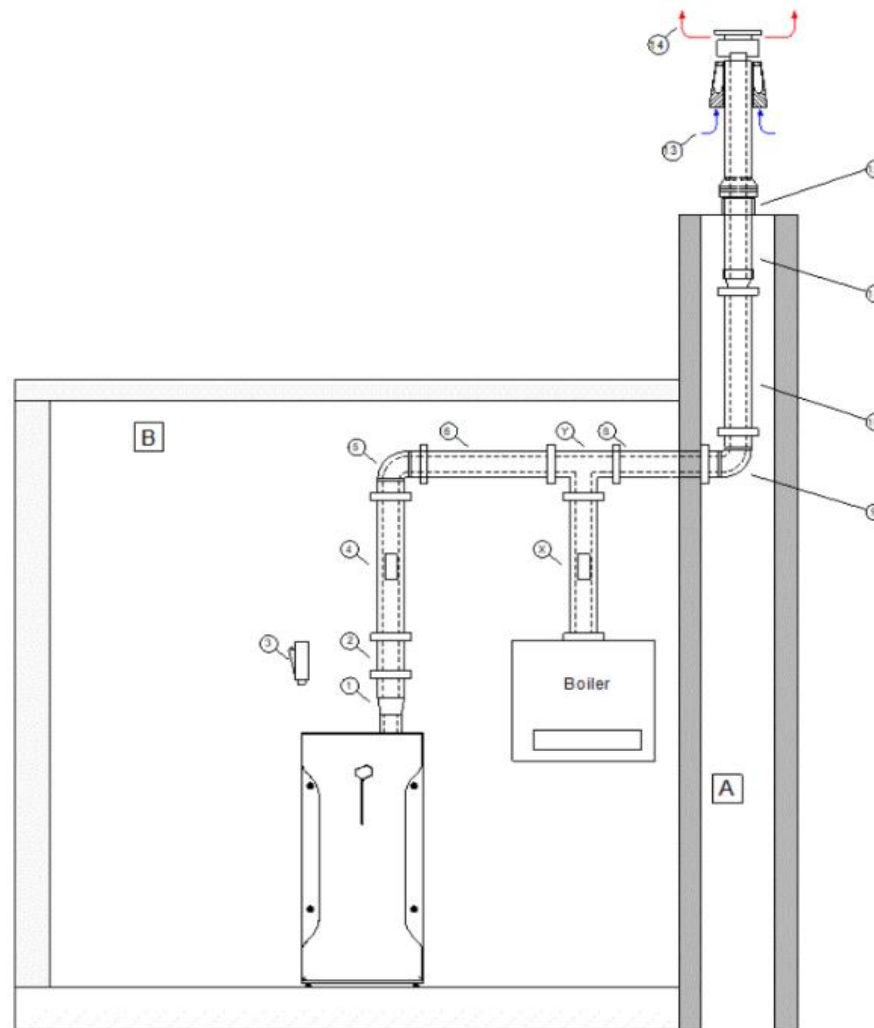
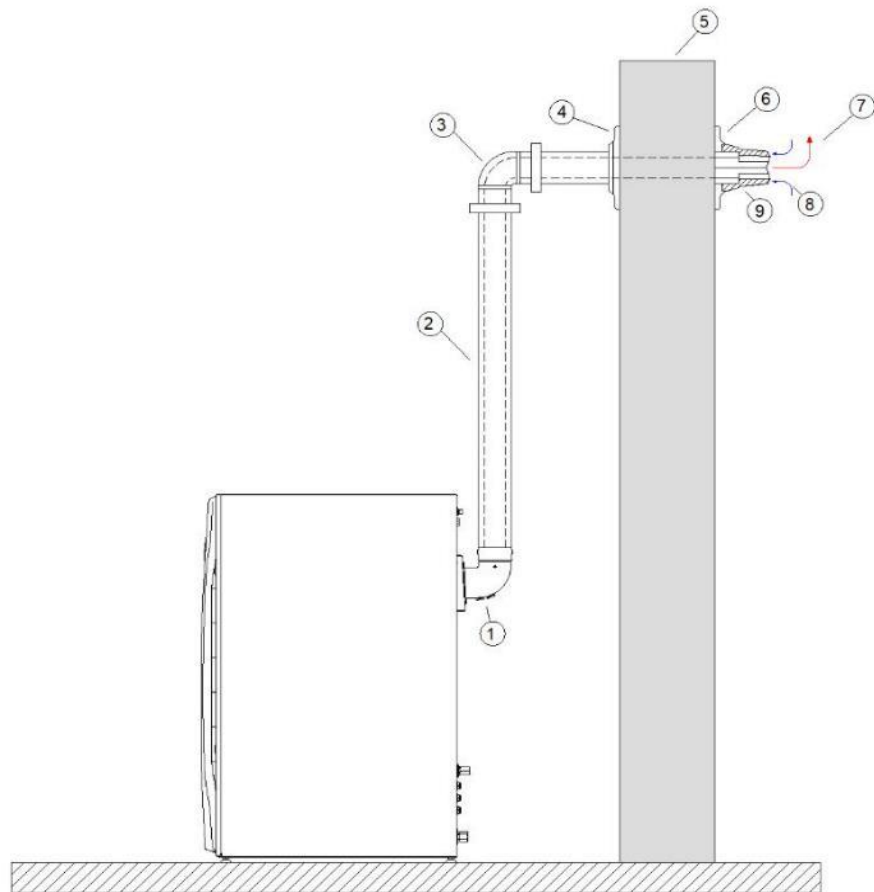
Installation prerequisites:

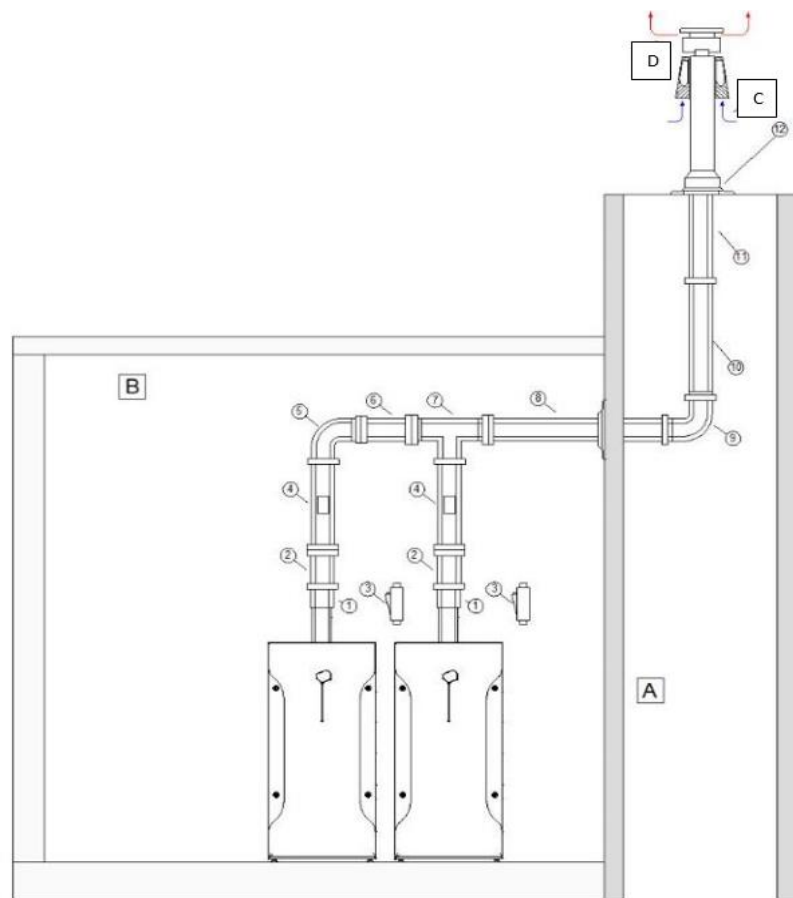
- Connection to the:
 - Gas-grid
 - Electricity grid
 - Water mains (some)
 - Internet
- Optional:
 - Domestic hot water / buffertank
 - Space-heating system integration
 - Heat-pump system integration

Easy installation



Easy installation, Flue-system





Easy installation, Cascading





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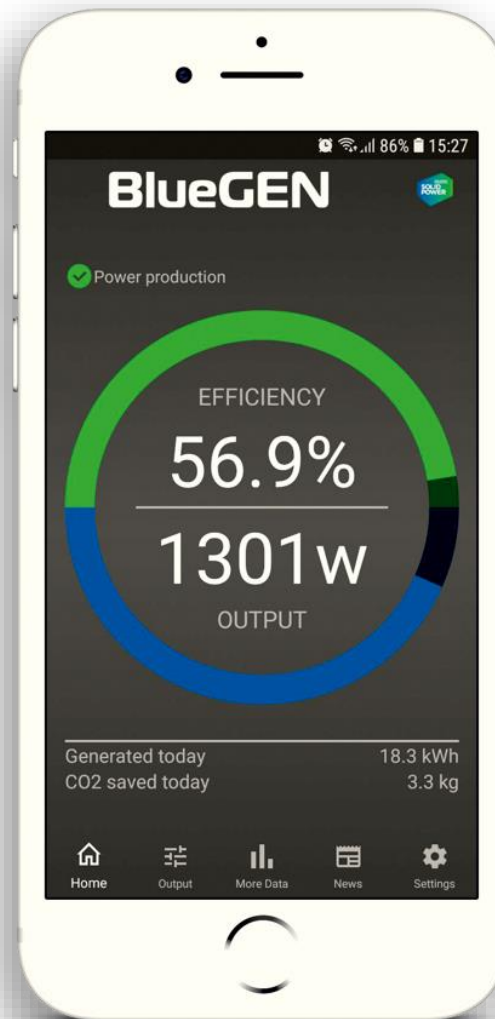
Control and full access to the extensive data:

- ✓ Electricity you are producing
- ✓ CO₂ emissions you have saved

- ✓ For iOS and Android
- ✓ HTML₅ responsive
- ✓ Security compliance (GDPR)
- ✓ Monitoring / power profiling

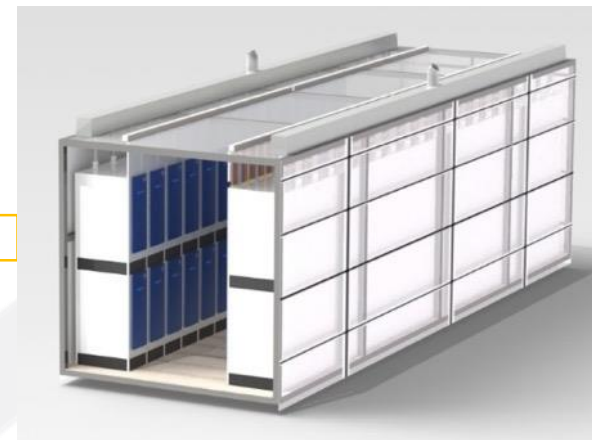
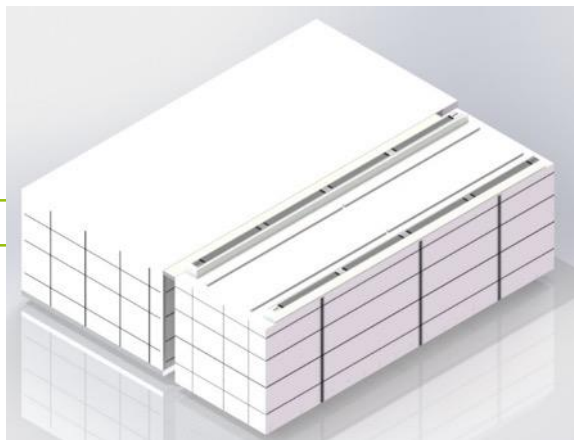


Easy monitoring and control



Larger power demand, multiple systems

Containerized solutions for data-centers



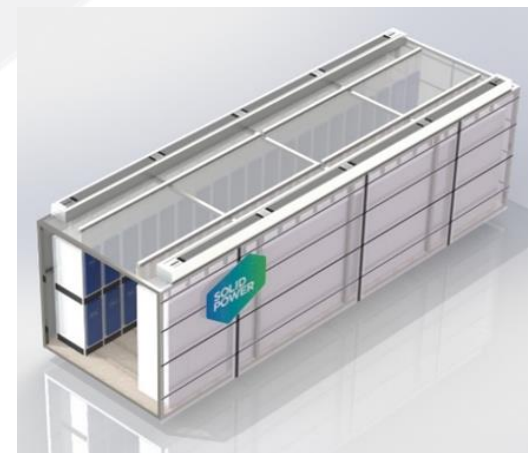
Modules up to 480 KW

Single 6 kW unit

- Input = low pressure gas
- Individual power generator
- DC (or AC)
- Load following



BG-60





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Thanks for your time !

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