



## ene.field German national workshop:

### Fuel cell micro-CHP empowering consumers to deliver the Energiewende

ISH Fair – Frankfurt  
Wednesday, 15 March

**Time:** 13:30 – 17:30  
**Venue:** Portalhaus, Room Transparenz 2, Messe Frankfurt Exhibition GmbH (Ludwig-Erhard-Anlage 1, 60327 Frankfurt am Main)  
**Registrations:** Please complete [this form](#) by 10<sup>th</sup> March  
**Workshop language:** German and English

Germany is at the forefront of fuel cell micro-CHP deployment in Europe, as industry and policymakers have worked together towards a favorable framework for these state-of-the-art energy solutions. With the latest policy developments in Germany - particularly the KfW 433 programme and the recast KWK-G – fuel cell micro-CHP products are uniquely positioned to deliver important benefits to energy consumers, while significantly contributing towards the Energiewende objectives. The momentum towards reaching mass commercialisation for these home energy solutions should continue with an ambitious implementation of the KfW433, facilitating the customers' access to these technologies and enabling the smart grid capabilities of micro-CHP systems.

In this context, the ene.field project partners are pleased to invite you to learn more about Fuel Cell micro-combined heat and power (FC mCHP), first-hand from the industry and policymakers. The aim of this workshop is to **inform participants of the ene.field project findings and of the potential of FC mCHP solutions for enabling energy transition in Germany**. This is the fifth of a series of national workshops that will present project findings in different markets across Europe. The **ene.field workshop will be held as part of the ISH Fair** – The World's Leading Trade Fair for The Bathroom Experience, Building Services, Energy, Air Conditioning Technology and Renewable Energies. Ideas and inputs will be collected from the audience (local policy-makers, academics, industries, DSO, ESCOs, utilities, operators and end-users), with a view to address the challenges for a deployment of fuel cell micro-CHP technologies in Germany.

A number of European manufacturers has now reached the point where the technical challenges of residential FC mCHP are resolved in small field trials and there is already some progress on scaling up towards mass manufacture with large deployment projects, such as Callux (Germany), ene.field and more recently PACE (EU). The last two, co-funded by the **Fuel Cell and Hydrogen Joint Undertaking (FCH JU)**, have embarked on an ambitious programme to install and monitor thousands of FC mCHP units under different climate conditions throughout Europe. The industry is committed to deliver the FC mCHP products to consumers, while cutting down costs and aiming for even higher electrical and total efficiency for their products. For the successful FC mCHP market entry, however, industry efforts need to be complemented by high level political commitment. Addressing administrative and other non-economic barriers is key to encourage the adoption of such innovative energy solutions.

#### Participation & Registrations

Attendance to the workshop is free. To register, please complete [this form](#) by Friday, 10<sup>th</sup> March COB. For any questions you may contact Janos Vajda ([janos.vajda@cogeneurope.eu](mailto:janos.vajda@cogeneurope.eu)). Upon registration to the ene.field workshop, participants will be granted free access to the ISH Fair on the day of the workshop. For tickets to the ISH Fair on previous or following days, [please visit the ISH website](#).



## WORKSHOP PROGRAMME

Wednesday, 15 March

Messe Frankfurt

- 13:30 – 14:00 Welcome coffee and registration
- 14:00 – 14:15 Fuel Cell micro-CHP within Europe's Strategy for energy and climate  
**Mirela Atanasiu, Head of Operations and Communication, FCH JU**
- 14:15 – 14:30 Fuel Cell micro-CHP deployment in Germany: barriers and opportunities  
**Erik Schumacher, Head of Stationary Fuel Cells, NOW GmbH**
- 14:30 – 14:50 ene.field and PACE projects: findings and overview  
**Fiona Riddoch, Project Coordinator of ene.field, COGEN Europe**
- 14:50 – 15:10 Coffee break
- 15:10 – 15:30 m-CHP gets a new sight – Blue electricity and blue heat  
**Heinz Ullrich Brosziewski, Vice-President, B.KWK**
- 15:30 – 15:50 Operational performance of fuel cells for residential use  
**Uwe Dietze, Project Manager New Technologies, Innogy SE**
- 15:50 – 16:10 Fuel Cell micro-CHP – the industry's perspective  
**Alexander Dauensteiner, Spokesperson, IBZ**
- 16:10 – 16:30 Coffee break
- 16:30 – 17:20 Making the most out of the KfW433: Implementing the German framework for the deployment of fuel cell micro-CHP – panel discussion  
**Moderated by Tilman Wilhelm, Head Communication and Knowledge Management, NOW GmbH**
- **Mirela Atanasiu, FCH JU**
  - **Heinz Ullrich Brosziewski, B.KWK**
  - **Alexander Dauensteiner, IBZ**
  - **Erik Schumacher, NOW**
  - **Julian Stengel, SenerTec**
  - **Doris Wittneben, MVV Energie**
- 17:20 – 17:30 Conclusions  
**Tilman Wilhelm, Head Communication and Knowledge Management, NOW GmbH**



### About ene.field

The ene.field project is the largest European demonstration project of the latest smart energy solution for private homes, micro-CHP. It will see up to 1,000 households across Europe able to experience the benefits of this new energy solution. The five-year project uses modern fuel cell technology to produce heat and electricity in households and empowers them in their electricity and heat choices.

The ene.field project is co-funded by the Fuel Cells and Hydrogen Joint Undertaking (FCH JU) and brings together 27 partners, including 10 European manufacturers who will make the products available across 11 European countries.

### The ene.field partners are:

