

PRESS RELEASE
6th September 2013

ene.field - the smart energy solution
**The ene.field project successfully installs its two first
micro fuel cell-based combined heat and power units**

Today the two first micro fuel cell-based combined heat and power (FC-CHP) units have been officially installed in Germany (Homburg and Munich) by the ene.field project partners BAXI INNOTECH GmbH and Elcore GmbH.

These units are the firsts of around 1,000 micro FC-CHP units that will be installed throughout the project period. They will be actively monitored in dwellings across a range of European countries. The outcome will provide the project team with a valuable, practical and up-to-date dataset on domestic energy consumption and micro-CHP applicability across Europe.

By extending the learning from the practical implications of installing, operating and supporting a fleet of fuel cells in houses throughout a larger number of European countries and dealing with the variety of European real world customers, ene.field seeks to demonstrate the environmental and economic imperative of micro FC-CHP and lay the foundations for an improved market exploitation in the near future.

“The ene.field project provides great support to increase the number of systems operating in European homes. The data collected in the households will serve to generate a comprehensive report on the potential of fuel cells in Europe. In a typical household, the Elcore 2400 can save up to 40% of primary energy and at the same time significantly reduce energy costs “, said Dr. Manfred Stefener, Elcore CEO.

“Energy has become a valuable resource. Our fuel cell heating appliance Gamma Premio ensures that it is managed as efficiently as possible. This needs-based type of on-the-spot heat and energy provision is considered highly efficient and has a total efficiency of 96 per cent. Compared with all other known heating technologies it performs significantly better,” said Guido Gummert, Managing Director of BAXI INNOTECH.

The ene.field project is co-funded by the European Commission's Fuel Cells and Hydrogen Joint Undertaking ([FCH-JU](http://www.fch-ju.eu)), and brings together 26 partners, among whom are the 9 European manufactures that will make the products available across 12 EU Member States

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For more information, visit www.enefield.eu or contact info@enefield.eu



BAXI INNOTECH, the Homburg Munciple Works and family Bossler are backing fuel cells for heat and power generation in the home: Wolfgang Ast, Managing Director of the Homburg Municipal Works, Friedrich and Julia Bossler and Guido Gummert, Managing Director of BAXI INNOTECH (from left to right)



Installation of the Elcore 2400 system at family Aberl: Jörg Schröter, Schröter Haustechnik (left), Martin Eichelbröner, Elcore GmbH (right) and family Aberl represented by their last born son.

The ene.field partners are:



The ene.field project is the largest European demonstration 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.

Co-funded by the European Commission's [Fuel Cells and Hydrogen Joint Undertaking \(FCH-JU\)](#), ene.field brings together 26 partners, among whom are the 9 European manufactures which will make the products available across 12 EU Member States. At the moment Austria, Belgium, Denmark, France, Germany, Luxembourg, Ireland, Italy, the Netherlands, Slovenia, Spain and United Kingdom are targeted. Information on the progress of the project is available on www.enefield.eu