PRESS RELEASE

Greater energy efficiency and less CO_2 with the fuel cell heating unit in single family houses

Ready for the cellar, last test for the market: Baxi Innotech's first pilot production run

Frankfurt, 10 March 2009.
At the ISH 2009, the leading world trade fair for energy and heating technology, Hamburg-based Baxi Innotech is presenting decisive development results for its fuel cell heating unit. With the GAMMA 1.0, the first pilot production series is on the starting blocks in preparation for its market launch. Tomorrow at the Baxi Innotech press conference the unit will be officially presented to the public.

From the classical boiler to the technology of the future
Martyn Coffey, CEO of the parent company, the Baxi Group, and Guido Gummert, Managing Director of Baxi Innotech, will be outlining the future significance of this new development. As Mr Coffey said, *"the BAXI Group analysed the heating equipment market in great detail back in 2001. We see combined heat and power generation, the simultaneous generation of electricity and heat, as the most efficient solution for responsibly confronting changes in climate and energy policy."* He added, *"this will have a tangible influence on our product development policy – as a progression away from classical boilers to a complete system-oriented management strategy."* The GAMMA 1.0 will be demonstrating just how important fuel cell technology is in this process. For Guido Gummert, the mechanical engineer, this year's ISH has a special significance: *"We are presenting a unit to the public that now has some extremely practical features in terms of its performance, measurements and weight. The Gamma 1.0 is the sum of a six-year cooperation with suppliers, utility companies and specialist fitters that has resulted in a mature design plan in its form and in its technology."*

Callux: Clear steps to the market launch

The Callux Project in September 2008 set the market introduction of stationary fuel cell technology for heating equipment on course. In this project the German Federal Government and the industry are together backing an efficient new technology that promises considerable savings in CO_2 output. More than 80 million Euros, half of which come from the industry's own funds and half from state subsidies, flow step-by-step into the development of these projects for the market. As a result energy suppliers and manufacturers will be achieving meaningful results from 800 test units in the field by the end of 2012. In Germany alone, there is a potential requirement for up to 250,000 fuel cell heating units in single family houses that can in future be provided with energy-saving, environmentally-compatible heat and electricity with this technology. Baxi Innotech is already a long way ahead in meeting environmental demands. As Guido Gummert puts it, *"our design plan for the fuel cell stack shows significantly higher performance levels that will in future provide 20,000 hours of operation."* He goes on to say that, *"in this way we will be providing an excellent*

complement to traditional heating technology – one that is significantly more efficient and more in tune with the environment."

PRESS PHOTO 1_ish2009, caption:
PP, description: "BI_Gumm_GAMMA 1.0"

PP, caption: Guido Gummert with GAMMA 1.0
Representing the change in heating industry: Guido Gummert, Managing Director of Baxi Innotech, presents GAMMA 1.0, the first pilot production run of his fuel cell heating unit for detached houses.

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