

**For Immediate Release:**  
**Electric Car Makers To Benefit from Global Heating Technologies GmbH  
(GHT) Advanced Heating System Designs  
Battery Energy Spared for Propulsion**

Cincinnati, Ohio, USA, February 10, 2012 – In view of the transparent fit of GHT's catalytic technology to battery and vehicle thermal maintenance, the company announced today its new designs for these applications. An increasing number of electric car makers\* are resorting to on board fuel combustion systems for enhancing the performance of batteries and spare their energy for propulsion and increased driving range.

Integrated with an absorption chiller, a GHT bio-fuel powered heating system can also facilitate cooling of an electric motor and its power electronics, and provide full climate control for the cabin—without drawing down the batteries.

GHT's systems are flameless and, in some designs, silent in the production of heat. Using bio-alcohols, exhaust gas is free from sulfur, heavy metals and nitrogen oxides, comprising only CO<sub>2</sub> and water vapor.

In bio-diesel fueled vehicles, GHT's systems are capable of utilizing the propulsion fuel directly, if desired, efficiently to provide all of the climate control functions without starting the engine.

GHT's non-electric climate control technology has numerous additional applications in trucks, buses, boats, cargo shipments and their conveyance vehicles, in military, and RV's.

“The emergence of demand for fuel-powered climate control and battery maintenance functions in electric vehicles opens a new commercial vista for GHT's green energy products. We are excited by the prospect of participating in a new era of more sustainable vehicles,” said Giampaolo Vacca, Chairman of GHT. “The combined markets for sales of equipment and fuel cartridges are immense,” he added.

\*As an example, Volvo: <http://www.energyboom.com/transportation/volvo-electric-vehicles-get-bio-ethanol-powered-heaters>

**About Global Heating Technologies, GmbH**

GHT is a privately held Swiss developer, manufacturer, and licensor of high performance, environmentally friendly alternative energy products and system solutions.

The company's flameless catalytic alternative energy products have shown unique simplicity and effectiveness in heating applications, and in heat driven processes also producing chilling and/or electricity. GHT's scope of heat-driven applications also comprises enhancing the efficiency of fuel cells and batteries, and driving thermoelectric units in hybrid heating/cooling/electric systems.

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