

Project Information

Subject **HiPerLoCo - Development of High Performance and Low-Cost PEM Fuel Cells**

Applicant **ZBT GmbH, Zentrum für BrennstoffzellenTechnik**

Project Duration: 1.12.2009 - 31.12.2012

Project Partner: **NRC-IFCI (National Research Council Canada - Institute for Fuel Cell Innovation)**

Contact: **ZBT GmbH, Division fuel cells and systems**
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Project description:

Goal of this project is the development of a „high-performance“ fuel cell stack with regard to mass production technologies. The project focus is technology development for system components and operational performance in the 5–10 kW range. Of particular interest are mobile power applications with battery hybrid technologies.

ZBT will work closely with the NRC-IFCI (National Research Council Canada - Institute for Fuel Cell Innovation), a leading fuel cell research center in Vancouver, Canada. The international cooperation aims to exchange materials and scientists, and to enhance knowledge in a variety of technologies and processes. The project will in parallel develop NRW as a focal point for the North American fuel cell sector. The technical and scientific exchange will be boosted through the involvement of companies in the NRW region, to create and consolidate jobs in research and industry.



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