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## Art Meets Science in New Fuel Cell Demonstration Project

### Emily Carr University of Art + Design and the National Research Council Partner to Create an Industrial Design Advantage for BC's Clean Energy Sector

**Vancouver, BC** | Emily Carr University of Art + Design and the National Institute for Fuel Cell Innovation (NRC-IFCI) have teamed up for a technology demonstration project that harnesses the clean power of hydrogen and fuel cells in a sustainably designed visitor kiosk. The kiosk will be located in the Hydrogen and Fuel Cell Gateway technology demonstration and exhibit centre of NRC-IFCI's LEED Gold certified building on the University of British Columbia's south campus.

"We lead the country in the contributions we make to research in studio-based art, design and media," says Emily Carr President + Vice-Chancellor, Dr. Ron Burnett. "We're excited by this project, and look forward to additional partnerships with NRC-IFCI that showcase our University's applied research efforts."

Working closely with NRC researchers and technology experts, Emily Carr industrial design student Stephanie Vacher conceived of a kiosk design that could be constructed using sustainable and locally sourced materials such as FSC-certified plywood and recycled aluminum. The design team was rounded out by communication design graduate student Defne Corbacioglu, who ensured the kiosk designs, UPS system, displays and signage fit within the overall design scheme of the Gateway. A 1kW fuel cell designed by the Burnaby, BC-based Ballard Power Systems for an uninterruptable power supply (UPS) system, developed by Dantherm Power, will provide 120VAC power to NRC-IFCI's new visitor sign-in kiosk.

"As part of Canada's premier research organization, NRC-IFCI supports Canadian leadership developing and integrating fuel cells into clean energy systems by addressing industry-defined R&D and commercialization priorities," says Maja Veljkovic, Director General, NRC-IFCI. "Emily Carr's research in sustainable design complements these same priorities."

A public presentation of the project will take place, Friday, March 19, 2010 at 2pm in Room 285D, North Building.

**ABOUT NRC-IFCI**

NRC-IFCI is powering the future through partnerships that support Canada's growing fuel cell and hydrogen industry through innovation and cluster-building. Working with Canadian universities, government agencies and companies, they research, develop and test new hydrogen and fuel cell systems.

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