

HANNOVER FAIR 2006 (24. bis 28. April 2006)

“Canadian Know-How in 50% of all Fuel Cell Prototype Vehicles”

Exclusive Statement from Canada’s Ambassador to Germany, Paul Dubois, about the Group Exhibit Hydrogen + Fuel Cells at the HANNOVER FAIR 2006, April 24-28



More international than ever before, The Group Exhibit Hydrogen + Fuel Cells will be taking place at the HANNOVER FAIR 2006, April 24-28. Over 100 exhibitors from 30 nations—9 more nations than last year—will present their newest developments and products in Hall 13, booth F 78. Among the many internationals present—the USA, Australia, Japan, Singapore, Dubai, South Africa, Pakistan, Argentina, India and even the island nation of Samoa—the north American country of Canada is well represented. Reason enough for the Canadian Ambassador in Germany, Paul Dubois, to give his

personal statement to our Newsletter:

“As the Canadian Ambassador to Germany, it is a great pleasure to see the many Canadian companies who, through their participation at the Group Exhibit Hydrogen + Fuel Cells, will be building many valuable, international contacts in the field of hydrogen and fuel cells. Firms like Astris Energy Inc., Fuel Cell Technology Ltd., and Hydrogenics are just a few of those who will be exhibiting in Hall 13, stand F78, of the HANNOVER FAIR 2006, April 24-28.

I am especially proud of the fact that of the 12 winning Hydrogen Ambassador Teams, three of them are from Canada: *Holubowicz Institute for Advanced Studies* in Burnaby, British Columbia, *University of Waterloo, Department of Chemical Engineering*, Ontario, and the company *Elemental Fuel and Power* in Toronto, Ontario. At the Group Exhibit Hydrogen + Fuel Cells, all three teams will present their newest concepts for the innovative application of fuel cells.



Canada is among the leading nations when it comes to the development of fuel cells and the applications of stationary, mobile and portable systems. The Canadian H₂/FC branch has grown substantially in the past few years. The research and development field represents a project size of \$290 million. The number of patents submitted by Canadian companies grew 34% in only one year. Our output into the industry increased to 40%.

Canada has the ability to deliver 50% of the industry’s yield, but the USA, Germany and Japan represent very important markets as well. Our companies and organizations profit from the worldwide demand for Canadian expertise. The Canadian industry is involved in 262 international projects, and Canadian know-how and technique can be found in 50% of all fuel cell prototype vehicles.

A strong international orientation combined with the present research potential in Canada is part of our strategy in commercializing the results of our research. A few Canadian firms have already established themselves in Germany and are working together closely with German research centers.

For Canada its important to establish solid foundations of scientific-technological collaboration between ourselves and other countries. Just in the recent past, North Rhine-Westphalia and British Columbia signed a contract of cooperation. Their goal is increased teamwork within the field of energy, specifically in the hydrogen and fuel cell sector.

The Canadian hydrogen and fuel cell branch is involved in all areas of the value-added chain: materials, components, stacks, test equipment, hydrogen production and storage, safety technique, system integration, and technical and financial services.

I would like to mention two very important national projects in Canada: the *Hydrogen Highway*, which we plan to have ready by the 2010 Olympic Winter Games in Vancouver, and the *Hydrogen Village* near Toronto, which will demonstrate a future community that obtains its energy nearly entirely from hydrogen and fuel cells.

We are convinced that the commercialization of hydrogen and fuel cell technology offers vast economic and ecological opportunities. I would therefore like to invite your readers to visit Canada at the Group Exhibit Hydrogen + Fuel Cells.”