



CANADA A GLOBAL LEADER IN HYDROGEN FUELING INFRASTRUCTURE

Canadian companies have demonstrated that a hydrogen infrastructure to support the wide scale commercialization of fuel cell vehicles is both economically viable and logistically feasible. With the arrival of commercially-available FCVs in Canada, the US, Asia and Europe, **Canadian firms are leading the way** with their unparalleled expertise in building the necessary fueling infrastructure to support the development of FCVs.



HTEC HYDROGEN TECHNOLOGY AND ENERGY CORP. > www.htec.ca

HTEC is a leading developer and provider of hydrogen supply solutions, including the design and installation of retail hydrogen refueling stations. The company's focus is on the following four hydrogen and fuel cell vehicle market development services:

- > Technical Services
- > Hydrogen Production & Process Facilities
- > Hydrogen Distribution Solutions - HTEC PowerCube
- > Hydrogen Retail Fueling Stations

HTEC is building networks of retail hydrogen dispensers at existing gas stations that will provide 3-4 minute fills and pay at the pump convenience.

- > **Canadian hydrogen and fuel cells are making emissions-free transportation a reality**



HYDROGEN AND
FUEL CELLS

Bringing leadership and innovative solutions to the world.

EXAMPLES OF INNOVATIVE COMPANIES INCLUDE:



HYDROGENICS CORPORATION > hydrogenics.com

Hydrogenics is the world's leading supplier of hydrogen fuel cell power systems and electrolyzers for on-site hydrogen generation with over 1,900 sites worldwide. The combination of experience and a constant drive to improve has made Hydrogenics' HySTAT® water electrolyzers the winning choice for a wide range of industrial applications, hydrogen fueling stations and renewable energy storage and conversion systems.

The HySTAT fueling station is a turnkey solution, which comes fully interconnected, automated and is easy to install. The process is quiet, reliable and safe; and it provides zero emission fuel from production to consumption, eliminating the dependency on carbon fuels. Hydrogenics has supplied hydrogen fueling equipment to more than 50 public and private fueling stations across the globe.



IRDI SYSTEM INC. > www.irdisystem.com

IRDI System Inc. manufactures infrared communication equipment in hydrogen enriched environments for hydrogen fueling stations. IRDI's equipment serves the fuel cell industry and meets the gas filling requirement per the Society of Automobile Engineering SAE J2799/J2601 standard and they possess certification expertise around the world including across North America, Europe and Japan.

HYDROGEN IN MOTION (H2M) > www.hydrogeninmotion.com

Hydrogen In Motion (H2M) develops innovative mobile hydrogen storage tanks for hydrogen fuel cell vehicles and equipment. H2M has engineered a proprietary nanomaterial that selectively attracts hydrogen under ambient temperature and low pressure, providing twice the hydrogen in the same volume at half the cost. H2M hydrogen storage containers can be shaped to meet the requirements of any application.

MORE FIRMS WITH HYDROGEN FUELING INFRASTRUCTURE EXPERTISE:

- > **Advanced Flow Systems**
www.advancedflowsystems.com
- > **Associated Plastics & Supply Corp**
www.associatedplastics.com
- > **Aurora Scientific Corp**
www.aurorascicorp.com
- > **Change Energy Services Inc**
www.changeenergy.ca
- > **Hydra Energy Corp**
hydraenergy.com
- > **Hydrogen In Motion Inc. (H2M)**
www.hydrogeninmotion.com
- > **IRDI System**
www.irdisystem.com
- > **Kraus Global Ltd. | Dispensing Solutions**
krausglobal.com
- > **Newflyer**
www.newflyer.com
- > **Nu:ionic Technologies**
www.nuionic.com



THE CANADIAN HYDROGEN AND FUEL CELL ASSOCIATION

For more information about innovative Canadian hydrogen and fuel cells companies please visit
> www.chfca.ca

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