

[Honda Used Vehicles](#)

6-Year/120,000km warranty, 7 days/ 1000km exchange & 100pt Honda.ca

[Solar's Breakout Market](#)

Next-Generation Solar Technology Your Portfolio Can't Do GreenChipStocks.com/solarprt

Ads by Yahoo!

[Buy Cars in USA and Save Thousands](#)

We sell US cars in Canada featuring Hyundai and Mitsubishi www.canadiancarsdirect.com

HOME | Electric | Hybrid | Fuel Cells | Subscriptions



SEARCH: GO

news | feature

Zine Directory

- More Feature Stories
- More Headlines
- Insider Commentaries
- EV Forums
- Owner Journals
- Guest Blogs
- Book List
- Critical Links
- Premium Subscribe
- Premium Login
- PDF Library
- Opinion Polls
- Web Links
- Syndicated
- RSS/XML Feed
- Photo Archive
- Audio Files
- 3D Jigsaw Puzzles
- Crossword Puzzle
- Events Calendar
- Energy Prices/Stocks
- Metric Converter
- Manage Email Subscription
- Advertising/Media Kit

HOME | NEWS | PRESS RELEASE

Canadian University Students Develop Hydrogen Fuel Chevy Equinox

Source: University of Waterloo [May 01, 2008]

SYNOPSIS: University of Waterloo team converted stock Chevrolet Equinox to run on electricity generated by hydrogen fuel cell as part of GM's Challenge X competition.

TORONTO — A team of students from the University of Waterloo (UW) unveiled its innovative emission-free hydrogen fuel-cell vehicle as part of the final year of Challenge X, a multi-year North American competition to develop sustainable transportation solutions.

The Alternative Fuels Team at UW showcased its green vehicle in the Direct Energy Centre at Exhibition Place in Toronto. The team's cutting-edge technology has allowed UW to be the first university in the world to successfully build a hydrogen fuel-cell vehicle that produces no emissions, only water. Visitors at Exhibition Place spent the day riding in — and in some cases driving — the team's vehicle.

"This is a major achievement for these students and innovators who demonstrated that they have the abilities to deliver practical solutions to climate change," said Gary Goodyear, Member of Parliament for Cambridge-Ontario, on behalf of the Honourable Gary Lunn, Minister of Natural Resources. "Our Government congratulates the Waterloo team on their innovative technologies to reduce emissions and provide cleaner air for Canadians, and we wish them luck in the competition."

A top contender in the Challenge X competition, UW is the only Canadian University chosen to compete in the competition between 17 teams in North America. During the design phase, UW's detailed vehicle design process won eight of ten award categories and earned the team first place overall. Since then, the UW team has been working hard to integrate its ambitious design into a stock Chevrolet Equinox.

"This exciting project developed by our students will help keep Canada at the forefront of the automotive industry," says Adel Sedra, Dean of Engineering. "We are proud of these students' remarkable accomplishments and wish the team well at the Challenge X competition."

advertiser

www.5starshine.com google Ads by Google

Platinum Sponsors



Corporate Sponsorship Info

advertiser



TOOLS

Email Document

Cookie Bypass

FREE EMAIL NEWSLETTER

Enter your email address to subscribe to our weekly newsletter. Please verify its accuracy before submitting.

SUBSCRIBE NOW



GO



Hydrogen Fuel Cell

Shell's creative approach to solving global energy challenges.

www.shell.com/realenergy

Run Your Car on Hydrogen?

Double Your Car's Gas Mileage Using Water! Now on SALE - Only \$49

SuperFuelEngine.vip-offers.info

Use Water On Your Car

Run Your Car On Water Now Save Money From Using Fuel As Water

usingwaterforengine.com

Do It Yourself Fuel Cells

Build Fuel Cells Right At Home. Get Your Free Video Download Here!

HydrogenFuelCellEnergySystem.ca

"Hydrogen Fuel Cell"

Easy Instructions Show You How To Convert Auto To Run On Water - \$49

RunYourCarWithWater.com/Hydro

Major sponsors of the UW team include Natural Resources Canada, Hydrogenics, General Motors, the U.S. Department of Energy, the Government of Ontario, Air Liquide and Marathon Technical Services.

In May, the UW team will travel to New Jersey, New York, Baltimore and Washington, D.C., to showcase their vehicle alongside those of the other 16 teams. This two-week event marks the conclusion of the four-year competition. All teams will compete in more than a dozen static and dynamic evaluations, including tests for towing capacity, acceleration, off-road performance, greenhouse gas impact, fuel economy (well to wheels), emissions, consumer acceptability and marketing and outreach. Teams are also required to give oral presentations and submit a technical paper.

"We have built one of Canada's first passenger hydrogen fuel-cell vehicles and are very keen to see how our vehicle and our technology performs and compares," says James Goh, Business Director of the UW team. "For us, the real value of this competition has been the first-hand exposure to some of the most groundbreaking vehicle technologies being developed to solve the challenges of tomorrow. But of course, we are also in it to win."

The Challenge X competition will help the next generation of engineers develop a greater awareness of automotive technologies for the 21st century. This will help ensure North American technology remains competitive on the global stage. The competition also highlights the importance and effectiveness of uniting industry, government and academia to tackle some of the most challenging problems we are facing today.



Related News Stories

- [Silicon Nanotubes Show Promise for Hydrogen Storage](#) -- 22 Apr 2008
- [Prodrive Develops New Fuel Cell ECU](#) -- 22 Apr 2008
- [NanoCubes Show Promise in Improving Fuel Cells](#) -- 18 Apr 2008
- [Proton, Karmann to Develop Fuel Cell Hybrid Truck](#) -- 17 Apr 2008
- [Matsushita to Launch Fuel Cell Co-Gen for Homes in 2009](#) -- 16 Apr 2008

HYBRID FINDER

In cooperation with Dealix.com

Article Views: 191 << [Previous News Item](#) [Next News Item](#) >>

Reader Comments

[Click to Add Your Comments](#)

0 comments so far...

Report Abuses to [EV World's Editor](#)

[Chevy Equinox](#)

Check Out Chevy Equinox Solutions From A Trusted Source.

[Chevrolet Uplander](#)

Check out these valuable Chevrolet Uplander resources



Fair Use Notice

This site contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available in our efforts to advance understanding of environmental, political, human rights, economic, democracy, scientific, and social justice issues, etc. We believe this constitutes a 'fair use' of any such copyrighted material as provided for in section 107 of the US Copyright Law. In accordance with Title 17 U.S.C. Section 107, the material on this site is distributed without profit to those who have expressed a prior interest in receiving the included information for research and educational purposes. For more information go to: <http://www.law.cornell.edu/uscode/17/107.shtml>. If you wish to use copyrighted material from this site for purposes of your own that go beyond 'fair use', you must obtain permission from the copyright owner.

[Home](#) | [About/Contacts](#) | [Advertising](#) | [MEDIA KIT](#) | [Privacy](#) | [Submissions](#) | [Subscriber FAQ](#)

Copyright 1998-2008, EVWorld.com, Inc. All rights reserved.

Non-subscriber content on EV World may be freely distributed with the only stipulation being that EV World be credited and a link is provided back to the site.
Some portions of this website require a \$29.00US annual subscription.

EVWorld.com, Inc. - P.O. Box 461132 - Papillion, Nebraska 68046 USA. Direct all correspondence to editor@eworld.com