

Hybrid Energy Announces Revolutionary Hydrogen Fuel Cell Technology and Green Ambassador Vehicle Demonstration Program

GUELPH, ON, CANADA, November 12, 2021 /EINPresswire.com/ -- Canadian innovator Hybrid Energy Inc. has produced a hydrogen fuel cell-focused technology which leverages the advantages of battery-electric vehicles while eliminating the downfalls of the battery's size and weight and its impractically long recharge times. By merging the advantages of fuel cell technology and battery power into a hybrid power source, the group is leading the evolution into a new economically and environmentally advantageous standard for transportation.

The founders of Hybrid Energy met when collaborating on the development of advanced electronic motor controllers for battery-electric vehicles for a wide variety of both on- and off-road uses. The successful establishment of that technology inspired patent-pending work on this further evolution, which incorporates hydrogen fuel cells into those same vehicle drive trains.

"We had recognized earlier that the world was going through an evolution to emission-free vehicles," says Richard Hughes, PEng, President of Hybrid Energy. "It became a natural next step to then take the advantages of batteries, combine them with the advantages of fuel cells, and realize a hybrid approach that would maximize the combination of the two. Hybrid Energy's hybrid technology allows for the shrinking of battery size and cost through the addition of modestly sized, fast-fueling hydrogen fuel cells."

Hybrid Energy made a big announcement at the Hydrogen Business Council's Hydrogen Impact 2021 Conference today, November 12: the expansion of their "Green Ambassador" Vehicle Demonstration Program. Having recently completed the validation phase for two Fuel Cell – Battery Hybrid Vehicles, an On-Road Small Car and an Off-Road ATV, the company is now accepting applications for the next round of "Green Ambassador" Demonstration Vehicles for On-Road and Off-Road applications. Hybrid Energy is expecting the next round of Fuel Cell Demonstration Vehicles to include, amongst others: School buses, Terminal tractors, Outdoor scissors and booms, Construction and agricultural equipment, Airport apron equipment, and Underground mining vehicles.

Hybrid Energy's technology combines two powerful concepts into one, setting the standard for a less expensive technology that offers extended run-times, reduced refueling times, reduced battery size, weight & cost, and regenerative braking, all with performance to spare. The technology has wide-ranging applicability with opportunities for on- and off-road vehicles as well

as industrial and utility vehicles, aerial work platforms, underground equipment, off-grid power generation, and more.

About Hybrid Energy:

Hybrid Energy is introducing the world to hydrogen fuel cells by combining them with battery power. The company's technology meets the world's dire need to end the production of combustion, exhaust-heavy engines and replaces them with electrically powered vehicles that are both emission-free and cost-effective. To learn more, visit [hybrid-energy.com](https://www.hybrid-energy.com).

Media Contacts:

Emina Jakupović
info@hybrid-energy.com

Kerry MacMullin
kerry@hybrid-energy.com

Kerry MacMullin
Hybrid Energy Inc.
+1 416-454-5650

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