



## FUNDING OPPORTUNITIES

### Rapid Innovation Fund

The Rapid Innovation Fund (RIF) provides a collaborative vehicle for small businesses to provide the Department of Defence (DOD) with innovative technologies that can be rapidly inserted into acquisition programs that meet specific defense needs. RIF is administered by the Office of the Secretary of Defense (OSD) Assistant Secretary of Defense for Research and Engineering (ASD R&E) and Office of Small Business Programs (OSBP).

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### State Energy Program 2016 Competitive Awards (DE-FOA-0001415)

The U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy's (EERE's) State Energy Program (SEP) seeks applications to advance policies, programs, and market strategies that accelerate job creation, reduce energy consumption, and help achieve energy and climate security for the nation.

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### Solid Oxide Fuel Cell Innovative Concepts and Core Technology (DE-FOA-0001469)

The U.S DOE has released a funding opportunity announcement (FOA) to support the development of solid oxide fuel cell (SOFC) core technology and innovative concepts.

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### Fiscal Year (FY) 2016 Vehicle Technologies Program Wide Funding Opportunity (DE-FOA-0001384)

The U.S DOE has released a FOA to support a broad portfolio of advanced highway transportation technologies that reduce petroleum consumption

## WHAT'S GOING ON

### NEESC Offers Free Tickets to Attend Hannover Messe Trade Show

Will you be attending the Hannover Messe Trade Show? Use this [link](#) to register for free administration tickets. Be sure to stop by the booth around C 38/1 to meet hydrogen and fuel cell supply chain companies from the Northeast United States.

### Plug Power Hosts New York Senator Charles E. Schumer at Manufacturing Facility to Perform Plug Power's One Millionth GenFuel Refueling

Plug Power Inc. hosted New York Senator Charles E. Schumer at the Plug Power headquarters where he performed the one millionth hydrogen refueling from a GenFuel dispenser into a GenDrive fuel cell unit. Senator Schumer spoke to Plug Power employees, reinforcing his continued support for hydrogen and fuel cell technology.

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### New Milford Clean Energy Proposed by Massachusetts Company

A Framingham, Mass., renewable energy company has its eye on 300 acres in New Milford. Ameresco wants to establish a solar array and a fuel-cell facility that would produce electric power to sell on the power grid and directly to the town.

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### US Battery Consortium Funds US \$1M Recycling Development

US Advanced Battery Consortium (USABC), a collaborative organization of Fiat Chrysler Automobiles (FCA) North America, Ford and General Motors, has awarded a US \$1M contract to Worcester Polytechnic Institute (WPI) in Massachusetts, for development of its lithium-ion battery recycling process to produce plug-in hybrid electric vehicle (PHEV) battery cells made with recovered cathode material.

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### Sustainable Innovations Featured in 2016 NASA Spinoff for Advanced Hydrogen Separation Technology

Sustainable Innovations' H2RENEW™ system was recently featured in NASA Spinoff, an annual publication that features a number of NASA technologies that have transformed into commercial products and services. The H2RENEW™ is an electrochemical system that efficiently separates and compresses hydrogen using Proton Exchange Membrane (PEM) technology for many industrial applications, including hydrogen-helium separation, hydrogen compression, and hydrogen recycling.

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and greenhouse gas emission, while meeting or exceeding vehicle performance and cost expectations.

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#### UPCOMING WEBINARS

[DetecTape - A localized visual detector for hydrogen leaks](#) - March 14, 2016 | Noon EST

[Hannover Messe: Five Trade Shows in One](#) - Dept. of Commerce; March 16, 2016 - 11:00 AM EST

[Fuel Cells for Telecom \(Renewable H2\)](#) - March 17, 2016 | 2:00 PM - 3:00 PM EST

#### UPCOMING EVENTS

[NY BEST - Capture the Energy Annual Conference and Meeting](#) - March 9-10, 2016

[Hannover Messe - Group Exhibit Hydrogen + Fuel Cells + Batteries](#) - April 25-29, 2016

[Alternative Clean Transportation](#) - May 2-5, 2016

[2016 New England Energy Conference and Exposition](#) - May 10-11, 2016

[ASME Power & Energy Conference & Exhibition](#) - June 26 - 30, 2016

[The U.S. DOE's 2016 Annual Merit Review and Peer Evaluation Meeting \(AMR\)](#) - June 6–10, 2016

#### COSIA Partners Contract Pre-FEED for Oilsands Fuel Cell Carbon Capture System

FuelCell Energy has announced a contract with Cenovus Energy to complete the preliminary front-end design and engineering for a fuel cell system to capture CO<sub>2</sub> from flue gas at a University of Calgary facility. The contract is part of a COSIA Joint Industry Project (JIP) led by Cenovus on behalf of partners Alberta Innovates-Energy Environment Solutions, Devon Canada and Shell Canada.

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#### Energy Department Announces \$1 Million H<sub>2</sub> Refuel H-Prize Competition Finalist

The Energy Department is announcing SimpleFuel as the finalist for the \$1 million H<sub>2</sub> Refuel H-Prize Competition. SimpleFuel plans to develop a home scale refueler that can provide a 1-kilogram fill to vehicles in 15 minutes at 700 bar using hydrogen produced via electrolysis, with a design that minimizes setback distances and reduces the physical footprint of the system. SimpleFuel is a collaboration of three companies: Ivys Energy Solutions (Massachusetts), McPhy Energy N.A. (Massachusetts), and PDC Machines (Pennsylvania).

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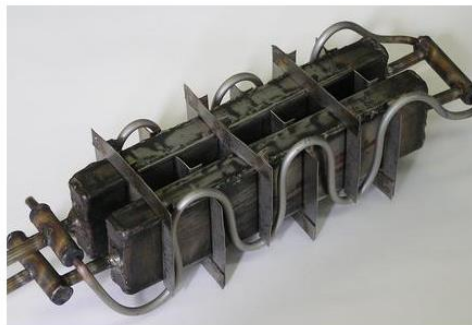
#### Anglo America platinum invests \$4 million into fuel cell electric vehicle value chain

Anglo American Platinum has announced that it is investing \$4 million to help reduce the delivered costs of hydrogen and support the development of hydrogen refueling stations for fuel cell electric vehicles (FCEVs) in the northeast corridor of the United States. The investment in United Hydrogen Group (UHG), is aimed at bolstering the demand for platinum, which is used in FCEVs.

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#### FEATURED COMPANY

NOVOROCS Technologies specializes in custom catalytic reforming solutions and systems for the energy and petrochemical industries. Specific areas of product development expertise include reformers for fuel cells, fuel processors for conversion of flare gas (associated petroleum gas) to natural gas, and reformers for engine-out NO<sub>x</sub> reduction in biogenic fuel powerd generators. In addition to building hardware, NOVOROCS delivers added-value services to its customers, including custom catalyst design, system integration, and performance testing. Visit [www.novorocs.com](http://www.novorocs.com) or contact [Arkady Malakhov](#) for more information.



**NOVOROCS Technologies**

Catalytic Reforming Solutions

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