



FUNDING OPPORTUNITIES

InnovateMass Program announces grant funding and technical support

The InnovateMass Program provides up to \$150,000 in grant funding and technical support to applicant teams deploying new clean energy technologies, or innovative combinations of existing technologies with a strong potential for commercialization.

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RFI: DE-FOA-0001555

The Department of Energy's (DOE) Fuel Cell Technologies Office (FCTO) has issued a Request for Information (RFI) to solicit feedback from stakeholders regarding the construction and benefits of a National Hydrogen Technology Showcase and Training station (HyTeST).

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RFI: DE-FOA-0001600

DOE has issued a RFI to set technology targets for fuel cell electric trucks (FCET). These targets will help drive early markets for medium and heavy duty (MD/HD) trucks which utilize hydrogen fuel cell technology.

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Innovation Action Program (IAP)

NEESC seeks applications from businesses in the hydrogen/fuel cell and energy storage industry for services that capture private financing or federal funding research and/or new product development and facilitate the commercialization of emerging technologies.

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2016 Vehicle Technologies Multi-Topic Funding Opportunity (DE-FOA-0001535)

Focus: accelerate the adoption of light, medium, and heavy duty vehicles that operate on fuels such as biodiesel, electricity, E85, hydrogen,

WHAT'S GOING ON

PCI New Technology for Converting Solar Energy to Fuel Wins DOE SBIR Phase I Grant

Precision Combustion, Inc. (PCI) announced today that it has won a competitive Department of Energy (DOE) SBIR Phase I grant to develop a new material and technology for using solar energy to make fuel.

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Energy Department Announces \$13 Million to Advance Fuel Cell Performance and Durability and Hydrogen Storage Technologies

The DOE announced more than \$13 million in funding for the advancement of hydrogen and fuel cell technologies. These selected projects, which includes UTRC's project to develop more durable cell electrodes to lower the cost and improve the performance of polymer electrolyte membrane fuel cells, will leverage industry, university and laboratory expertise to accelerate American innovation in advanced hydrogen storage and fuel cell performance and durability.

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2016 Department of Energy's Hydrogen and Fuel Cell Annual Merit Review Proceedings Available

The Annual Merit Review and Peer Evaluation Meeting was held June 6-10, 2016, in Washington, D.C.

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Sustainable Innovations Wins NASA Phase II SBIR Contract to Purify Scarce Helium Used in Rocket Launch

Sustainable Innovations received a contract from NASA to supply a commercial-scale system to recycle helium, a resource that is in scarce supply. Ongoing rocket test operations at NASA Stennis Space Center (SSC) results in valuable helium gas being vented to the atmosphere, in addition to the substantial quantity of hydrogen gas that is flared upon completion of a rocket test cycle. The price of helium has increased substantially in recent years, along with the interest in finding an efficient and economical method of helium recovery.

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Plug Power and HyGear Partner to Provide Reformer Technology to Global Fuel Cell Users

Plug Power Inc., and HyGear, a supplier of cost-effective industrial gases, announced they are partnering to supply HyGear's hydrogen generation technology to Plug Power fuel cell customers globally. The first deployments are scheduled to be installed in the fourth quarter of 2016 at a new site for one of Plug Power's existing customers.

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DOE Announces \$16 Million for 54 Projects to Help

natural gas, and propane.

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UPCOMING WEBINARS

[Hydrogen and Fuel Cells for Resiliency: Secure and Sustainable Energy for Commercial/Residential Buildings](#) - July 28, 2016: 2:00 PM – 3:00 PM ET

[H2 @ Scale – A Potential Opportunity](#) - July 28 from 12:00 PM to 1:00 PM ET

UPCOMING EVENTS

[SBIR Road Tour](#) - Dates Vary By Region - Summer 2016

[2016 Sustainable Transportation Summit](#), July 11-12, 2016

[2016 DOE Energy Exchange - Providence, Rhode Island](#), August 9-11, 2016

[AltWheels Fleet Day](#) - September 19, 2016

[NY BEST Energy Storage Technology Conference](#) - October 20, 2016

Commercialize Promising Energy Technologies: Technology Commercialization Fund Will Support 12 National Labs and 52 Private Sector Partners

The U.S. Department of Energy (DOE) announced nearly \$16 million in funding to help businesses move promising energy technologies, including fuel cells, from DOE's National Laboratories to the marketplace. This first Department-wide round of funding through the Technology Commercialization Fund (TCF) will support 54 projects at 12 national labs involving 52 private-sector partners. Acumentrics was one of the awarded companies for cooperative development of NETL electrode engineering process for SOFC commercialization.

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Grow Her Business: A Resource for Start-up to Scale-up

The National Women's Business Council has featured the Northeast Electrochemical Energy Storage Cluster as an industry cluster resource on their new website: [Grow Her Business: A Resource for Start-up to Scale-up](#). The new website serves as an easy-to-use platform that functions as a data repository for premier resources for growth-oriented women business owners on how to create, launch, and grow a business.

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Interested in "Pitching" at the 2016 Boston CleanTech Finance Forum (September 2016)? [Contact Alex Barton](#) for more information.

FEATURED COMPANY

New York based Bess-Tech LLC is a lithium-ion component design and engineering company, delivering design solutions to battery manufacturers and assemblers. Bess-Tech's silicon-based nanoengineered anode technology for lithium ion battery systems provides 4 times the energy capacity of carbon anodes, charging rates as low as 6 minutes, and a lifetime of over 1000 cycles. Bess-Tech's manufacturing process cuts anode costs more than 50% because it eliminates the use of carbon, binders, solvents, solvent recovery systems, drying systems and calendaring tooling. Contact [Fernando Gómez-Baquero](#) or visit [bess-tech.com](#) for more information on how Bess-tech can assist your organization in producing more price competitive batteries that charge faster, have longer times between charging, increased lifetimes, and decreased weight.



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