

Notice of Intent No. DE-FOA-0001243

(amended November 25, 2014, to remove all eligibility restrictions under DE-FOA-0001213)

**Notice of Intent to Issue
Funding Opportunity Announcement No. DE-FOA-0001213**

The Office of Energy Efficiency and Renewable Energy (EERE) intends to issue, on behalf of the Vehicle Technologies Office (VTO), a Funding Opportunity Announcement (FOA) titled “FY 2015 Vehicle Technologies Office Incubator”.

This FOA supports DOE’s VTO which develops and deploys efficient and environmentally friendly highway transportation technologies that will enable America to use less petroleum. These technologies will provide Americans with greater freedom of mobility and energy security, while lowering costs and reducing impacts on the environment. For example, the EV Everywhere Grand Challenge requires dramatic improvements in plug-in electric vehicle (PEV) performance and cost that are specified as technical targets and “stretch goals” for key technical areas of plug-in electric vehicles. These are detailed in the EV Everywhere Blueprint document, posted on the [VTO website](#). Other specific technology and technical goals can be found in supporting roadmaps and plans such as the Office's Multiyear Program Plan; U.S. DRIVE Partnership Plan; 21st Century Truck Roadmap and Technical White Papers; and other plans and roadmaps listed under the “information resources” and “[plans and roadmaps](#)” section of our website. VTO has a significant R&D portfolio for many different technology areas. See the “[key activities](#)” section of our website to learn more about these existing areas, including details about current projects, roadmaps, targets, and annual reports.

The Vehicle Technologies Incubator FOA will fund approaches and solutions that are not currently represented in the Office’s Multi-Year Program Plan and/or existing project portfolio in a meaningful or significant way. This FOA will seek to support next-generation technologies, solutions, and approaches to facilitate identification and on-ramping of highly promising emerging approaches into VTO’s Multi-Year Program Plans and program portfolios. Upon completion, these projects should represent new pathways, research directions, or market impacts for key technologies and concepts in the context of vehicles and transportation.

It is anticipated that the FOA will be open to any and all impactful ideas which significantly advance the mission of the VTO. This Vehicle Technologies Incubator FOA is seeking applications that would bring to market a novel, non-incremental technology that facilitates one or more of the overall VTO goals.

Specific Areas that are not of Interest

- Commercial hardware technologies, products, and solutions;
- Incremental improvements to existing technologies, products, or solutions;
- Solutions, approaches, or technologies similar to those already being investigated under current or recent DOE projects; and

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- Technologies that are not based on sound scientific principles (e.g., violates the law of thermodynamics).

EERE envisions awarding multiple financial assistance awards in the form of cooperative agreements. The estimated period of performance for each award will be approximately 12 – 36 months.

This Notice is issued so that interested parties are aware of the EERE's intention to issue this FOA in the near term. All of the information contained in this Notice is subject to change. EERE will not respond to questions concerning this Notice. Once the FOA has been released, EERE will provide an avenue for potential Applicants to submit questions.

EERE plans to issue the FOA on or about December 2014 via the EERE Exchange website (<https://eere-exchange.energy.gov/>). If Applicants wish to receive official notifications and information from EERE regarding this FOA, they should register in EERE Exchange. When the FOA is released, applications will be accepted only through EERE Exchange.

In anticipation of the FOA being released, Applicants are advised to complete the following steps, which are **required** for application submission:

- Register and create an account in EERE Exchange at <https://eere-exchange.energy.gov/>. This account will allow the user to register for any open EERE FOAs that are currently in EERE Exchange. It is recommended that each organization or business unit, whether acting as a team or a single entity, use only one account as the contact point for each submission.

Questions related to the registration process and use of the EERE Exchange website should be submitted to: EERE-ExchangeSupport@hq.doe.gov.

- Obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number (including the plus 4 extension, if applicable) at <http://fedgov.dnb.com/webform>.
- Register with the System for Award Management (SAM) at <https://www.sam.gov>. Designating an Electronic Business Point of Contact (EBiz POC) and obtaining a special password called an MPIN are important steps in SAM registration. Please update your SAM registration annually.
- Register in FedConnect at <https://www.fedconnect.net/>. To create an organization account, your organization's SAM MPIN is required. For more information about the SAM MPIN or other registration requirements, review the FedConnect Ready, Set, Go! Guide at https://www.fedconnect.net/FedConnect/PublicPages/FedConnect_Ready_Set_Go.pdf.
- Register in Grants.gov to receive automatic updates when Amendments to a FOA are posted. However, please note that applications will not be accepted through Grants.gov - <http://www.grants.gov/>. All applications must be submitted through EERE Exchange.

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