



Solar energy research and development fonafote

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On May 1, 2024, the U.S. Department of Energy (DOE) Solar Energy Technologies Office (SETO) announced the 2024 Photovoltaics Research and Development (PVRD) funding opportunity, which will award up to \$20 million for innovative solar photovoltaics (PV) research and development (R& D) that reduces the cost of PV modules, reduces carbon and energy intensity of the PV supply chain and manufacturing process, and optimizes PV technology for new, specialized markets.

This topic seeks to develop innovative PV cell and minimodule prototypes to enable expanded deployment and identify pathways for reduction in PV module cost, decarbonization of manufacturing and supply chains, and expansion of PV into new and emerging sectors. While the funding opportunity is open to all projects focused on innovations in these areas, there are four areas of particular interest to DOE:

This topic seeks to fund academic R& D projects requiring new or upgraded cadmium telluride (CdTe) research equipment. This will enhance the ability of research groups to rapidly make and test CdTe cells and improve their performance. This funding will also benefit the larger CdTe PV research community by facilitating rapid technological innovation in CdTe design and understanding of the materials and manufacturing processes.

DOE is compiling a Teaming Partner List to facilitate the formation of project teams for this FOA. The Teaming Partner List allows organizations that may wish to participate on a project to express their interest to other applicants and explore potential partnerships.

SUBMISSION INSTRUCTIONS: View the Teaming Partner List by visiting the EERE eXCHANGE homepage and clicking on Teaming Partners within the left-hand navigation pane. This page allows users to view published Teaming Partner Lists. To join the Teaming Partner List, submit a request within eXCHANGE. Select the appropriate Teaming Partner List from the drop-down menu and fill in the following information: Investigator Name, Organization Name, Organization Type, Topic Area, Background and Capabilities, Website, Contact Address, Contact Email, and Contact Phone.

DISCLAIMER: By submitting a request to be included on the Teaming Partner List, the requesting organization consents to the publication of the above-referenced information. By facilitating the Teaming Partner List, DOE is not endorsing, sponsoring, or otherwise evaluating the qualifications of the individuals and organizations that are identifying themselves for placement on this Teaming Partner List. DOE will not pay for the provision of any information, nor will it compensate any applicants or requesting organizations for the development of such information.

The U.S. Department of Energy (DOE) Solar Energy Technologies Office (SETO) funds solar energy research

and development projects through competitive solicitations known as funding opportunities, as well as prizes.
View all current funding opportunities.

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