



Funding Opportunities

November 21, 2022

Environmental Protection Agency

Consumer Recycling Education and Outreach (REO) Grant Program

Letter of Intent: December 15, 2022 | Full: January 16, 2023

Summary: The EPA is seeking applications proposing projects that inform the public about new or existing residential or community recycling programs; provide information about the recycled materials that are accepted as part of a residential or community recycling program that provides for the separate collection of residential solid waste from recycled material; and increases collection rates and decreases contamination in residential and community recycling programs. Projects will improve consumer recycling education with the goal of achieving separate collection of recycled material across the nation, maximizing the efficient reuse of materials, and identifying strategies that otherwise result in an increase in volume of recyclable materials. The EPA also recognizes and encourages applications that demonstrate evidence-based messaging and strategies associated with effective communication campaigns designed to increase prevention, reuse, repair, remanufacture, recycling, anaerobic digestion, and composting in communities and/or decrease contamination in the recycling stream. This approach to community-informed messaging goes beyond education only by emphasizing researching the audience, building trust, and reducing audience barriers while emphasizing benefits for desired action.

In addition, the EPA is seeking applications for recycling education and outreach projects that address environmental justice concerns and focus predominantly on addressing the disproportionate and adverse human health, environmental, climate-related and other cumulative impacts, as well as the accompanying economic challenges of such impacts, resulting from industrial, governmental, commercial and/or other actions that have affected and/or currently affect people/communities of color, low income, tribal, and indigenous populations, and if applicable, other vulnerable populations, such as the elderly, children, and those with pre-existing medical conditions..

Estimated Funding/Number of Awards: The minimum individual award is \$250,000 and the maximum individual award is \$2,000,000 for the grant period, which is up to three years. The EPA anticipates awarding approximately 25 agreements, with at least one award per region.

Additional Information: [EPA-I-OLEM-ORCR-23-02](#)

Department of Energy, Office of Clean Energy Demonstrations

Long-Duration Energy Storage Demonstrations

Letter of Intent: December 15, 2022 | Full: March 3, 2023

Summary: The U.S. Department of Energy (DOE) is releasing this Funding Opportunity Announcement (FOA) to solicit emerging Long-Duration Energy Storage (LDES) demonstration projects capable of delivering electricity for 10-24 hours or longer to support a low-cost, reliable, carbon-free electric grid. This \$349 million effort seeks LDES demonstration projects that will validate new technologies, enhance the capabilities of customers and communities to integrate LDES more effectively, and sustain American global leadership in energy storage.

This FOA has two Topic Areas. Topic Area 1 has two Areas of Interest (AOIs) and Topic Area 2 has three AOIs. These Topic Areas and AOIs are listed below.

Topic Area 1: Lithium-Based Energy Storage Systems

- **Area of Interest 1A:** Energy Storage as Second-Life Application for Electric Vehicle Batteries
- **Area of Interest 1B:** Next-Generation Grid-Scale Lithium Battery Deployments

Topic Area 2: Non-Lithium-Based Energy Storage Systems

- **Area of Interest 2A:** Behind-the-Meter LDES Demonstrations (10-24 hours)
- **Area of Interest 2B:** Front-of-Meter LDES Demonstrations (10-24 hours)
- **Area of Interest 2C:** Multi-Day LDES Demonstration (24+ hours)

Estimated Funding/Number of Awards: DOE expects to make a total of approximately \$349 million of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. DOE anticipates making approximately 11 awards under this FOA.

Additional Information: [DE-FOA-0002867](#)

Department of Energy

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Program, Phase I Release 2

Letter of Intent: January 3, 2023 | Full: February 21, 2023

Summary: This SBIR/STTR topics document is issued in advance of the FY 2023 DOE SBIR/STTR Phase I Release 2 Funding Opportunity Announcement scheduled to be issued on December 12, 2022. The purpose of the early release of the topics is to allow applicants an opportunity to identify technology areas of interest and to begin formulating innovative responses and partnerships. Applicants new to the DOE SBIR/STTR programs are encouraged to attend upcoming topic and Funding Opportunity Announcement webinars.

The following DOE program offices are participating in this (FOA):

- Office of Cyber Security, Energy Security, and Emergency Response (CESER)
- Office of Defense Nuclear Nonproliferation (NNSA)
- Office of Electricity (OE)
- Office of Energy Efficiency and Renewable Energy (EERE)
- Office of Environmental Management (EM)
- Office of Fusion Energy Sciences
- Office of High Energy Physics (HEP)
- Office of Nuclear Physics (NE)

Upcoming Webinars: Register for one or more of the DOE FY 2023 Phase I Release 2 SBIR/STTR Topics webinars and hear directly from the DOE Topic Managers as they briefly provide insight into their respective topics.

- **Webinar 1:** CESER, NA, OE, EM & FECM Topics 1- 9 & 22-28 Tuesday, November 15, 2022: Register by clicking [here](#).
- **Webinar 2:** EERE Topics 10 - 21 Wednesday, November 16, 2022: Register by clicking [here](#).
- **Webinar 3:** FES, HEP & NE Topics 29 - 41 Thursday, November 17, 2022: Register by clicking [here](#).

These webinars are scheduled for **90 minutes** or less and during registration you will be able to submit questions in advance as well as during each webinar. If you can't attend the live webinars, we'll be recording each one and making these available on our website under "Funding Opportunities".

A webinar to discuss the FY 2023 SBIR/STTR Phase I Release 2 Funding Opportunity Announcement and application process on Friday, December 16, 2022. Important changes to the DOE SBIR and STTR programs for the coming year will also be addressed.

Additional Information: [SBIR/STTR FY 2023](#)

Department of Energy, Office of Science Small Early Career Research Program

Pre-application: February 6, 2023 | Full: March 23, 2023

Summary: The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by SC. ECRP opportunities exist in the following SC research programs.

- Advanced Scientific Computing Research (ASCR);
- Basic Energy Sciences (BES);
- Biological and Environmental Research (BER);
- Fusion Energy Sciences (FES);
- High Energy Physics (HEP);
- Nuclear Physics (NP);
- Isotope Research and Development (R&D) and Production (DOE IP); and
- Accelerator R&D and Production (ARDAP).

SC's mission is to deliver the scientific discoveries and major scientific tools to transform our understanding of nature and advance the energy, economic, and national security of the United States. SC is the Nation's largest Federal sponsor of basic research in the physical sciences and the lead Federal agency supporting fundamental scientific research for our Nation's energy future.

Estimated Funding/Number of Awards: DOE expects the typical award size will be in a narrow range around \$875,000 over five years for an Institution of Higher Education and around \$2,500,000 over five years for a DOE National Laboratory or SC User Facility. DOE anticipates up to 84 awards under this FOA. Historically, there have been an average of approximately 23 national laboratory awards and 45 university awards each year.

Additional Information: [DE-FOA-0002821](#)

The ReMADE Institute

Education & Workforce Development: Request for Proposals

Letter of Intent: January 6, 2023 | Full: January 27, 2023

Summary: EWD project proposals are requested for projects that align with the [EWD Roadmap](#) and are seeking to develop short courses that can be used to educate, train, and develop the incumbent workforce for careers in the circular economy.

Proposal Submission Topics:

- Advanced Materials Separation Technologies
- Design for Remanufacturing, Recycling, and/or Reuse
- Condition Assessment for Remanufacturing
- Reverse Logistics for Remanufacturing
- Simulation Techniques to Optimize Material Use in Manufacturing and Recycling

Short courses can be taken individually and are stacked together with other relevant short courses to form a Tiered Certificate Pathway. Each individual short course and Tiered Certificate Pathway addresses one of three distinct competency levels:

- **AWARENESS** level training is intended to provide participants from a broad audience a high-level introduction to the subject matter. Individual Awareness level short courses may last 1- 2 hours.
- **PRACTICIONER** level training is intended for incumbent workers that currently work with Circular Economy technologies or in adjacent technology domains who wish to broaden their knowledge. Individual Practitioner level short courses may last 4-8 hours.
- **EXPERT** level training is intended to provide in-depth coverage of advanced Circular Economy concepts or technology and is targeted toward engineers or scientists trying to deepen their expertise. Individual Expert level short courses may last 1-2 days.

Estimated Funding/Number of Awards: REMADE will allocate up to \$100,000 per EWD project with a requirement of a minimum of 1:1 cost-share from proposal teams. There is no minimum budget.

Informational Webinar / Q&A Session: December 1, 2022 | 12:00pm | [Register](#)

Additional Information: [2022 EWD RFP](#)