
Funding Opportunities

January 9, 2023

*The opportunities listed here may be limited submissions. Please contact the **Research Office** to determine if there is an active or upcoming internal process for any opportunity of interest.*

Department of Energy – Office of Energy Efficiency and Renewable Energy
AMMTO-BTO and OE FY22 Multi-Topic FOA

Concept Paper: February 3, 2023 | Full: April 7, 2023

Summary: The U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) announced a \$52 million funding opportunity announcement (FOA) that will accelerate research, development, and demonstration (RD&D) in domestic manufacturing to strengthen America's economic competitiveness and move the U.S. towards a net-zero carbon economy by 2050. This multitopic FOA is a joint effort between EERE's Advanced Materials and Manufacturing Technologies Office (AMMTO), the Building Technologies Office (BTO), and DOE's Office of Electricity (OE).

Specifically, the goals of this multi-topic FOA are to: Validate and demonstrate next generation materials and manufacturing processes including domestic pilot demonstrations and related technologies to support the transition to U.S. manufacturing; Enable environmentally and socially responsible domestic manufacturing with diversified domestic supply of feedstocks including from recycled goods; and Mature nascent technologies, processes, and methods that improve the performance and market penetration of clean energy technologies and emerging building efficiency technologies.

Topic Area 1: Next Generation Materials and Manufacturing Processes

- **Subtopic 1.1:** Increased Conductivity Metal-Based Material Systems
- **Subtopic 1.2:** Harsh Environment Materials
- **Subtopic 1.3:** AI/Machine Learning for Aerostructures

Topic Area 2: Secure and Sustainable Materials

- **Subtopic 2.1:** Materials Circularity Regional Demonstrations

Topic Area 3: Energy Technology Manufacturing

- **Subtopic 3.1:** Advanced Process Manufacturing of Electric Vehicle
- Cathode Active Materials at Volume
- **Subtopic 3.2:** Building Dehumidification Scaleup

Estimated Funding/Number of Awards: EERE anticipates making approximately 18-36 awards under this FOA. Individual awards may vary between \$200,000 and \$10 million.

Additional Information: [DE-FOA-0002864](#)