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Advanced Energy Manufacturing and Recycling Program Selections

DOE Advanced Energy Manufacturing and Recycling Program Selectees Project Summaries



The global market for clean energy and carbon reduction technologies is anticipated to reach a minimum of \$23 trillion by 2030. Investing directly in the

domestic manufacturing sector's small- and medium-sized businesses, which contribute to \$1 trillion in gross revenue and provide more than five million jobs, rapidly builds capacity for clean energy production and maximizes the benefit to communities nationally. Swiftly increasing U.S. manufacturing output and deployment of clean energy technology is critical to meet this demand. By manufacturing clean energy technology domestically, the U.S. will strengthen national security and energy independence, revitalize industrial and energy communities, and mitigate the climate crisis.

In October 2024, DOE announced \$428 million in investments for 14 projects selected for negotiation of award across 12 states. The projects, which are in communities with de-commissioned coal facilities, were selected by DOE's [Office of Manufacturing and Energy Supply Chains \(MESC\)](#) to address critical energy supply chain vulnerabilities. This round of investment builds off of the first round of selections announced in November 2023.

The projects selected by MESC under the [Advanced Energy Manufacturing and Recycling Grant Program](#) will revitalize communities affected by coal mine or coal power plant closures, and ensure that these communities that have been the backbone of the country's energy sector are a core part of the manufacturing revolution needed to meet the energy technology needs of the future.

Learn more about the portfolio below.



Round 2 Selections

Anthro Energy, Inc.	▼
CleanFiber Inc.	▼
CleanFiber Inc.	▼
TS Conductor Corp.	▼
Furno Materials, Inc.	▼
Hempitecture Inc.	▼
Infinitum Electric Inc.	▼
MetOx International, Inc.	▼
Moment Energy Inc.	▼
Mainspring Energy, Inc.	▼
RG Resource Technologies, Inc.	▼
Sparkz Inc.	▼
Terra CO2 Technology Holdings, Inc	▼
Urban Mining Industries, LLC	▼

Round 1 Selections

Alpen High-Performance Products, Inc.	▼
Boston Metal	▼
CorePower Magnetics, Inc.	▼
FastCAP Systems d/b/a Nanoramic Laboratories	▼
LuxWall, Inc.	▼
MP Assets Corporation	▼



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