

**ADVANCED MATERIALS & MANUFACTURING
TECHNOLOGIES OFFICE****Wind Energy Materials and Manufacturing Funding Opportunity
Announcement: Stakeholder Toolkit**

On Friday, February 10th, the U.S. Department of Energy (DOE) [announced](#) up to \$30 million in federal funding to help lower costs of large wind turbines by advancing the application of composite materials and additive manufacturing (3-D printing) to offshore wind energy systems. Specifically, this funding opportunity focuses on projects that can further develop manufacturing platform technologies and address gaps or barriers that are currently limiting the use of composite materials in clean energy and decarbonization-related applications, with wind energy applications as the primary focus.

The improved materials and manufacturing processes envisioned under this funding opportunity have the potential to reduce wind energy costs and expand the deployment of the nation's wind energy portfolio in support of the Biden Administration's goals to reach 100% clean electricity by 2035 and a net-zero-emissions economy by 2050.

By focusing on wind energy materials and manufacturing technology challenges, this funding opportunity not only seeks to support the Administration's offshore wind goals, but also to develop manufacturing solutions that can be applied to other clean energy applications.

DOE invites our stakeholders to:

- Review the [press release](#) for this announcement as well as the funding opportunity [landing page](#) and the [full funding opportunity document](#).
- [Apply for funding](#) by submitting a concept paper before March 23, 2023, at 5 P.M. EST.
- Share the opportunity with your networks using the sample email and social media language below.
- Industry, academia, research laboratories, government agencies, state and local coalitions, labor unions, Tribes, community-based organizations (CBOs), and Minority-Serving Institutions (MSIs) are encouraged to apply.

This opportunity is supported through DOE's [Energy Efficiency and Renewable Energy](#) (EERE)'s [Advanced Materials and Manufacturing Technologies Office](#) (AMMTO).

Top Line Messaging

This funding opportunity will support DOE's priorities in advancing clean-energy applications and energy savings through materials and manufacturing R&D as well as [the National Offshore Wind Strategy](#), the [Offshore Wind Supply Chain Road Map](#), and the Biden Administration's climate goals to deploy 30 gigawatts of offshore wind energy by 2030 and achieve a net-zero carbon economy by 2050.

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This opportunity will support these priorities by targeting the use of additive manufacturing for lower-cost, higher-performance wind blade and non-blade wind turbine system components, with additional focus on automation, digitalization, and sustainability.

Funding Opportunity Summary

This funding opportunity targets three areas of interest:

- Large Wind Blade Additive Manufacturing
- Additive Manufacturing of Non-Blade Wind Turbine Components.
- Large Wind Blades: Advancing Manufacturing, Materials, and Sustainability

More detailed information about each interest area can be found [here](#) and the full funding opportunity can be downloaded [here](#).

Key Stakeholder Information

Office: DOE’s [Office of Energy Efficiency and Renewable Energy \(EERE\)](#)’s [Advanced Materials and Manufacturing Technologies Office \(AMMTO\)](#).

FOA Number: DE-FOA-0002960

Link to apply: [Click here](#)

FOA Amount: \$30 million

Key Dates

FOA Issue Date:	Friday, February 10, 2023
Submission Deadline for Concept Papers:	March 23, 2023, 5:00 P.M. ET
Submission Deadline for Full Applications:	May 9, 2023, 5:00 P.M. ET
Expected Date for EERE Selection Notifications:	July 2023
Expected Timeframe for Award Negotiations:	Summer-Fall 2023
Expected Period of Award Performance	Two to three years

Additional Information

- Download the full funding opportunity [here](#).
- If you have any further questions about this funding opportunity and how to apply, please contact A-WCAM@ee.doe.gov if you have questions about promoting and/or sharing this FOA with your network, please contact micaeli.rourke@ee.doe.gov.
- Sign up for the [Office of Energy Efficiency and Renewable Energy \(EERE\) email list](#) to get notified of new EERE funding opportunities. Also sign up for [AMMTO’s](#) new monthly newsletter, The [Manufacturing Moment](#).

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Sample Email

Dear partners,

I invite you to review the U.S. Department of Energy's (DOE) latest funding opportunity which will be awarding up to \$30 million in federal funding to help lower costs of large wind turbines by advancing the application of composite materials and additive manufacturing (3-D printing) to offshore wind energy systems.

The application deadline for concept papers is March 23, 2023, at 5 P.M. ET. For more information and to apply for funding, please visit this funding opportunity's [landing page](#).

Sample Social Media

Twitter:

@ENERGY recently announced \$30M to fund manufacturing R&D for #OffshoreWind energy systems like wind turbines and other key pieces of #GreenTechnology. Learn more about how this helps the #CleanEnergy transition and consider applying today:

<https://tinyurl.com/windfunding>

Facebook/LinkedIn

@ENERGY recently released a funding opportunity announcement for \$30 million to fund manufacturing R&D for Offshore Wind Energy systems like large wind turbines. By focusing on wind energy materials and manufacturing technology challenges, this funding opportunity not only seeks to support the Administration's offshore wind goals, but also to develop manufacturing solutions that can be applied to other clean energy applications. Any small businesses and minority served institutions (MSIs) are highly encouraged to apply! Submit your concept paper by March 23rd: <https://tinyurl.com/windfunding>

Sample Graphic

