U.S. Department of
ENERGY

Industrial Demonstrations Program

The Industrial Demonstrations Program (IDP) will accelerate decarbonization projects in energy-intensive industries and provide American manufacturers a competitive advantage in the race to lead the world in low- and net-zero carbon manufacturing. This program will be a central driver in helping solidify a "first-mover" advantage for U.S. industry, bolstering its competitiveness globally for decades into the future. [Learn more](#).

$6,300,000,000 in Funding

Funded by the [Bipartisan Infrastructure Law](#)⧉ and Inflation Reduction Act, the Industrial Demonstrations Program received a combined $6.3 billion to support the advancement of transformational technologies necessary to decarbonize the U.S. industrial sector.

Selected and Awarded Projects

On March 25, 2024, OCED announced projects selected for award negotiations following a rigorous Merit Review process to identify meritorious applications based on the criteria listed in the Funding Opportunity Announcement. Awards are being made on an ongoing basis, starting in August 2024.

Learn more about the selected and awarded projects here.

Learn about local engagement opportunities here.

Read the latest updates on the Industrial Demonstrations Program.

IDP Award Recipients

Learn more about the awardees.

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Announcements

Industrial Demonstrations Program Funding Opportunity Announcement DE-FOA-0002936, $6.3 billion, issued March 2023 ⌄

U.S. industry is a backbone of the nation's economy, producing the goods critical to everyday life, employing millions of Americans in high-quality jobs, and providing an economic anchor for thousands of communities. Yet the energy- and carbon-intensity of the sector, which contributes nearly one third of the nation's primary energy-related carbon dioxide, pose a significant challenge as the economy transitions towards net-zero because:

- Industry uses many energy sources including natural gas, petroleum, coal, electricity, and renewable sources including biomass.
- Industry has a wide array of industrial processes and operations.
- Emissions come from not only heat and power fuel but also from feedstocks and processes.

The Industrial Demonstrations Program will fund projects that focus on the highest emitting and hardest to abate industries where decarbonization technologies can have the greatest impact: iron and steel, cement and concrete, chemicals and refining, food and beverage, paper and forest products, aluminum, other energy-intensive manufacturing industries and cross-cutting technologies.
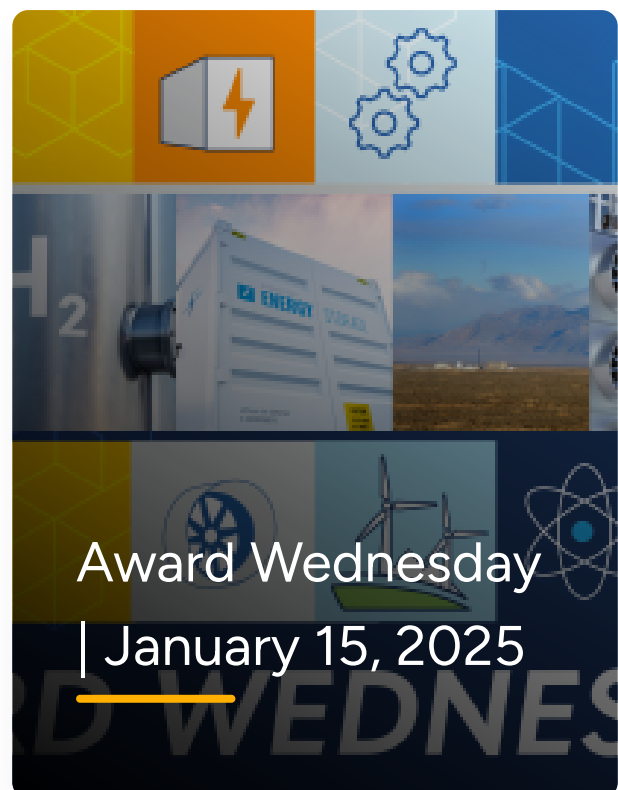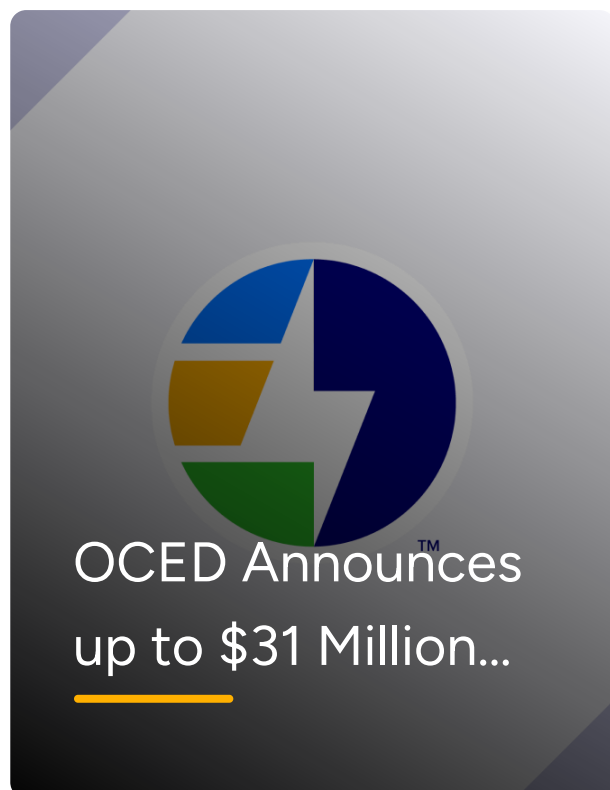
Demonstrating the technical and commercial viability of first- or early-of-a-kind commercial-scale industrial decarbonization approaches will promote widespread technology implementation and drive a U.S. edge in low- and net-

zero carbon manufacturing while helping to substantiate a market for low-carbon products.

Resources

- View the [OCED Industrial Demonstrations Program Factsheet](#) .
- View the [slides](#) and previously recorded [Concept Paper Feedback Webinar](#) held June 2023.
- View the [slides](#) and previously recorded [Funding Opportunity Announcement Informational Webinar](#) held March 2023.
- Watch the previously issued Notice of Intent [Informational Webinar](#), presented February 2023.
- For media inquiries, contact OCEDNewsroom@hq.doe.gov.
- For more information on the Industrial Decarbonization Demonstration Projects, contact OCED@hq.doe.gov.

OCED News

OCED Announces up to $31 Million...

Award Wednesday | January 15, 2025

Award Wednesday | January 8, 2025

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