

AMO's Industrial Technology Validation Pilot

Seeking Industry Partners

Validate innovative energy-, GHG-, water-, and waste-reducing technologies to decarbonize industry with support from DOE National Lab experts

Receive Technical Assistance

- evaluate technology suitability
- obtain independent insights

Work with National Lab Experts

- experts manage on-site testing
- mitigate testing risks

Achieve Objective Evaluation

- validate performance improvements
- investigate cost and emission impacts

The U.S. Department of Energy's (DOE) Advanced Manufacturing Office (AMO) has launched phase two of the Industrial Technology Validation pilot. This phase is open to all industrial sites who want to team with technology vendors to evaluate innovative manufacturing technologies in their plants. Technology vendors are also invited to apply individually.

Why Participate?

- **Gain a competitive edge in your industry:** Become an early adopter of an emerging technology to optimize your plant's performance, sustainability, and production targets.
- **Reduce risks associated with testing new technologies:** Help validate technology performance in real-world operational settings with DOE's National Lab at your side.
- **Enable widespread integration of energy-, GHG-, water-, and waste-saving technology in the industrial space:** Support your plant's decarbonization goals and help catalyze the broader industry to combat the climate crisis.

Application Criteria:

Emerging technologies include applications of equipment, hardware, software, systems, or innovations used in manufacturing, wastewater treatment, mining, or clean rooms and should be at one of following development stages:

- Pre-or early commercial technology
- Commercial technology in a new use case
- Broad deployment applicability, but not yet widely used or accepted

Selection Priorities:

- Technologies with potential for widespread impact and scalability
- Innovation, performance, GHG savings, cost savings, technical risk, and level of effort required for validation
- Applications submitted jointly by a technology teamed with a host site will undergo only a single phase of review. Individual technology applications will also be considered. These applications will require a second review once a technology/site combination is identified.

Join Us Now

- Respond to the Request for Proposals with your chosen technology vendor.
- Applications will be reviewed on a first-come first-serve basis through June 2022.
- Eligibility for this pilot is limited. Submit your application as early as possible, even if you are still in the early planning stage for your project.

To learn more visit:

energy.gov/betterplants/industrial-technology-validation-pilot