

AMO's Industrial Technology Validation Pilot

Seeking Technology Developers

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 technology vendors who want to team with industrial sites to evaluate innovative manufacturing technologies in their plants. Industrial sites are also invited to apply with a technology in mind.

"The Department of Energy is committed to empowering innovators to think boldly and create the cutting-edge technologies that will usher in our clean energy future and create millions of good-paying jobs."

- DOE Chief of Staff Tarak Shah¹

Why Participate?

- **Gain industry exposure:** Pilot your technology in a real-world industrial environment.
- **Put your technology to the test:** Verify performance with a full-scale M&V validation led by DOE National Lab experts.
- **Tap into potential markets:** Leverage a publicly available M&V report around technology performance at the end of the study.

Join Us Now

- Respond to the Request for Proposals with your chosen host site.
- 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

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:

- 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.

¹ <https://www.whitehouse.gov/briefing-room/statements-releases/2021/02/11/biden-harris-administration-launches-american-innovation-effort-to-create-jobs-and-tackle-the-climate-crisis/>