AMO’s Industrial Technology Validation Pilot

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.

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

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