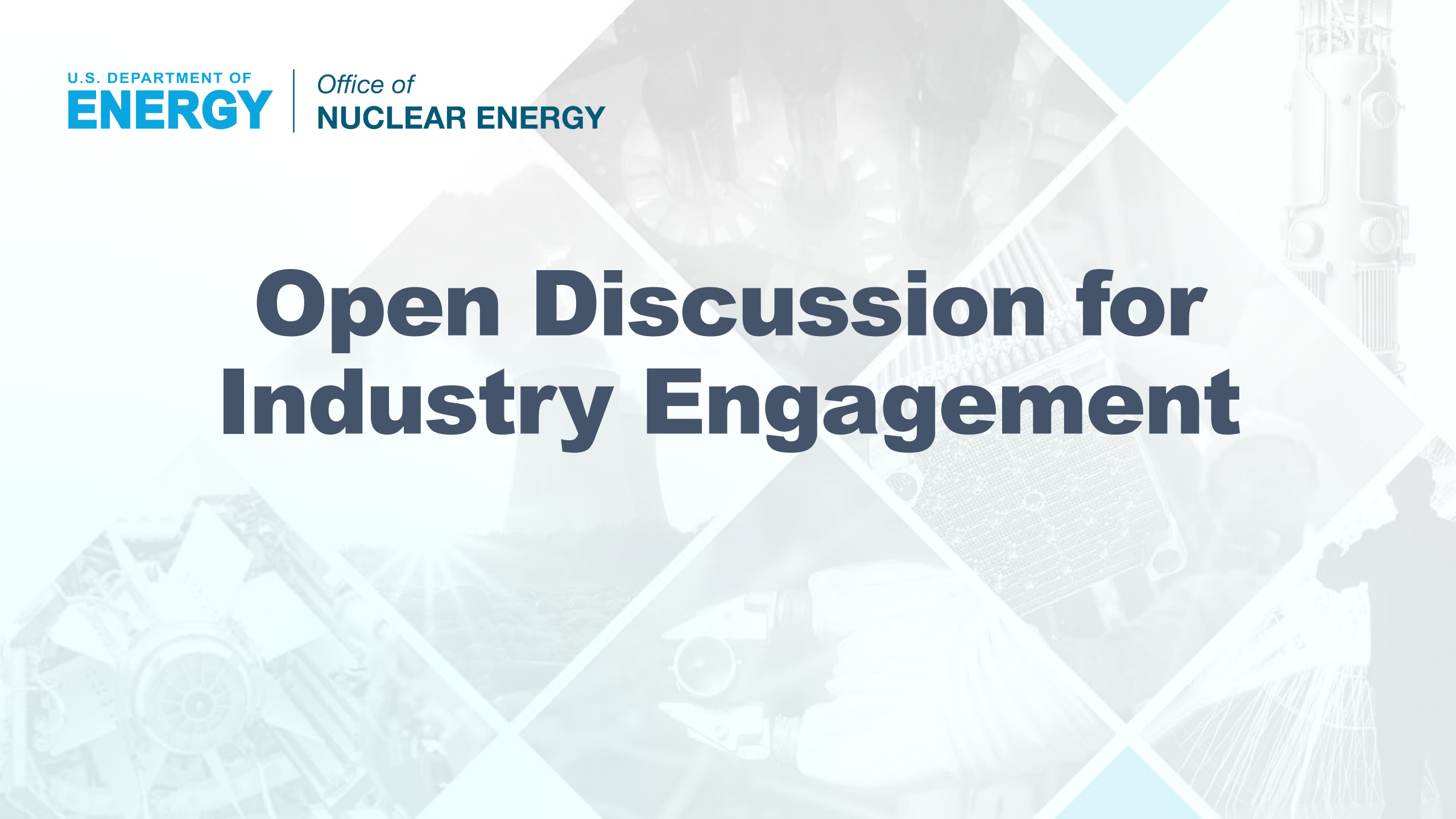


U.S. DEPARTMENT OF  
**ENERGY**

Office of  
**NUCLEAR ENERGY**

# Open Discussion for Industry Engagement

The background of the slide is a collage of four diamond-shaped images. The top-left diamond shows a close-up of a nuclear reactor core with its complex internal structures. The top-right diamond shows a person wearing a white hard hat, looking towards the camera. The bottom-left diamond shows a person in a white lab coat using a microscope. The bottom-right diamond shows a person in a white lab coat working with a large, white, fibrous material, possibly a filter or a component of a reactor.

# Feedback on the AMMT program, industry engagement, challenges & opportunities

- What type of components would be of highest interest for demonstration of AM 316H to your organization?
- What new materials and manufacturing techniques would have the highest impact on your organization and for what applications?
- What irradiation and corrosion data are needed for AM materials?
- What are your requirements for pursuing a demonstration case with the AMMT program?
  - Technical (property data set, component design, quality assurance, cost)?
  - Legal (non-disclosure agreements)?
  - What are the challenges and how can they be mitigated?
- What can the AMMT program do to speed up adoption of advanced materials and AM technologies by the nuclear industry? Does the current program plan have the right elements?
- What are some of the most pressing industry challenges that can be solved through R&D in advanced manufacturing technologies? How can the AMMT program help industry address these challenges?

U.S. DEPARTMENT OF  
**ENERGY**

*Office of*  
**NUCLEAR ENERGY**