

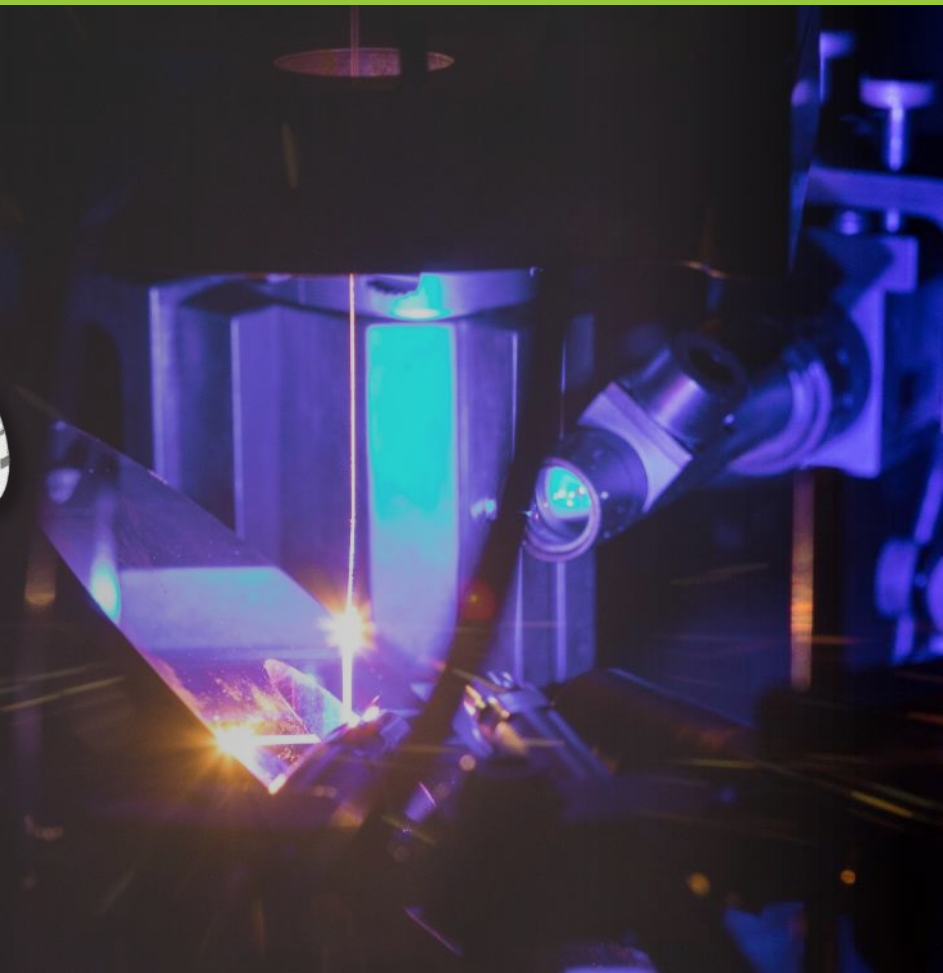
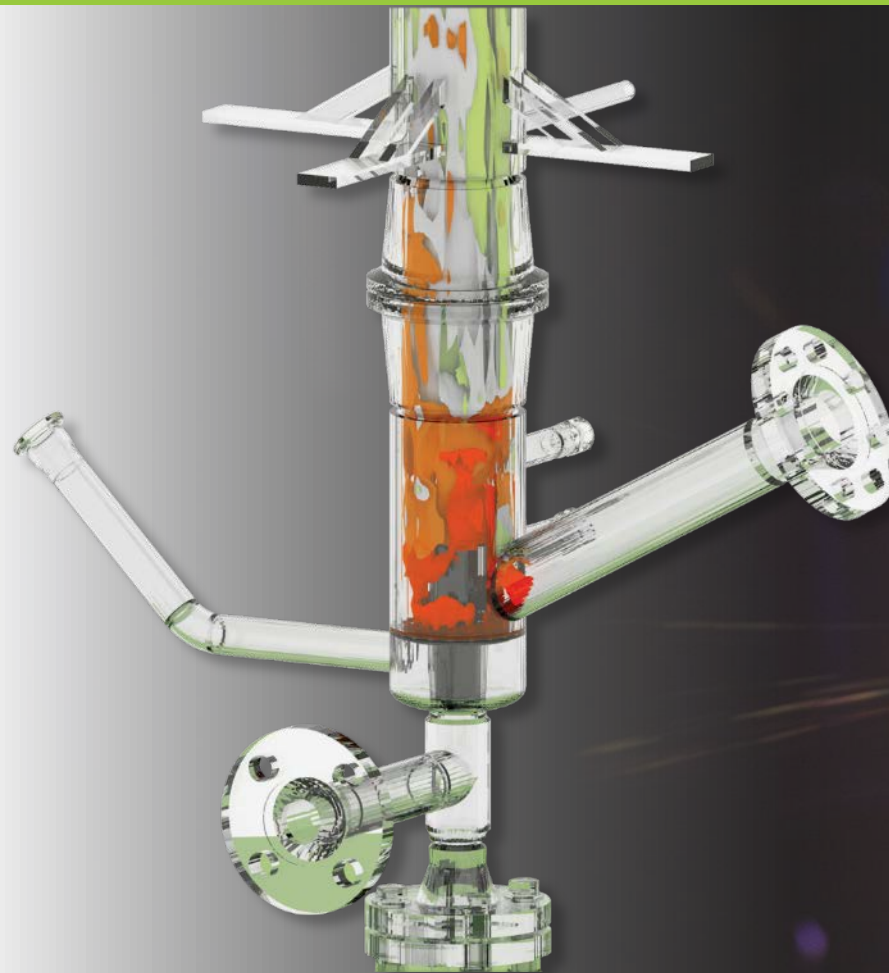
# Responding to Areas of Interest (AOIs)

## NETL Webinar on FE's Minority Serving Institutions Program



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- Fossil energy R&D that supports program goals while **educating and training next generation highly-skilled scientists and engineers** in advanced technology systems with knowledge of, and sensitivity for, cultural diversity
- **Identify student roles** when/where possible
- **Research crosscuts many different technology areas** (sensors, materials, simulation, water management, etc.)

The FOA provides background materials regarding the topics often called “Areas of Interest” (AOIs)

## Areas of Interest

Describe in detail each area of research where NETL is seeking proposals

Should be carefully considered as a potential topic for research proposals

Number/types of areas of interest are dependent on funding in particular areas, DOE mission goals, and technology maturity

Areas of Interest change annually

May also include descriptions of research that are NOT being sought in the FOA

# Previous Areas of Interest



Application of Novel Analytic Method(s) to Determine Arsenic and/or Selenium Concentrations in Fly Ash Waste Streams Generated from Coal Combustion

Cybersecure Sensors for Fossil Power Generation

Modeling Existing Coal Plant Challenges using High Performance Computing

Coal Plant Effluent Water Reuse

Coal Contaminant Partitioning in Power Plant Wastewater

Automated Plant Component Inspection, Analysis, and Repair Enabled by Robotics

Improved Ab Initio Models of High Performance Structural Alloys for Existing and Advanced Technologies Fossil Energy (FE) Power Plants

Improved Water Usage at Existing Power Generation Facilities

## Read the FOA Carefully

- Understand the Background/Description
- Understand the specific Objectives
- Understand the topics NETL is interested in funding

## Read AOI Language Closely

- Understand where your research strengths best fit with NETL AOIs
- Look for specific thresholds or requirements
- Determine items that are not of interest within that topic area/area of interest

Recycling Applications is Generally NOT a Successful Approach

## Get Organized Early

- Create a Proposal Team
- Identify key research team members
- Consider teaming with another institutions
  - Provide letters of support
  - Financial investment if applicable
  - Be as specific as possible
- Develop Application Preparation Schedule and Key Submittal Dates

## Ask Questions

- Use FedConnect to ask questions while FOA is open
  - **Can be used for technical, administrative, or FOA clarification** (differences between milestones, success criteria, deliverables, etc.)
- See if your questions have already been asked/answered on the server

## Identify Required Submittals

- SF-424, Narrative, Abstract, Project Management Plan, Budget Justifications etc.
- Address **ALL** Areas
  - Follow the review criteria and ensure that all aspects are clearly addressed by your application

 Address the “Cake” prior to the “Icing” 

## Submit All Documentation

- Ensure that all required documentation is submitted
- **Failure to do so can result in a non-responsive application**
- Ensure Page limits, margins, spacing, font size (all specified within the FOA)
- Ensure cohesiveness and consistency between documentation (budgets, narrative, SOPO, PMP, etc.)

Verify that the final application complies with ALL FOA requirements

# Questions?

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