

NETL Critical Minerals & Advanced Alloys Center of Excellence Stakeholder Workshop

Date: Tuesday, September 29, 2026

Time: 7:30 AM – 4:00 PM

Location: National Energy Technology Laboratory (NETL), Pittsburgh, PA

Agenda

Time	Session
7:30 am – 8:30 am	Registration & Continental Breakfast
8:30 am – 8:50 am	Welcome & Opening Remarks
8:50 am – 9:15 am	CMAA Strategic Vision & Mission Overview: <i>Overview of CMAA capabilities supporting domestic supply chains, mining, and metal processing</i>
9:15 am – 9:45 am	Portfolio Overview & Technical Priorities 1) Extraction & Recovery: Unconventional feedstocks, mine waste, & AI/ML prospectivity 2) Process Development: Extractive metallurgy, flowsheet optimization, & digital twins 3) Alloys & Products: High-performance alloys, REE integration, & graphitization
9:45 am – 10:00 am	Advanced Alloys Signature Center: Alloy Design, Manufacture, and Testing for Extreme Environments Live Feed
10:00 am – 10:15 am	Research & Innovation Center Safety Briefing & Group Photo
10:15 am – 10:45 am	Break: Board Bus
10:45 am – 11:45 am	NETL R&D Laboratory Tour <i>Guided tours of process development, materials characterization, and advanced alloys facilities</i>
11:45 am – 12:45 pm	Networking Lunch, Workforce Development Presentation & Poster Viewing

12:45 pm – 1:00 pm	Afternoon Kickoff & Innovation Exchange Overview
1:00 pm – 2:15 pm	Innovation Exchange Breakout Sessions (Concurrent) Facilitated small-group feedback discussions: Breakout 1: Upstream Mining, Extraction & Resource Characterization Breakout 2: Midstream Processing, Digital Twins & Flowsheet Automation Breakout 3: Advanced Alloys, Harsh Service Materials & Product Qualification
2:15 pm – 2:30 pm	Networking Break
2:30 pm – 3:15 pm	Breakout Report-Outs & Voice of Industry Summary <i>Key findings, industry feedback, and capability gaps identified during breakouts</i>
3:15 pm – 3:50 pm	The Path Forward: Steps to Collaboration <i>Mechanisms for industry partnerships, CRADAs, and accessing NETL capabilities</i>
3:50 pm – 4:00 pm	Closing Remarks & Adjourn