

2025 RD20 Summer School

- ~85 participants representing 13 **RD20** countries
- Held for one week at Colorado School of Mines in Golden, CO USA
- Two visits to NREL facilities and labs
- Participation of ~20 senior leaders from RD20 institutions



NREL Flatirons Campus Tour



2025 RD20 Summer School – Agenda Highlights

- Opening remarks from NREL's Director followed by senior leadership panel
- Guest speaker on the energy system in Colorado
- Visits to the NREL Advanced Research on Integrated Energy Systems (ARIES) research platform (Flatiron campus) and to NREL's main South Table Mountain
- Presentations on "Energy Tech to Market" from NREL's Innovation and Entrepreneurship Center
- Group "Tech to Market" SPRINT projects and presentations
- Outings: Rafting, Breckenridge tour











2025 RD20 Summer School – Program

15 keynote lectures covering:

- Opening Session
- Global overview of energy transition
- Bioeconomy
- Hydrogen: production, electrolysis, storage, risk assessment
- Photovoltaics: Multi-terawatt PV, Perovskites
- Evolving energy landscape in Colorado
- Carbon capture, utilization and storage
- Regulation and standards considerations
- International collaboration and trend analysis
- Life cycle analysis
- Critical materials
- Power system modeling
- Role of market interventions





