

## **Panel 2: Electrification and Low Carbon Fuels**

Many industry outlooks project new technology deployment that is needed to reach aggressive emissions targets over the next few decades. How best to transition to that future while sustaining economic stability is unclear. This panel will focus on exploring the most efficient ways to spur electrification and low-carbon fuels adoption to help transition industry to a decarbonized future. Topics will address:

- Economic and technical feasibility of solutions across supply chains for electrification and low carbon fuels across energy and carbon intense industry sectors
- Technology gaps and research needs to enable advancement and commercialization of electrification and low carbon fuels, including those that address storage and transport challenges.
- Scaling of emerging technology for end-use, energy supply and infrastructure to meet the projected demand
- How to re-capitalize equipment when transitioning processes for industries facing significant stranded asset risks.
- Negotiating the trade-off between efficiency and fuel switching/electrification to allow rational transitions that avoid disruptive economic consequences.