

- 8:00 AM - 6:00 PM Registration
- 9:00 AM - 10:45 AM Opening Keynote – A Shared Vision for Electrification
- 10:45 AM - 11:15 AM Morning Break
- 11:15 AM - 12:45 PM Breakout Sessions*

Track A
Frontiers of E-Mobility

Session 1A: Driving Electric Vehicle Adoption

We are on the cusp of a historic transition within the transportation sector. How do we go far enough and fast enough to meet ambitious targets?

Track B
Decarbonizing Buildings and Industry

Session 1B: Heating the Buildings of the Future

Building space and water heating is critical to meeting decarbonization goals. How do we develop and deploy — at scale — the right technologies for the customer and the grid?

Track C
Policy and Finance

Session 1C: Regulatory Approaches to Electrification

A discussion of regulatory and policy options to achieve decarbonization objectives while delivering customer and societal benefits.

Track D
Innovations in Electrification

Session 1D: Preparing the Grid for Electrification

Widespread electrification — accompanied by dramatic increases in variable renewable generation — create unique opportunities and challenges for energy storage, customer flexibility, and other approaches to meet these twin challenges.

- 12:45 PM - 2:00 PM Lunch

- 2:00 PM - 3:30 PM Breakout Sessions*

Track A
Frontiers of E-Mobility

Session 2A: Electrifying the Fleet

Buses, trucks, and heavy equipment are a crucial aspect of fleet electrification. While technology advances are driving new applications, how do we support fleets in rapid and cost-effective transition to electric technologies?

Track B
Decarbonizing Buildings and Industry

Session 2B: Smarter Homes, Buildings, and Cities

Connected residential and commercial buildings can deliver carbon reductions — along with greater comfort and valuable flexibility for the grid.

Track C
Policy and Finance

Session 2C: Developing the Infrastructure for Electrification

What is the role of regulators and policymakers in spurring the development of the infrastructure (grid or customer) to support a more highly electrified society?

Track D
Innovations in Electrification

Session 2D: Innovations in Hydrogen and Synthetic Fuels

Hydrogen and synthetic fuels could play a necessary role in decarbonizing many industries, transportation, and even buildings. What are the technical, economic and policy advances required to enable the hydrogen and synthetic fuel pathways for decarbonized electricity?

- 3:30 PM - 4:00 PM Afternoon Break
- 4:00 PM - 5:00 PM Plenary Panel Session – Regulatory and Policy Frameworks for Electrification
- 5:00 PM - 6:00 PM Afternoon Roundtable – Global Energy Transitions and Societal Imperatives

*Sessions run concurrently

8:30 AM - 12:30 PM Registration

9:00 AM - 10:30 AM Breakout Sessions*

Track A
Frontiers of E-Mobility

Session 3A: The EV
Infrastructure Challenge

How do we build a smart, flexible, and cost-effective EV infrastructure — everywhere and for everyone? Smart charging, vehicle-to-grid and other emerging technologies. What will drive a 2050 future of a highly electrified transportation sector?

Track B
Decarbonizing Buildings and Industry

Session 3B: Decarbonizing
Industry

Industrial processes — manufacturing, chemicals, plastics, agriculture — represent major challenges and opportunities. What technology breakthroughs are needed in this critical sector?

Track C
Policy and Finance

Session 3C: Financing the
Electrified Economy

How local and national markets and financial actors can drive the transition to a more electrified economy.

Track D
Innovations in Electrification

Session 3D: The Future of
Electrification Technology

Electric aviation, autonomous mobility, next generation energy storage, and electrochemical synthesis are just a few of the technologies, which if executed at scale, could dramatically change how we look at electrification and decarbonization.

10:30 AM - 11:00 AM Morning Break

11:00 AM - 12:00 PM Plenary Panel Session – The Role of Technology and R&D

12:00 PM - 1:00 PM Closing Panel Session and Keynote – The Economics of Electrification