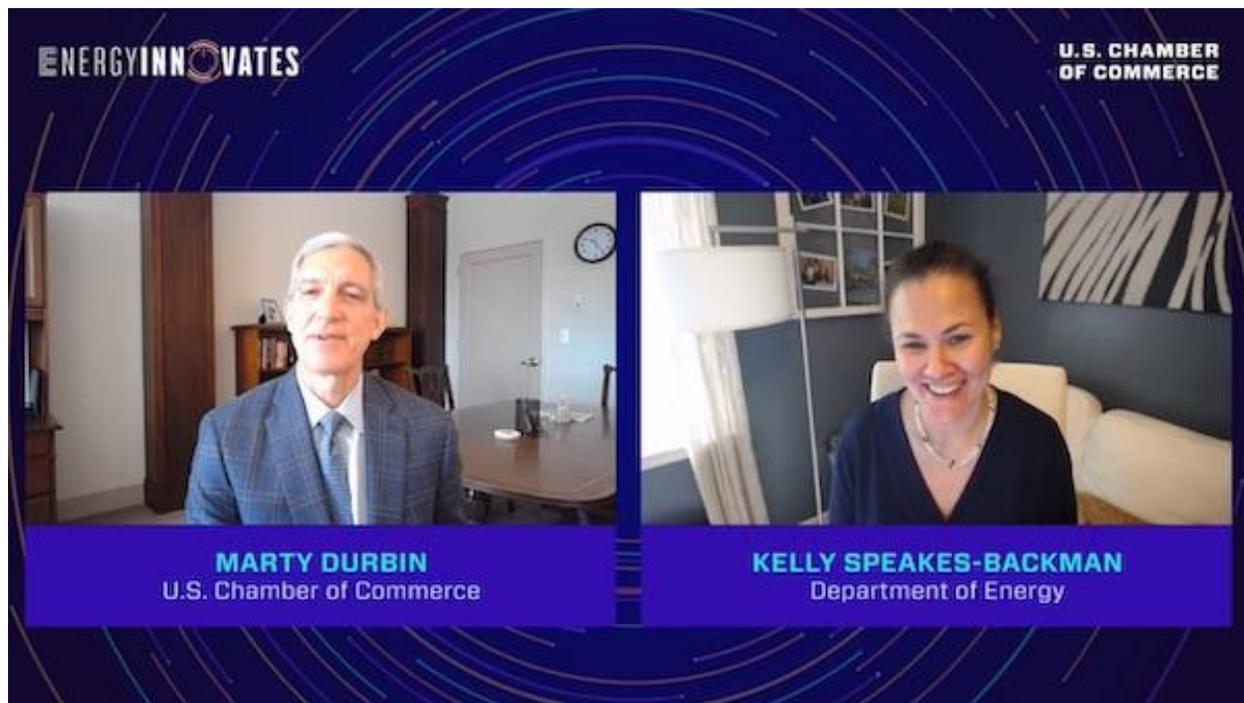


How Innovation is Fueling the Future of Alternative Vehicles and Fuels



Among the major economic sectors, transportation represents the largest source of greenhouse gas emissions, comprising about 30% of economy-wide emissions. But businesses are working hard to deliver solutions.

Today's [EnergyInnovates event](#) on alternative fuels and vehicles examined how the business community and the Biden administration can continue to foster American leadership on innovation and emission reductions in the transportation sector. Speakers discuss the outlook for greater deployment of alternative vehicles and fuels, challenges to adoption, and both the need and opportunities for associated infrastructure buildout.

Key takeaways:

- **Building out EV infrastructure:** “The name of the game for deploying these 500,000 EV chargers as a start to what we need for an electric vehicle infrastructure is really just coordination and cooperation, not just with the state and locals but also, you’ll see it through the budget and responsibilities, there’s a lot of coordination that has to happen across the federal government as well,” said Kelly Speakes-Backman, Acting Assistant Secretary, Office of Energy Efficiency and Renewable Energy (EERE) at the U.S. Department of Energy.
- **We’ve come a long way:** “Cars today are cleaner than ever before. Light-duty vehicles emit near zero tailpipe emissions and are 99% cleaner than they were in 1960s. Since

2004, vehicles have become more fuel efficient, while also increasing performance, durability and acceleration, which are key purchasing decisions for consumers,” noted Julia Rege, Vice President, Energy & Environment, Alliance for Automotive Innovation.

- **All of the above approach:** “Everything from compressed natural gas to liquefied natural gas to hybrid electric to electric, to propane, to hydraulic hybrid...we clearly see that as an all of the above approach,” said Tom Jensen, SVP of Transportation Policy at UPS, in regards to the company’s expanding alternative vehicles fleet. “We need to make sure we encourage policymakers to not pigeonhole industry into any one specific fuel per se, but let’s find out what works the best.”

Learn more about the [upcoming events in this series](#).

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