

ELECTRIFIED TRANSPORTATIONFOR A HEALTHY & PROSPEROUS UTAH

OPPORTUNITY

Today the transportation sector is the largest source of greenhouse gas emissions in the U.S. There are a variety of solutions to this challenge, including investment in bike and pedestrian friendly infrastructure, accessible public transit, and developing communities that are people-centric.

Zero emission cars, trucks, and fleets are among the most impactful climate solutions out there. By electrifying transportation, we cut out tailpipe emissions and leverage local energy to fuel up modern-day mobility.

BENEFITS OF ELECTRIC TRANSPORTATION

- No tailpipe emissions = clean air
- Millions in state and federal incentives are available to help make the switch to electric
- Between lower fuel costs and lower maintenance costs, it's cheaper to own electric cars and trucks
- Expanded access to charging supports equity and clean air

PATHWAYS FOR SUCCESS



Electrification of MDHD Vehicles

Medium- and heavy-duty (MDHD) vehicles have an outsized impact on air quality, despite being only 10% of total vehicles in the U.S.



State policy supporting electrification

Policies that incentivize the electrictrification of MDHD vehicles help commercial and government fleets keep up with the increasingly electrified transportation sector.



Expand access to charging in multifamily housing

Access to charging in multifamily housing is essential for equitable EV adoption and aligns with new EV incentives for low- and middle-income families.



FAST FACTS

Electric transportation reduces emissions, cleans the air, and combats climate change while leveraging local energy for fuel

10%

Vehicles in the U.S. that are Medium to Heavy-duty trucks 28%

of US emissions come from medium to heavy duty trucks 80%

of passenger EV charging happens at home

\$7.5 billion

available for in electrified transportation

LEADING BY EXAMPLE

Utah Paperbox Deploys Heavy-Duty Class 8 Battery-Electric Truck

Utah PaperBox, a family-owned business that delivers paper products in the Salt Lake City region, has become the first company in Utah to invest in a zero-tailpipe emission Volvo VNR Electric truck. With a range of up to 275 miles, the VNR Electric will allow the paper company to service its high-traffic delivery routes between Provo, Ogden, and Salt Lake City, Utah.



WHAT IS MY ROLE?

Fleet Managers

Commit to electrifying your fleets.

For larger fleets, a fleet analysis that includes charging infrastructure needs is a practical first step. Fleets should become aware of the available incentives, procure vehicles, and train employees on the technology.

Developers and Local Leaders

Local leaders can champion policies such as EV-readiness ordinances that expand access to EV charging in multi-family housing. Developers can make your multifamily projects future-proof by installing EV charging infrastructure.



Learn more and get started today: Kelbe Goupil | Senior Associate-Electrification kelbe@utahcleanenergy.org | (801) 363-4046 (Office) | (765) 667-4733 (Cell)