



Alliance for  
Transportation  
Electrification

# Overview of the Alliance for Transportation Electrification

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New Technology Deployment and Grid Integration  
Working Group 1

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## The Alliance:

A broad and diverse coalition  
advocating for the acceleration  
of transportation electrification  
across America.

[www.evTransportationAlliance.org](http://www.evTransportationAlliance.org)

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We have a “big tent” collaborative approach; our members include:	
Utilities (18)	EV Service Providers (7)
OEMs (Auto and truck makers)	Domestic trade associations
Engineering, Procurement, & Construction Firms	
Open Charge Alliance (OCA), the Netherlands.  We intend to grow and recruit new members.	



## The Opportunities

A large and growing EV charging infrastructure gap and lack of consistent standards.

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Widely-varying interest by regulators and utilities, whose leadership and investment is essential.



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## Our Strategy

Cooperation and sharing of experiences and best practices among a wide group of stakeholders, with a focus on developing regulatory frameworks around transportation electrification to promote facilitation or ownership by electric utilities.



## Key Components of Broach Approach

- Level 2 and DC Fast Charging, part of utility portfolio
- Passenger vehicles (home, workplace, multifamily)
- Medium duty trucks (delivery & shuttle depots)
- Heavy duty trucks (long-haul depots & interstates)
- Transit vehicles (depots and on-route)
- Airports and ports (off-road applications)
- Public education and outreach



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## Why?

- Capital costs are too high without utility involvement
- Cleaner air
- Optimizes grid utilization, and allows other grid-edge applications – DERs and demand response
- EVs are less expensive for end-users (especially Total Cost of Ownership)
- Benefits of smart charging with good rate design
- Promote interoperability and open standards – both for consumer convenience and to avoid stranded assets