



Webinar Agenda | December 6, 2021

Webinar | Join by Phone: +1-415-655-0003; Access Code: 2301 408 3062

Join Online:

<https://txdot.webex.com/txdot/onstage/g.php?MTID=e88e0e03befe813e6dff3ccaca0887b41>

Objectives:

- 1) Understand the future of vehicle electrification expansion in Texas, including future technologies like inductive charging corridors.
- 2) Recognize the emerging role that hydrogen fuel cell vehicles can play in the growing alternative fuel sector, and what planning and infrastructure is necessary for further expansion.
- 3) Prioritize white paper topics for future research.

12:30 PM | Call-in Period to Do Sound and Technology Check

1:00 PM | Introductions & Updates – *Darran Anderson, TxDOT and C. Michael Walton, UT Austin*

Report on key transportation initiatives, progress of the Texas Technology Task Force, and major ongoing projects.

1:15 PM | Tech Update: Growth of the Hydrogen Fuel Cell – *Mark Chung, NREL*

When discussing alternative fuel vehicles EVs often dominate the conversation, when in reality this is only part of the conversation in the industry shift away from traditional internal combustion engine vehicles. This presentation will center on the growth of hydrogen fuel cell vehicles, the future of this technology, and other related necessary infrastructure.

1:40 PM | Legislative Primer – *Melanie Alvord, TxDOT Legislative Affairs Team*

A presentation of the Federal infrastructure package, focusing on impacts related to electrification and alternative fuels.

1:55 PM | Electrification Spotlight – *Nick Nigro, Atlas Public Policy (pre-recorded video)*

Brief overview of key trends and market forces driving the increased adoption of electrification technologies.

2:00 PM | Break

2:05 PM | The Present and Future of Electrification in Transportation

Moderator: Scott Hinson, *Pecan Street*

As electrification technology and related infrastructure continue to improve and expand, Texas enters an exciting era of alternative fuel mobility innovation. Continually, Texans are driving EVs at a growing rate, in the near future, this brings about new questions relating to expansion of charging infrastructure and grid stability. Looking further, electrification innovation is taking shape in the form of inductive charging corridors. This panel discussion will dive into the

emerging trends in electrification and other alternative fuels, the roles this shift will play in mobility on a wider scale, and what future technology is beginning to emerge.

Laura Morrison, TxETRA

Anne Blair, Electrification Coalition

Karl Popham, Austin Energy

Thomas Stout, HDR

Nate Hickman, Texas Commission on Environmental Quality

3:00 PM | Open Discussion

3:15 PM | Prioritization of White Paper Topics – *UT Austin*

Task Force members have an opportunity to prioritize white paper topics for future development and publication.

3:25 PM | Closing Remarks – *Darran Anderson, TxDOT and C. Michael Walton, UT Austin*

3:30 PM | Adjourn