

A G E N D A

CFEE Transportation Conference

Living the Dream...or Just Dreaming? Visions for Cleaner, Smarter, and Better Transportation

August 19-20, 2021
Tesla Factory, Fremont & The Claremont Hotel, Berkeley

As our transportation challenges mount, so too do our ambitions to fundamentally reshape our systems of mobility. Whether it's deploying millions of zero and low emission vehicles, building more resilient and multi-functional infrastructure, or leveraging new technologies to their greatest societal benefit, California is dreaming big on the future of transportation in the Golden State. With tailwinds of federal and state funding pushing us onward, what more can be done to fulfill our dreams of a cleaner, smarter, and better transportation system?

THURSDAY, AUGUST 19

12:00 – 1:15pm	Arrival and Lunch – Meet at Tesla Facility in Fremont – North Admin Training Room
1:15 – 1:30pm	Welcome – Conference Overview and Virtual Roundtable Introductions

- Welcome and Conference Logistics

Jay Hansen, President & CEO, CFEE

1:30 – 2:45pm	<u>Session 1</u> State of the ZEvolution – What's New on Zero Emission Vehicle Goals and Trends?
---------------	---

With the Governor's executive order targeting an end to the in-state sales of internal combustion engines by 2035 and CARB upping the ante on our zero emission (ZEV) and plug-in hybrid vehicle (PHEV) goals, the transformation of our vehicle fleet is gaining speed. What do the coming few years look like, and are we ready for what comes next?

- By 2026, CARB is proposing a goal of 26 percent of combined sales of ZEVS's and PHEV's, and by 2031, a goal of 76 percent in aggregate sales – what programs and policies are supporting this new target?
- How real and realistic is the Governor's Executive Order to inhibit the sale of new internal combustion vehicles by 2035?
- How are auto manufacturers getting ready for the 2035 deadline?
- What does the electric vehicle market look like today? What do adoption trends suggest about where we'll be by 2035?
- What about hydrogen fuel cell vehicles? Are they primed for a greater emergence?

- To what extent is the state supporting the development of the hydrogen vehicle market?
- How will transportation network companies play a role in the ZEV transition?
- What is the role of the legislature as the makeover of our vehicle fleet accelerates?

Liane Randolph, Chair, California Air Resources Board (5-10 min)

Dan Chia, Senior Policy Advisor, Tesla (5-10 min)

Yuval Steiman, Director Corporate Planning, Hyundai Motor America (5-10 min)

Victor Rojas, Senior Vice President, Sustainable Capital Advisors (5-10 min)

Adam Gromis, Global Head of Sustainability, Uber (5-10 min)

Roundtable Discussion

2:45 – 4:00pm

Tour of Tesla Electric Vehicle Manufacturing Factory in Fremont

An exclusive tour of Tesla's flagship manufacturing facility in Fremont, California. At this five million square foot plant, more than 10,000 workers and hundreds of production robots are churning out thousands of electric vehicles every week for delivery to customers in California and around the world.

Tour Logistics:

- CFEE staff will split conference participants into two different groups: Group A and Group B.
- While Group A is taking the facility tour on the Tesla tram beginning at 2:45pm, Tesla officials will brief Group B on the facility and Tesla operations and planning.
- After Group A completes their tram tour, Group B will then take their tram tour while Group A has a debrief discussion with Tesla officials on what they saw and learned.
- After Group B completes their tour, Group A and B will reconvene in the meeting space at 4:00pm for Session 2.

4:00 – 5:15pm

Session 2

Resilient, Sustainable, and Convenient – The Needed Supply Chain and Fueling Infrastructure for Our ZEV and Green Transit Future

What happened over many decades to perfect supply chains and fueling infrastructure for a fossil fueled transportation system is now happening on a much shorter timeline to support the transition to alternative fuel vehicles and green transit. What additional steps are needed to enable manufacturers to develop stable ZEV supply chains and for consumers to have access to convenient charging/fueling networks?

- What does the ZEV supply chain look like today? Where are raw materials coming from? Where are parts fabricated and assembled?
- Is the status quo supply chain ready to handle rising demand? What geopolitical factors are in play?
- How much of our supply chain could and should we develop within California? If we onshore more resource extraction, production, and manufacturing, how do we promote environmental stewardship while encouraging a thriving in-state supply chain.
- What are the current success stories for installing and operating alternative fueling infrastructure?
- Are we on track to install the needed electric charging infrastructure? What are the deficiencies that must be addressed if millions of electric vehicles are to hit the streets?
- What progress is being made on providing charging/fueling stations in lower income communities?
- As municipalities hold the keys to most local land use decisions, how can we better partner with cities and counties as we work to deploy ZEV infrastructure?

David Hochschild, Chair, California Energy Commission (5-10 min)

Hector De La Torre, Board Member, California Air Resources Board (5-10 min)

Bill Elrick, Executive Director, California Fuel Cell Partnership (5-10 min)

Lance Hastings, President, California Manufacturers and Technology Association
(5-10 min)

Cheryl Viegas Walker, Mayor, El Centro (5-10 min)

Roundtable Discussion

5:15pm	Transit to the Claremont Hotel in Berkeley and Check-In
6:30pm	Reception and Dinner – Claremont – Skyline Room on the Mezzanine

*The reception will begin at 6:30pm in the Skyline Room on the Mezzanine.
Dinner to follow.*

FRIDAY, AUGUST 20

8:00 – 8:45am	Breakfast - Empire Ballroom - 1st Floor
---------------	---

Breakfast will begin at 8:00am in the Empire Ballroom on the 1st Floor. Session 3 to begin promptly at 8:45am in the same room.

8:45 – 10:15am	Session 3 The Wave of Cash Meets the Shores of Ambition – How Are We Building a Climate Smart Transportation System?
----------------	---

Motivated by the climate challenge, California is gearing up for a comprehensive overhaul of its transportation system. And after a historic state budget windfall and the arrival of a spend-oriented federal administration, a wave of public funding is on deck to help deliver the state's climate smart ambitions. This panel will feature an open discussion on our key climate planning frameworks, their implications for our transportation system, and how we can get the best bang for the buck and make the most of this critical opportunity.

- What can we expect as the Climate Action Plan for Transportation Infrastructure (CAPTI) is implemented?
- What is the nexus between transportation planning and California's push to protect 30 percent of its lands and waters by 2030?
- As we transition our fleet to zero and low emission vehicles, how does reducing vehicle miles traveled (VMT) help the state achieve climate goals and other priorities?
- What is being done to align transportation, housing, conservation, and social equity goals? How does reducing VMT intersect with these issues?
- How can we coordinate federal, state, and local planning to deliver on multiple ambitious policy goals?
- How much public spending is in play to support our climate smart initiatives? Where is it being allocated?

David Kim, Secretary, California State Transportation Agency (5-10 min)

Kiana Valentine, Executive Director, Transportation California (5-10 min)

Elizabeth O'Donoghue, Director of Infrastructure and Land Use, The Nature Conservancy (5-10 min)

Hasan Ikhata, Executive Director, San Diego Association of Government (5-10 min)

Joseph Cruz, Executive Director, California State Council of Laborers (5-10 min)

Roundtable Discussion

10:15 – 10:30am	Break
10:30 – 12:00pm	Session 4 The Post-Pandemic World – Big, Bold Predictions About Our Changing Society and Our Future Transportation Needs

While thoughtful planning is a necessary ingredient for serving society's needs today and tomorrow, the future is also shaped by forces outside the scope of anyone's best laid plans. And in the wake of the COVID-19 pandemic along with the continued advancement of technology, there are emerging trends that hint at surprising possibilities for our transportation system. This panel will feature provocative predictions from several deep thinkers on the small shifts that may yield big consequences for our future mobility needs.

Taking Back the Streets – Fewer Cars, More Active Mobility and Open Spaces in Our Urban Cores

Rebecca Kaplan, Vice Mayor, City of Oakland (5-10 min)

Telecommuting is Here to Stay?

Gwen Litvak, Senior Vice President, Public Policy, Bay Area Council (5-10 min)

The Robots Are Coming...To Help Solve Our Last Mile Challenges

Blaine Leonard, Transportation Technology Engineer, Utah Department of Transportation (5-10 min)

Alternatives to Transportation Electrification: Biofuels and Hydrogen?

Sally Benson, Director, Global Climate and Energy Project, and Professor, Energy Resources Engineering, Stanford University (5-10 min)

Roundtable Discussion

12:00 – 12:15pm	Summary, Next Steps, and Adjournment
-----------------	---

Jay Hansen, President & CEO, CFEE