



CALIFORNIA FOUNDATION
ON THE ENVIRONMENT
AND THE ECONOMY

A G E N D A

CFEE Transportation Conference

California's Wild Ride Rolls On... How Do We Smooth the Bumps and Stay on Track?

Silverado Hotel, Napa

June 22-23, 2023

As big change rolls through California's transportation system, we still have a way to go before we accomplish an integrated, affordable, and sustainable mobility makeover.

This conference will convene state leaders to examine our latest plans for California's transportation future, consider the funding needed to get us there, and what supportive actions can be taken to ensure all Californians are brought along for the ride.

Hybrid Conference Etiquette and Guidelines

Name & Organization: When you login to Zoom, please input your full name and organization by clicking the three dots in the upper right hand corner. Our guests appreciate knowing who you are. We also ask that you activate your video feed to help simulate the sense of attentiveness and respect that permeates our traditional in-person gathering.

Questions & Comments: This is a uniquely interactive forum, and we encourage and expect robust engagement from those around the table and online. We ask our on-site attendees to place your nameplate on its vertical end when you are ready to jump into the discussion. For those joining remotely, you may 1) type your questions into the chat window or 2) use the "raise your hand" function on Zoom to indicate you would like to ask your question directly. Please limit your comments to two minutes.

Chatham House Rule - Cyber Edition: Those of you familiar with CFEE conferences are aware of our time-honored "Chatham House Rule." This means specific comments are not to be attributed to any one person with the goal of promoting a more candid exchange. At this time, video conferencing is an inherently less private forum and confidentiality is not guaranteed; however, we ask that you help us to uphold our longstanding and respected tradition. To that end, this conference will not be recorded, and we ask you not to record the discussions in any fashion or to share specific, attributable remarks. We appreciate you respecting and supporting the Chatham House Rule.

THURSDAY, JUNE 22**Silverado West Ballroom**

11:30 – 12:45pm	Arrival – Check-In and Lunch – The Arbor
12:45 – 1:00pm	Welcome – Conference Overview and Roundtable Introductions

Preview of conference topics, speakers, and goals

Jay Hansen, President & CEO, CFEE

1:00 – 2:15pm	<u>Session 1</u> A Ride Down the 101 – Transportation Progress Report
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As the sector responsible for moving California and the lion's share of greenhouse gas (GHG) emissions, transportation has long been a focal point of public planning and government intervention. Our opening panel will evaluate several of the key policies, programs, and projects redesigning transportation in California and take stock of our progress in meeting state goals.

- How well is California fulfilling previous Scoping Plan scenarios? Where does CARB see us going in the future?
- Are we on track to meet our statewide goal of reducing GHG's 40 percent below 1990 levels by 2030 (SB 32)? What policies/programs are largely credited for any GHG reductions in the transportation sector?
- CARB envisions a 25 percent reduction in vehicle miles traveled (VMT) by 2030 (baseline 2019), and 30 percent by 2045 – what is the plan to make this happen? As more vehicles are zero emission, is this goal still important?
- After achieving 1.5 million zero emission vehicles (ZEVs) on our roads two years ahead of schedule, are we well on our way to our next target of five million ZEVs by 2030?
- Knowing ZEV fueling infrastructure is critical for ZEV adoption, how is the state progressing on infrastructure deployment? What funding is available or needed to reach targets?
- There have been many reports of low reliability of electric vehicle (EV) chargers – do we know the causes of low reliability? What is the state doing to improve charger performance and overall EV driver experience?
- How are oil and gas companies reacting to state policies and market trends? What is their forecast of California's fuel demand and their role in serving it?
- As the transportation sector decarbonizes, do we have a strategy for ensuring adequate supplies of gasoline, diesel, and jet fuel until suitable alternatives are available and affordable?
- Looking out to 2045, to what extent does "carbon neutrality" leave room for combustion of fossil fuels in the transportation sector?

Hector De La Torre, Board Member, California Air Resources Board

Patty Monahan, Commissioner, California Energy Commission

Andy Walz, President, Americas Products, Chevron

2:15 – 2:30pm	Break
2:30 – 3:45pm	<p><u>Session 2</u> The Never-Ending Story: Infrastructure and Transit Funding</p>

After historic federal investments and a series of flush state budgets, transportation infrastructure and public transit enjoyed a rare respite from the seemingly endless hunt for money. However, good times appear over, and we will soon need new funds for the future demands of our transportation system. What is the status of our funding environment today, and what might be coming tomorrow?

- How much public money is in play for California transportation infrastructure today? Is it enough to meet the scale of the need?
- What is the funding forecast for transit agencies? Do we have a plan to financially support public transit if ridership levels remain low?
- What projects are already leveraging federal infrastructure dollars? How much more federal support is expected for California?
- What is the outlook for next year's transportation state budgetary allocations?
- How much ongoing funding is set aside for climate smart and clean transportation investments? Is it enough?
- Looking down the road, when will we start feeling the pinch caused by the rise of zero emission vehicles and subsequent shortfalls in gas tax revenues? What is the projected gap over time?
- Are ZEV's paying their fair share?
- What are the most promising options to adequately fund the maintenance of our highways and roads in the future?

Tanisha Taylor, Interim Executive Director, California Transportation Commission

Laura Tolkoff, Transportation Policy Director, SPUR

Zak Accuardi, Senior Transportation Advocate, People & Communities Program,
Natural Resources Defense Council

Michael Quigley, Executive Director, California Alliance for Jobs

3:45 – 4:00pm	Break
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4:00 – 5:30pm

Session 3
Connecting the Dots – Land Use, Transportation, and Housing

One of the most complicated aspects of transportation planning is the ongoing challenge to align land use decisions with our housing and transportation needs. It also represents one of the best opportunities for improving climate resiliency while making California more livable and affordable. What progress has been made in linking transportation, housing, and land use planning? What more must be done?

- What does climate adaptive transportation planning look like?
- How does the Climate Action Plan for Transportation Infrastructure (CAPTI) link state dollars with climate-based decisions? How is it supporting better alignment of land use decisions?
- How does the desire to decrease vehicle miles travelled (VMT) shape our transportation decisions? What tradeoffs exist by focusing on VMT reductions? If zero emission vehicles rule the day, why is decreasing VMT still important?
- To what extent is transit-oriented housing development (TOD) happening in California? Does the state have a plan for TOD or should it be left to regional and local transportation planners to figure it out?
- What do our panelists make of the web of rules heavily influencing where and when housing and transportation projects are built? Do we need new policies related to CEQA and local zoning, planning, and permitting to ensure state visions become reality? How do we avoid doing more harm than good?

Toks Omishakin, Secretary, California State Transportation Agency

Nora Vargas, Supervisor, San Diego County and Chair, San Diego Association of Governments

John Bauters, Mayor, City of Emeryville

Matt Baker, Policy Director, Planning and Conservation League

6:00pm

Reception & Dinner – Mansion Terrace & Vintner’s Court

Reception to begin on the Mansion Terrace at 6pm. Dinner to follow in Vintner’s Court.

FRIDAY, JUNE 23
Silverado West Ballroom

7:30 – 9:00am	Breakfast – Mansion Terrace
9:00 – 10:20am	<u>Session 4</u> Transportation for the People: Diverse Mobility for a Diverse California

California’s extraordinary social, economic, and geographic diversity require a similarly diverse set of transportation solutions to meet the varying needs of all our communities and industries. What mobility options, old and new, can be better leveraged to meet the transportation needs of Californians while keeping costs low?

- Why are Californians not riding rail, light rail, buses, and other transit services at higher levels? What is sour in the affordability-convenience-comfortability recipe needed to entice public adoption?
- What about public safety concerns? How do we create a more welcoming, cleaner, and safer environment for all transit passengers?
- Which first and last mile solutions are particularly popular, safe, and affordable?
- What resources are available to help low-income households to make use of the best transportation options for their circumstances? As the vehicle market changes, how do ensure the affordability of liquid fuels and electricity?
- What is the vision for rural communities as fewer and eventually no internal combustion vehicles are sold in California?
- Do we have a plan for multi-family, multiple-unit dwellings to ensure they have convenient recharging options?
- Why is hydrogen emerging as one of the more promising low/zero carbon opportunities for medium/heavy duty vehicles?
- What is the latest buzz about “aerial taxis,” airborne EVs promising to whisk passengers high above urban areas to their destination? Will this be part of our future mobility mix and how would they work?

Michael Pimentel, Executive Director, California Transit Association

Darnell Grisby, SVP, Beneficial State Foundation, and Commissioner, California Transportation Commission

Jack Brouwer, Director, National Fuel Cell Research Center and Advanced Power and Energy Program, University of California, Irvine

Josh Britton, Director of Pilot Training, Archer

10:20 – 10:30am	Break
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10:30 – 12:00pm

Session 5
And So Much More...Going Electric !

With more than 1.5 million electric vehicles (EVs) and plug-in hybrids (PHEVs) on our roads, the rapidly growing EV ecosystem is much more than purchase incentives and charging stations. Our final panel will focus on unheralded changes coming to an EV-centric California. We will explore everything from vehicle-to-grid (V2G) operation! battery reuse & recycling! all the extra weight & road maintenance to come! our workforce! and more!

- What is the game plan for the coming tsunami of EV batteries that will need to be handled at the vehicle's end-of-life? What type of "second life" and recycling opportunities await a lithium-ion car battery?
- What is the best policy for getting batteries into the right facilities at lowest cost and highest effectiveness for either repurposing or recycling?
- Is our energy grid ready for the increased and unique demands of EVs? What progress is being made to harmonize car charging with grid needs?
- Will EVs become a major source of energy storage? Should that scenario be part of the state's planning and how can it best be facilitated?
- How can we ensure electricity rates will be affordable for EV drivers?
- Weighing hundreds and even thousands of pounds more than their gasoline engine counterparts, electric vehicles are a heavier load for our roads to handle – how concerned should we be about this difference? Is there any early planning in anticipation of increased roadway wear and tear?
- What are the workforce implications and opportunities?
- What other consequential, perhaps overlooked, developments might the era of EVs bring to California? How can we best prepare for any unexpected surprises while taking advantage of the benefits?

Jimmy O'Dea, Assistant Deputy Director, Transportation Electrification,
California Department of Transportation (Caltrans)

Laura Lewis, CLO and General Counsel, Sacramento Municipal Utility District

Dan Bowerson, Senior Director, Energy & Environment, Alliance for Automotive Innovation

Jessie HF Hammerling, Co-Director, Green Economy Program, UC Berkeley Labor Center

12:00pm

Closing Remarks and Adjournment

Jay Hansen, President & CEO, CFEE