

Governor's Office of Planning & Research (OPR)

OPR serves as California's comprehensive state planning agency — driving land use, economic development and workforce insights and guidance that directly impact the ZEV market.

Equity: Lead the development and implementation of the “Just Transition Roadmap” and support local and regional resilience planning and implementation through the Integrated Climate Adaptation and Resiliency Program.

ZEV Complementary Objective: Develop a Roadmap for equal opportunities (previously “JT Roadmap”) in consultation with Labor & Workforce Development Agency, other Agencies, Boards, Offices, and Departments, and a variety of external stakeholders, including but not limited to labor, business, and priority communities.

ZEV Action: *Deliver the Roadmap in 2022*

- The Community Economic Resilience Fund (CERF) is beginning its Planning Phase, during which a group of stakeholders in each CERF region will collaboratively develop a vision for the region's future economy. These investments will build a more equitable and resilient economy across the state while developing regional strategies and projects to leverage federal, state, and private funds.

Key Collaborators: California Labor & Workforce Development Agency

Direct Pillar Connection: Workforce

Regarding the Workforce pillar the report touches on industrial planning and economic diversification

ZEV Complementary Objective: Support cross-sectoral and interagency conversations that bring priorities together, including around land use planning and guidance, implementation of SB 743, transportation, housing and development, freight and logistics, etc.

ZEV Action: Convene Metropolitan Planning Organizations (MPOs) and state agencies in discussion about the impact of expansion of ZEVs on VMT reduction goals and achieving a more compact land use pattern in line with the implementation of SB 375. Ensure process facilitates and incorporates input from priority communities.

OPR will continue to work with Caltrans to run the VMT working group to discuss VMT reduction-related topics and actions.

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ZEV ACTION: Execution of EU/CA Climate MoU

1. Set up the 2022 Year Plan together with EU Climate KIC and internal stakeholders (Q1/Q2) to exchange knowledge and expertise with the EU on climate related issues including on transportation
 - *Year Plan 2022 was developed in Q1 and approved by GO in Q2.*
2. Exchange the second OPR intern with the EU to look at mobility solutions like used zero emission vehicle, smart grid, public transition and equitable charging infrastructure (Q2)

- Second OPR intern (Danny Manis) completed the study in Q2 including a visit to the EU and discussion with European Stakeholders in May. Report was delivered in June 2022.
3. Execute the 2022 Year Plan as it relates to the various tangible actions on smart, clean and equitable transportation solutions (Q3-Q4)
- More than ten projects were planned and executed:
 - i. Walkthrough with various CA&EU delegations of the Proof of Concept Smart Transit project in San Francisco
 - ii. Presentation & discussion of SFMTA project with EU/CA smart mobility solution
 - iii. Webinar "Hydrogen in action in Europe and California" was organized and executed on July 20, 2022; see YouTube recording: <https://www.youtube.com/watch?v=moFxr6lMBo> (250+ participants)
 - iv. Organized visits for Regional European Minister and delegation to California: Nissan, Berkeley, Davis, PG&E/Moss Landing, Mayor's Office of Los Angeles, Computer Science Museum and Governor's Office of Planning & Research as part of their Under2MoU with California (Sept. 8-12, 2022)
 - v. Organized First CA/EU Climate Working Conference in Sacramento with most relevant CA agencies (e.g. CEC, ARB, CALSTA/Caltrans, GO-Biz, EPA, SGC and OPR) and European Stakeholders (e.g. Province of Noord-Holland, Climate KIC)
 - vi. Organized EU/CA Urban Air Mobility Roundtable at San Jose State University on September 6, 2022: "How to govern the introduction of Urban Air Mobility in terms of long-term Land Use Planning? Challenges and Opportunities". Participants from CA (NASA, Caltrans, Archer Aviation, Sorama, WISK, UC Berkeley, UC Merced, SJSU, Black & Veatch and CAMI) and EU (Sorama, TU/Eindhoven, Province of Noord-Holland, Climate KIC)
 - vii. Organized and supported Visit by EIT Delegation to California: events in Silicon Valley (Nissan R&D), San Francisco and Sacramento
 - viii. Organized 15 events with ZEM Student Team from Europe in California (of a total of 30 in the US) for companies, universities, government, and middle/high schools & communities on smart, clean, equitable transportation solutions in the context of circular economy needs with participation of EU stakeholders; thousands of students, children and community groups were involved in inspiring engagement about ZEV's and climate change in frontline communities including Gonzales, Greenfield, Rio Linda, Fresno City College and UC Merced
 - ix. Participation and presentation at ITS World Congress Los Angeles (September 18-22, 2022: Smart Mobility and Smart City concepts EU/CA

- x. Execution of supply chain expansion for EV-batteries in CA and EU: Meetings with Dutch Consulate and CA agencies (OPR, CALSTA/Caltrans, CEC, ARB, EPA, GOBiz, iBank, Natural Resources), Industry, Experts and Universities; Presentation and discussion with students at a Middle School in an Underserved Community; Interview for the GIFT program (online platform for Middle School and High School students in Underserved Communities); Participation in LA Auto Show for meetings with OEM's on their battery strategy. Report will be ready in Q1 2023.
 - xi. Organized a Net Zero City and SUMP (Sustainable Urban Mobility Planning) Webinar with EU experts for CA stakeholders (CA State agencies, League of California Cities and Big City Group, Green Cities Coalition) in December 2022; a tangible "shovel ready" SUMP2.0 project is planned in California with frontline communities in 2023; involved CA stakeholders (OPR/SGC, CEC, Caltrans, Green Cities Coalition, UC Davis) in 2024 with EU stakeholders (DG Move, EIT/Climate KIC, EIT/Urban Mobility, Province of Noord-Holland). Knowledge transfer from EU to CA.**
4. Execute the EU/CA comparison study on "EV Car Sharing and Secondhand Market in Underserved Communities"
- Assignment included outreach to 100+ schools in underserved communities in CA through the GIFT platform for Middle and High Schools students enrolled in the STEAM curriculum.
 - Thirty different stakeholders were interviewed at local, regional and state level in CA.
 - Ten different stakeholders were interviewed at local, regional, national and EU level in visiting different European countries (France, Belgium, Netherlands and Sweden).
 - A final report has been drafted and shared with stakeholders.
 - Definition of a specific "EV Pipeline Pilot Project" with buy in from underserved communities in California.
 - **A tangible project is planned to be "Shovel Ready" in Q2 2023 with CA stakeholders (OPR, CEC, EPA, ValleyCan, UC Berkeley/CLEE) in 2024 with EU stakeholders (DG Move, EIT/Climate KIC, EIT/Urban Mobility, Province of Noord-Holland). Knowledge transfer from CA to EU.**

Key Collaborators: California State Transportation Agency, CEC, California Air Resources Board, California Dept. of Transportation, EU Stakeholders

Direct Pillar Connection: End Users, Infrastructure,

Indirect Pillar Connection: Workforce,

ZEV Complementary Objective: CEQA judicial streamlining of ZEV and ZEV charging manufacturing through SB7

ZEV Action: To apply SB 7 for CEQA judicial streamlining of ZEV and ZEV charging manufacturing facilities in excess of \$100million in total development costs.

- OPR continued to work with SB 7 applicants to suggest installing ZEV charging infrastructure and purchasing ZEVs for ridesharing and transit as means to fulfill greenhouse gas mitigation requirements.
- The first project likely to be approved for CEQA judicial streamlining will install 34 ZEV chargers, including seven at an offsite location.
- OPR continued to work with state partners to conduct proactive outreach of CEQA judicial streamlining opportunities to ZEV manufacturers.

Key Collaborators: California State Transportation Agency, California Air Resources Board, California Dept. of Transportation, Dept. of Housing and Community Development, Strategic Growth Council

Direct Pillar Connection: End Users, Workforce,

Indirect Pillar Connection: Infrastructure