

May 2024

Governor's Office of Planning and Research (OPR)

ZEV Role: Long Term Land Use Planning perspective for ZEV's in the broadest sense (from eBikes to ePlanes) with a strong focus on social equity, inclusion, nature based solutions, smart, clean & equitable transportation solutions and community resilience.

Equity Focus: Peer learning and collaboration through execution of specific projects in four crucial areas for California: (1) Smart, Clean and Equitable Transportation Solutions, (2) Regional Resilience, (3) Equitable Transition and (4) Smart Finance.

ZEV Market Development Objectives

1- California's Zero Emission Transit and Jobs roadmap

Project Introduction: The State of California is planning to develop a Zero Emission Transit and Jobs roadmap. OPR has been tasked with leading the development of the roadmap in collaboration with other agencies, including the California Labor Agency. The roadmap should be developed by June 30, 2026.

More details about the roadmap:

This zero-emission roadmap should identify the actions needed to meet California's zero-emission goals, with minimal displacement of existing workers. The roadmap shall include, but not be limited to:

1. An estimation of the number of public operations and maintenance jobs provided by existing buses, rollingstock, vehicles, or related equipment that would require significant upskilling to adapt to the transition to zero-emission.
2. Identification of gaps in skills needed to operate and maintain the new electric powered buses, rolling stock, vehicles, or related equipment.
3. Development of model solicitation and contract language, to be utilized in procurement for zero-emission buses, for the training of public service employees on the servicing of the zero-emission buses being purchased.
4. Development of a comprehensive plan to transition, train, or retrain public transportation system employees impacted by transition goals, including an estimated budget for implementing this plan and the identification of funding streams to fund this transition.

Project Status:

- OPR has identified a research team from the University of California (i.e. UCLA Labor Center). The agreement with the team should be signed and finalized in May 2024. The team should develop and finalize the roadmap by the end of 2025.
- OPR has identified various stakeholders who can engage in various workgroups to support the development of the roadmap.

2- Advanced Air Mobility, Zero-Emission, and Electrification Aviation Advisory Panel (SB800)

Project Introduction:

Existing law, the State Aeronautics Act, governs various matters relative to aviation in the state, and authorizes the Department of Transportation to adopt, administer, and enforce rules and regulations for the administration of the act.

Project Status:

1. This bill require establishment an advisory panel, to be known as the Advanced Air Mobility, Zero-Emission, and Electrification Aviation Advisory Panel, to assess the feasibility and readiness of existing infrastructure, the development of a 3-year prioritized workplan, and pathways for promoting equity of access to advanced air mobility infrastructure, as specified.
2. OPR has been an appointed member of the advisory panel. The bill would require the department to report, not later than January 1, 2025, to the Legislature on the infrastructure feasibility and readiness study and the 3-year prioritized workplan, as specified. The bill would exempt meetings of the advisory panel from the Bagley-Keene Open Meeting Act. The bill would repeal these provisions on January 1, 2026.
3. NASA has invited OPR to participate in the RFI for setting up the "Hollister Corridor".

3- Letter of intent on Advanced Air Mobility between the State of California and the Province of Noord-Holland

Project Introduction:

The State of California (represented by the Governor's Office of Planning and Research (OPR) and the California State Transportation Agency (CalSTA)) and the Province of Noord-Holland have established a collaboration on the subject of Advanced Air Mobility.

Project targets:

1. The Parties shall actively exchange experiences and knowledge related to integration of Advanced Air Mobility into the transportation system, focusing those efforts on equity, sustainability (including emissions and circularity), investment and educational opportunities, land use policies and a healthy and safe living environment.
2. The exchange of experiences and knowledge shall also imply access to the relevant network on Advanced Air Mobility within the whole Kingdom of the Netherlands and to relevant European stakeholders.
3. The Parties agree to organize an annual high-level meeting regarding the ongoing collaboration described in this Letter of Intent, and to make recommendations for enhancement where deemed useful and necessary.

Project Status:

- OPR and NASA participated in active dialogue with European partners during the International Conference in The Netherlands "Amsterdam Drone Week" (April 2024).
- NASA as well as CA stakeholders have expressed interest in developing an Innovation Mission to Europe in 2025.