

# California Environmental Protection Agency (CalEPA)

CalEPA oversees a variety of agencies, including CARB, which work to restore, protect and enhance California's environment. This plan focuses on non-CARB related work.

Equity: Leverage analysis tools and outreach to strategically focus agency actions on high-impact projects and policies.

## **CalEPA ZEV MARKET DEVELOPMENT OBJECTIVES**

**A. Second Life of Batteries:** Lithium-ion Car Battery Recycling Advisory Group  
(Advisory Group)

**Key Collaborators:** CalEPA, CalRecycle, DTSC, CEC, Governor's Office, UC Davis, private entities (vehicle manufacturers, battery manufacturers, recyclers, and trade organizations), and NGOs (including equity and environmental justice).

### **Key Results & Actions:**

- i. **Assembly Bill (AB) 2832 Policy Recommendations by 4/1/2022.** Per AB 2832 (Statutes of 2017, Chapter 822) CalEPA is to submit policy recommendations (AB 2832 Report) to ensure as close to 100% as possible of electric vehicle lithium-ion batteries are reused or recycled at their end-of-life in a safe and cost-effective manner to the California State Legislature. Guiding principles will include alignment with larger environmental equity/justice goals and ZEV objectives. The AB 2832 Report is to be submitted by April 1, 2022.
  - a. **Prepare and Complete Draft AB 2832 Report.** UC Davis, under direction of CalEPA and relevant stakeholders, is to prepare and complete a draft of the AB 2832 Report for review and approval by the Advisory Group. This was completed by December 31, 2021.
  - b. **Finalize AB 2832 Report.** By March 1, 2022, the draft AB 2832 Report is to be reviewed and finalized, taking into consideration suggested edits and comments by relevant stakeholders
  - c. **Submit Report to State Legislature.** By April 1, 2022, AB 2821 Report is to be submitted to State Legislature for consideration and use in developing any relevant legislation.

## **California Department of Toxic Substances Control (DTSC)**

### **A. Second Life of Batteries: Continue to support the work of the Lithium-ion Car Battery Recycling Advisory Group.**

#### Key Results & Actions:

- *Assist in editing and reviewing the AB 2832 Report to be finalized by March 1, 2022.*
- *Streamline permit timeline to support reuse, recycling, and repurposing of lithium-ion car batteries.*

## **Department of Resources Recycling and Recovery (CalRecycle)**

### **A. Recycling: Promote and enable systems for battery and fuel cell reuse, repurposing, and recycling. Support the work of the Lithium-ion Car Battery advisory group.**

#### Key Results & Actions:

- *Assist in editing and reviewing the AB 2832 Report to be finalized by March 1, 2022.*
- *Support recycling and market development of recovered materials through various incentives such as grants, loans, and technical assistance.*

### **B. Biomass and Organics to Hydrogen or Electricity:**

#### Key Results & Actions:

- *Develop systems to promote and enable the connection of waste resources to California's energy system, including in alignment with State's Low Carbon Fuel Standard regulation.*
- *Continue to support the development of new or expanded organics processing facilities when funding with grants and loans.*
- *Promote and implement the SB 1383 (Statutes of 2015, Chapter 395) procurement requirements of recycled organic waste products including transportation fuels.*