



# Regional & State Approaches to Enabling FCEB Deployment for Transit

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# GO-Biz Overview



Business Investment  
Services



International Affairs



Small Business



Permits



Zero Emission Vehicle Market  
Development



Infrastructure &  
Economic Development  
Bank (I-Bank)



# Executive Order N-79-20



Sets three crucial goals for the ZEV Market:

1. 100% of in-state sales of new passenger cars and trucks will be zero-emission by 2035.
2. 100% zero-emission medium and heavy-duty vehicles in the State by 2045 where feasible and by 2035 for drayage trucks.
3. 100% zero-emission off-road vehicles and equipment by 2035, where feasible.



# Innovative Clean Transit Rule

- Adopted December 2018: requires public transit agencies to transition to 100% ZEB
- Beginning 2029: all new purchases must be ZEB
- By 2040: full ZEB transition
- Applies to all buses > 14,000 lbs. (standard, articulated, over-the-road, double-decker, and cutaway)

**ZEB Percentage of Total New Bus Purchases**

Year	Large Transit	Small Transit
2023	25%	--
2024	25%	--
2025	25%	--
2026	50%	25%
2027	50%	25%
2028	50%	25%
2029	100%	100%



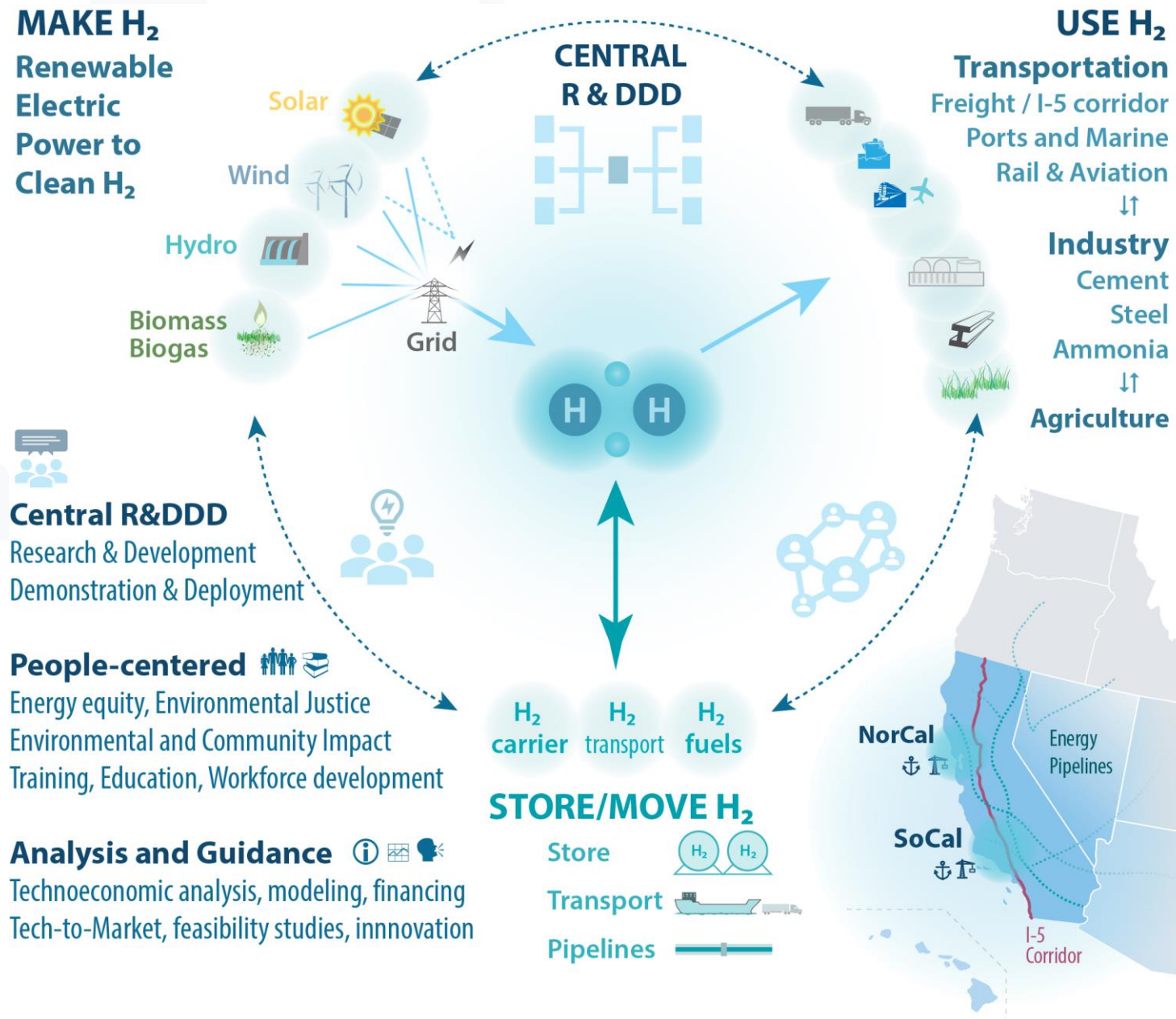
# Our ZEV Goal

Californians can get where we need and want to go using safe, reliable transportation methods that do not harm or pollute our communities and that support local and statewide economic prosperity.





# Alliance for Renewable Clean Hydrogen Energy Systems



# Let's Talk H2 Fuel Cell Buses in the NSSR!





# FCEB Deployment in the North State: Questions we can all learn from

- What is the business case for building infrastructure in rural areas?
- How do we drive down H2 fuel costs?
- How do we keep everything functioning?
- How do we put people to work to support ZEB deployment?
- What is the impact on our community?





# Statewide Transit H2 Procurement Contract

- Goal: Enable easy, reliable access to clean hydrogen
- Informed by transit agency and H2 provider interviews + collaboration with state agencies
- Currently under development at DGS. Plan is to do a Request for Information (RFI) this fall and develop solicitation for spring
- Expected availability: late spring 2024



# FCEB Deployment Business Case Analysis

## 1. Come together

Cross-agency state + regional stakeholder working group on FCEB deployment in NSSR

## 2. Assess current landscape + test things out

Analyze current challenges, resources and opportunities related to transportation and regional economic development; identify solutions to test for addressing noted challenges

## 3. Rigorously examine feasibility and scale

Think in detail through what is worth implementing and how

## 4. Deliver something actionable

- Business guidebook outlining investment and development requirements for deploying FCEBs as a transit electrification strategy in the North State Super Region
- Roadmap for demonstration and/or implementation



# Keep in Touch!

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<https://business.ca.gov/industries/zero-emission-vehicles/>

