

| <b>DOCKETED</b>         |  |
|-------------------------|--|
| <b>Docket Number:</b>   | 20-IEPR-02   |
| <b>Project Title:</b>   | Transportation   |
| <b>TN #:</b>            | 233623   |
| <b>Document Title:</b>  | Energy Commission Clean Transportation Financing and Investment Proceeding |
| <b>Description:</b>     | Presentation by Tim Olson, CEC   |
| <b>Filer:</b>           | Raquel Kravitz   |
| <b>Organization:</b>    | California Energy Commission   |
| <b>Submitter Role:</b>  | Commission Staff   |
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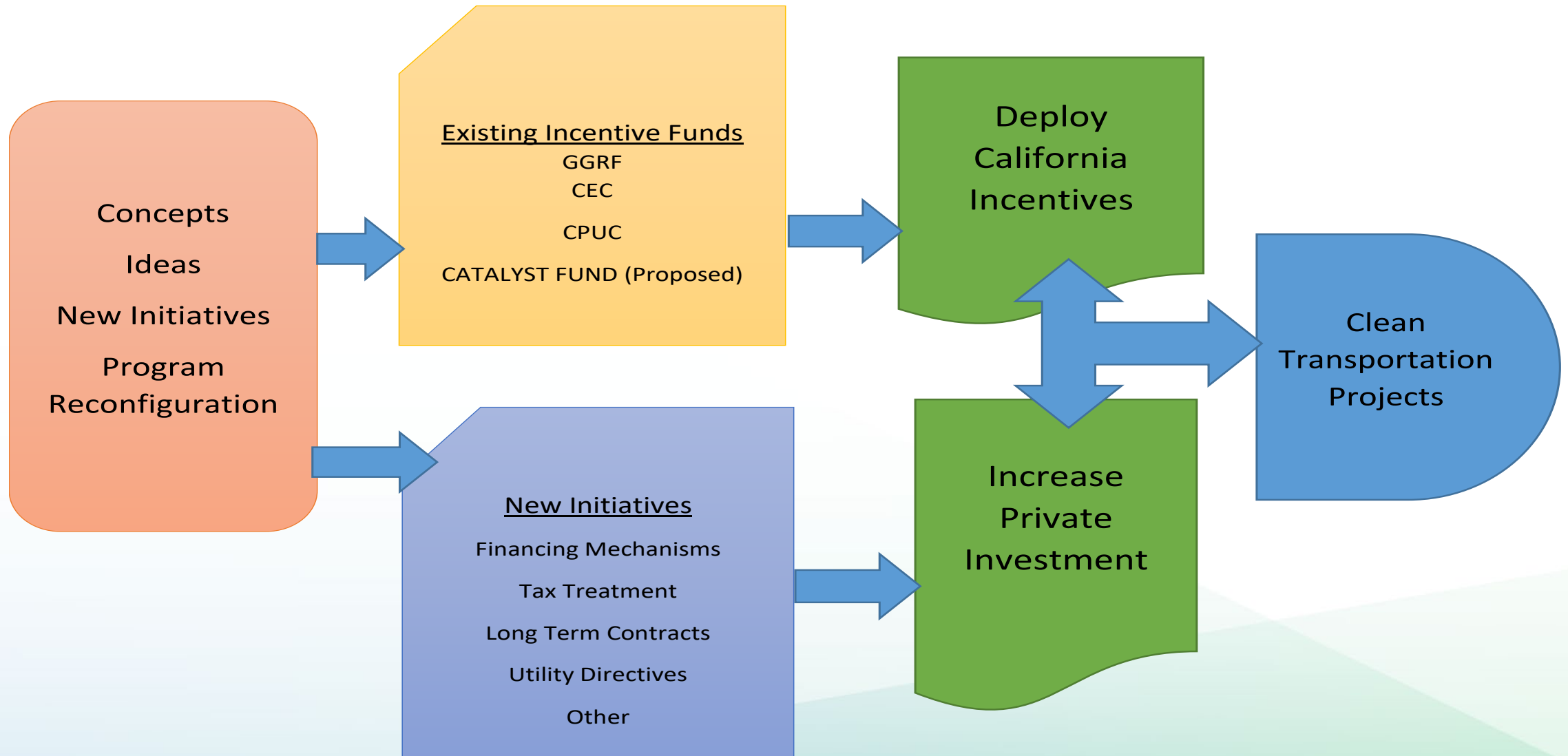


# **Energy Commission Clean Transportation Financing and Investment Proceeding**

## **Integrated Energy Policy Report Workshop June 24, 2020**



# Attract Private Financing in California Clean Transportation Projects (Vehicles, Infrastructure, Distribution and Fuel Production)





# Financing and Investment Partners

## Interested Clean Transportation Partners

Project Developers and Operators  
Fueling and Charging Infrastructure  
Owners and Operators  
Equipment Vendors  
Vehicle and Component Manufacturers  
Fuel Producers  
Fuel and Energy Distributors  
Host Site Owners:

- Buildings
- Work Places
- Destination Businesses
- Highway/Road Corridor Locations
- Forecourt Fueling Sites/Depots
- Dairy Farms
- Landfill Owner/Operators
- Waste Water Treatment Plants
- Food Processing Plants
- Industries and Ports
- Warehouses
- Electric and Gas Utilities
- Government Buildings and Facilities

Vehicle and Fleet Owners

## Interested Investors

Equity Investors  
Investment Banks  
Pension Funds  
Asset Management and Hedge Fund Managers  
Commercial Banks  
Venture Capital



# Proposed Actions – Reconfigure Existing Government Interventions

- Explore mechanisms to aggregate demand for scale-up of EV charging solutions
- Simplify and align existing programs and re-evaluate incentive compliance requirements
- Align government incentives with private investment commitments
- Publish aggregate pricing
- Integrate EV charging with rooftop solar in leveraged real estate (multi-unit dwellings/Maximize Title 24 attributes)
- Increase automaker OEM mandate commitments
- Modify LCFS mechanisms to provide hedges for credits



# Proposed Actions – Establish New Initiatives

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- Establish long term contracts for ancillary services
- Establish multi-year investment tax credit for fuel production, infrastructure, distribution and vehicles
- Provide lender/investor guarantees
- Require IOU long term avoided cost contracts for EVSE investments
- Provide state loan guarantee for securitized insurance company investments
- Establish price stability mechanism for hydrogen and RNG
- Establish hydrogen fuel blending standard in natural gas supply



# Interested Party Participation

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- Request One-on-One Meetings/Calls with CEC Staff to Discuss Ideas and Concepts
- Submit Initial Comments in CEC Docket No. 20-FINANCE-01
- Prepare/Review Aggregate Project Data for Circulation to Investors:
  - Cost and Revenue Streams
  - Current Project Status and Technology, Fuel, and Vehicle Performance Data
  - Market Assessment/Dynamics and Growth Trends
  - Successful Business Models
  - Long Term Contracts
- Request Investment Facilitation
- Participate in Workshops and Workgroup Meetings



# Related Next Steps

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- Conduct Individual CEC Meetings/Calls with Interested Parties (Continuous)
- Summarize Comments in CEC Docket No. 20-FINANCE-01 (July 2020)
- Form Workgroups (3<sup>rd</sup> Quarter, 2020)
- Conduct Workshop(s) to Seek Comments on Proposed Ideas and Concepts (TBD)
- Propose Financing Mechanisms in Pilot Solicitations (2020)





# Energy Commission Contact

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Financing and Investment Initiative at [www.energy.ca.gov](http://www.energy.ca.gov)

<https://www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program>