



7/29/2024

CALSTART – Clean Fuels and Infrastructure

# CLEAN FUELS AND INFRASTRUCTURE (CF & I) INITIATIVE

\*\*Members Only Meeting\*\*

# AGENDA

- Overview of Clean Fuels & Infrastructure Team
  - Structure
  - Leaders
  - Functions
- Highlight Projects and Programs
- Public-Facing Assets
- Priority Areas
- Q&A

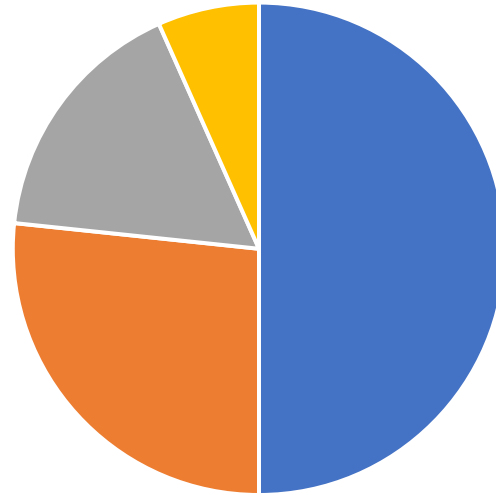


# CF & I TEAM OVERVIEW

How are we structured, and who works on what?

# TEAM ORGANIZATION AND STAFFING

Staff Count by Project



■ Incentives Team ■ Innovative Technology ■ Tribal Affairs and Utility ■ Corridor Planning

Incentives Team	15
Innovative Technology	8
Tribal Affairs and Utility	5
Corridor Planning	2

31 Employees

Partner closely with all initiatives and leverage Regional Office staff

# CLEAN FUELS & INFRASTRUCTURE: TEAM LEADERS



**Stacey Simms**  
Senior Director



**Alyssa Haerle**  
Director, Infrastructure  
Incentive Administration



**Nathan Fernandez**  
Technical Program Manager  
Innovative Technology &  
Infrastructure Planning



**Falisha Lucas**  
Deputy Director  
Utility and Tribal Affairs



**Tesi Bravo**  
Deputy Director, Commercial Clean  
Transportation Infrastructure



**Geoffrey Cook**  
Deputy Director, Light Duty EV  
Infrastructure Incentive Administration



**Michael Joseph**  
Program Manager  
Corridor Planning



# TEAM FUNCTIONS

Incentives:  
Communities in Charge, EnergIIZE

- MDHD ZEV infrastructure Incentives – EV and H2
- LD ZEV Infrastructure Incentives – just EV so far
- Infrastructure Equity Strategy

Corridor Planning

- Strategy Development (I-95, I-80, CA)
- Impact Evaluation and Market Analysis for MDHD planning
- Hub and Corridor expansion projects, policy support and organization

Innovative Technology &  
Infrastructure Planning

- Innovative Infrastructure Technology R&D and Advancement (MCS, H2, V2G, Mobile, Batteries)
- Innovative Infrastructure Deployment
- Industry and Stakeholder Engagement

Utility and Tribal Affairs

- Utility partnerships planning (primary focus on CA and branching into ACT states)
- Co-host Clean Energy Tribal Summits to increase participate in our programs
- GIS and mapping to inform decision making



# HIGHLIGHTING PROJECTS

This is a small sample of some of the projects and programs the CF & I Team is leading.

# CURRENT SCOPE OF WORK

## MARKET INCENTIVES ADMINISTRATION

- EnergIZE – provides incentives to deploy EV and H2 infrastructure for MDHD ZEVs
- Communities in Charge – provides incentives to deploy Level 2 EV charging for LD EVs
- Equity – subject matter expert focusing on equitable incentive design and equity and community outreach strategy

## PLANNING AND TECHNOLOGY ADVANCEMENT

- eTRUC– advances high-power charging technology, strategically deployed in heavy-duty corridors
- I95 East Coast Corridor – Create an interstate ZEV freight plan
- Eaton – Deploy and demo a pilot in an underserved community in Fresno.
- EV Energization RoundTable – Six-part series focused on key barriers and prescribed solutions from stakeholders across the EV ecosystem





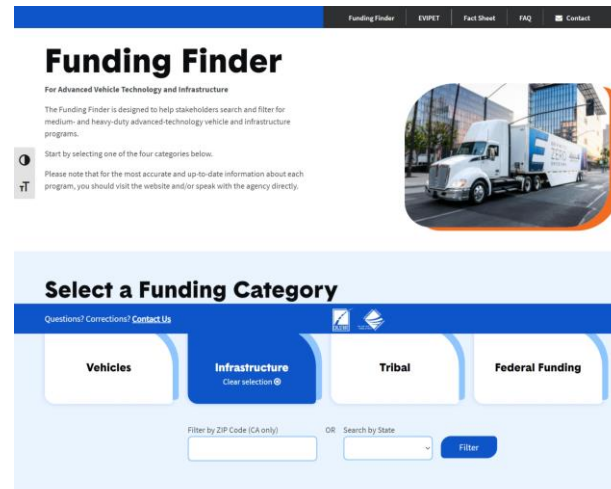
# PUBLIC FACING ASSETS

Assets for our Members

[calstart.org](https://calstart.org)

# CF & I OWNED MEDIA AND DIGITAL ASSETS

## WEBSITES/MEDIA




# RESEARCH AND PUBLICATIONS


EPRI

2024 TECHNICAL UPDATE

## High Power Charging Technology Maturity Assessment

Electric Truck Research and Utilization Center (eTRUC) Project (Task 3.3)



 **eTRUC**

EPRI

2024 TECHNICAL UPDATE

## Freight Industry Outreach Memo – Zero-Emission Truck Infrastructure Community Engagement Summary


Electric Truck Research and Utilization Center (eTRUC) Project (Task 3)



 **eTRUC**

ABOUT INITIATIVES ACTIVITIES MEMBERSHIP RESOURCES NEWS & EVENTS BLOG

## NATIONAL ZERO-EMISSION MEDIUM- AND HEAVY-DUTY INFRASTRUCTURE MAP



**CONNECT. PLAN. REFUEL.**

Find publicly available chargers and hydrogen refueling stations for your zero-emission class 2b-8 trucks!

Plan routes with confidence, check in on corridor developments across every state, and access supply and demand information all in one place.

ABOUT INITIATIVES ACTIVITIES MEMBERSHIP RESOURCES NEWS & EVENTS BLOG



## PHASE-IN STRATEGY



- 

1 Industry concentrates and demand on the grid can cluster and aggregate.
- 

2 Industry and government have prioritized investment.
- 

3 Supportive policy actively takes measures to incentivize the ZE-MHDV transition and/or maximize social and equity co-benefits.
- 

4 Energy will cost less and capacity is favorable near-term.





# PRIORITY AREAS

The CF & I Team has prioritized certain elements of the industry to lend support.

# TEAM STRATEGY

1. Only focus on scalable work across the US+
2. Work towards solving market problems that create the greatest market advancement
3. Always be financially responsible and stable

**Our membership successes will drive the market deployment and advancements needed for a zero-emission transportation future!**

# ENGAGING WITH THE CF & I TEAM

## ACTIONS FOR INDUSTRY GROWTH

- State, local and utility engagement on Planning
- Technology Demonstration Projects focus
- Data collection and validation

## METHODS TO PARTNER

- Federal, state and utility proposals for project funding opportunities
- Member Plus opportunities
- Federal, State, local and utility policy and regulations

# OUR MEMBERS ARE OUR STRENGTH

*We want to collaborate with you!*

Fill out this form, and our team will reach out to discuss how we can best work with you to drive the Zero Emission Transportation space forward!

July Initiative Spotlight: Clean  
Fuels and Infrastructure



<https://forms.office.com/r/GcfykiDTri>



# DISCUSSION

How can we support you better?





# THANK YOU FOR YOUR MEMBERSHIP

We change transportation for good.