

# Center for Sustainable Energy

*Oversight, Infrastructure, and Federalism:  
Ensuring Transparency, Accountability, and Effectiveness of U.S. Infrastructure Investments*

Panel 1: Establishing Mechanisms for Oversight of Infrastructure

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Center for  
Sustainable  
Energy®

# About CSE

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## Successful, financially secure, mission-driven 501(c)(3) nonprofit

- \$200M+ in annual revenue
- >200 employees
- Leader in data-driven incentive program design and administration
  - \$1B+ in EV and EV charging programs incentive programs under management
  - \$1B+ in renewable energy incentive programs (storage & solar) under management
- Financially secure
  - \$10M in cash
  - Multi-year contracts with credit-worthy stakeholders
- Efficiency of for-profit enterprise with heart of a non-profit

## Neutral and trusted

- Fee-for-service model makes CSE independent and unbiased
  - Operations funded by delivering service for value under contract
  - No members or donors to influence positions or actions
  - No shareholder pressure for profit or dividends
- Leveraged neutrality to become trusted advisor to federal and state leaders

One mission —

# DECARBONIZE.

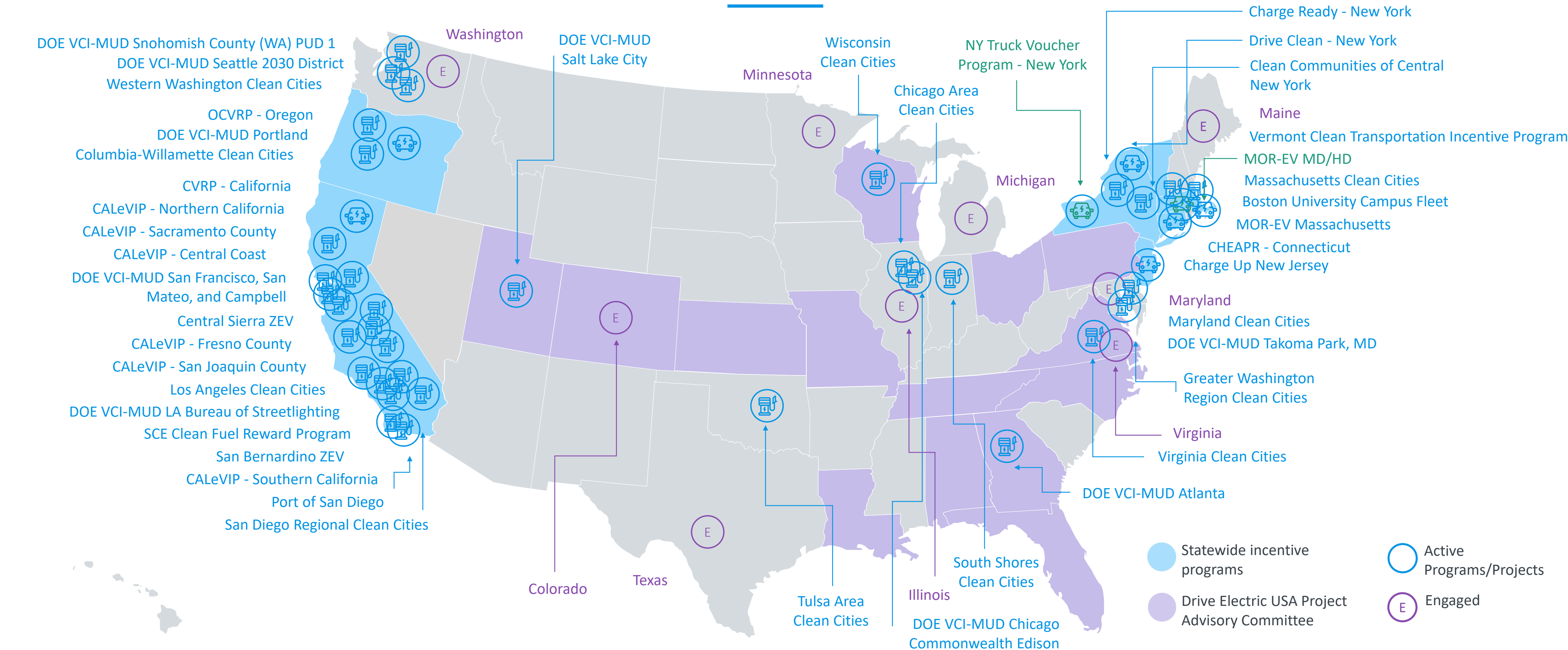
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Our vision is a future with sustainable, equitable and resilient transportation, buildings and communities.





# EV/EV Infrastructure Programs Covering 80 Million Americans



# What does the Infrastructure Investment & Jobs Act do?

## National Electric Vehicle Formula Program

Provides **\$5 billion** to states to deploy EV charging

- States must submit a charger implementation plan by **August 1, 2022**. FHWA will approve plans by **September 30, 2022**.
- Plans should seek to build out designated Alternative Fuel Corridors.
- 20% cost-share is required.
- Formula funding: States receive share of funding equal to the state's share of federal-aid highway apportionments.
- Outreach and other development phase activities are allowable costs.
- First tranche = \$1 billion for 2022

## Discretionary Grant Program for Charging and Fueling Infrastructure

Provides **\$2.5 billion competitive grants** for strategic deployment of alternative fuel infrastructure

- States, cities, and local government are eligible.
- 50% of discretionary program funds are reserved for priority rural and low- and moderate-income communities, tribal communities.
- 50% of discretionary funds will deploy infrastructure along Alternative Fuel Corridors.
- 50% of discretionary funds will deploy infrastructure in communities.
- Outreach and other development phase activities are allowable costs.
- Eligible fuel infrastructure types include EV, hydrogen, propane, and natural gas.

# National Electric Vehicle Formula (NEVI)

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## Plan Creation: Plans should...

- Incorporate existing charging and utility information
- Forecast demand (# of EVs)
- Calculate charger requirements based on charger capabilities
- Incorporate community input (see p. 36 of CSE Oversight Guidance)
- Reflect priority for rural, tribal and disadvantaged communities
- Leverage technology
  - Multi-criteria decision making and GIS technologies for charger siting (see p. 9 of CSE Oversight Guidance)

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## Implementation: Process should...

- Confirm conformity with qualified product list (see p. 41 of CSE Oversight Guidance)
- Confirm site compliance (see p. 39 of CSE Oversight Guidance)
- Include utility collaboration as required
- Confirm networking
- Require trained implementers
- Condition funds on contract obligating data transfer and O&M (see p. 46-47 of CSE Oversight Guidance for description of data set)
- Criteria for technical advisory service providers

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## Charger Data: Create Knowledge Center/Warehouse

- Site data (location, etc)
- Uptime data
- Session data (see p. 46-47 of CSE Oversight Guidance for description of data set)
- Warehoused in readily usable form
- Charger Use Profiles: Convert data to knowledge to improve future planning

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## Operations & Maintenance

- 5-year in-service requirement
- O&M may be provided through private entities
- Major workforce training opportunity (see p. 20 of CSE Oversight Guidance)
- Metrics for confirming financial stability of O&M provider
- Data warehouse used for enforcement