Implementing Equity Utility Energy Forum – Strategic/Policy View

Many thanks to Karen Glitman and Marcus Gilmore!

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Center for Sustainable Energy®





One simple mission — DECARBONIZE®

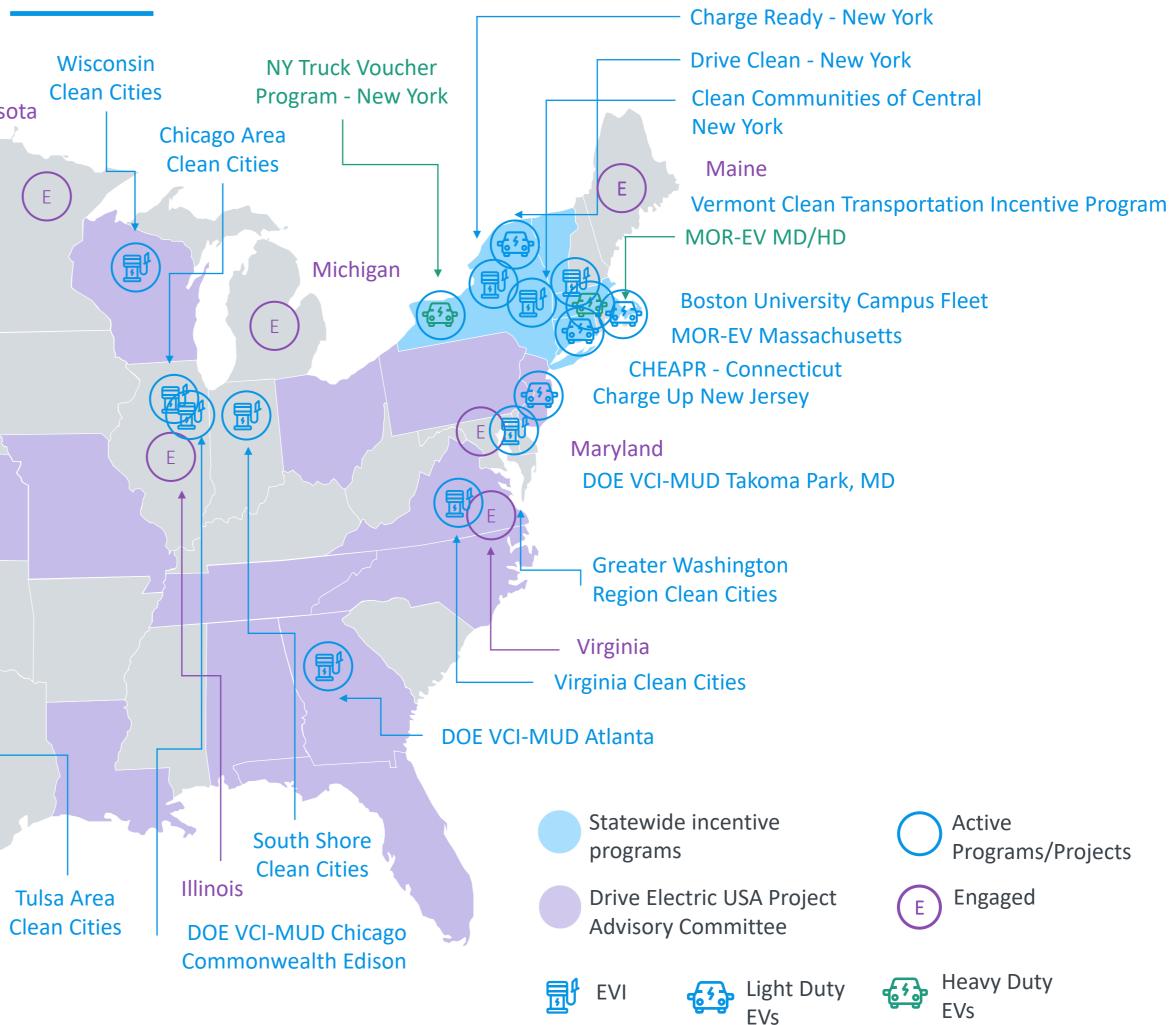
Our vision is a future with sustainable, equitable and resilient transportation, buildings and communities.

Transportation Programs Covering 80 Million Americans

Washington DOE VCI-MUD DOE VCI-MUD Snohomish County (WA) PUD 1 Salt Lake City DOE VCI-MUD Seattle 2030 District Minnesota Western Washington Clean Cities **OCVRP** - Oregon **DOE VCI-MUD Portland Columbia-Willamette Clean Cities CVRP** - California **CALeVIP - Northern California** SacMetro AQMD Clean Cars 4 All **CALeVIP - Sacramento County CALeVIP - Central Coast** ·圜) DOE VCI-MUD San Francisco, San Mateo, and Campbell **Central Sierra ZEV CALeVIP - Fresno County** CALeVIP - San Joaquin County DOE VCI-MUD LA Bureau of Streetlighting SCE Pre-Owned EV Rebate San Bernardino ZEV CALeVIP - Southern California Port of San Diego San Diego Regional Clean Cities Е , • Texas Colorado









Why Equity / Energy Justice Matters

"The impacts of climate change will not be equally distributed across the U.S. population. Those who are already vulnerable due to a range of social, economic, historical and political factors have a lower capacity to prepare for, cope with, and recover from climate change impacts." – U.S. EPA

<u>Climate Change and Social Vulnerability in the United States (2021)</u></u>



Three Tenets of Energy Justice

Distributional

Concerned with the ways benefits, risks and responsibilities are divided throughout the energy system and to whom.

Procedural

Focuses on who is at the decision-making table, and whether, once at the table, everyone's voice is heard.

Recognition

Identifies (1) who is being affected by energy decision-making and (2) who is responsible for this.



Implementing for Equity

Define Problem(s)

(1) Inequitable distribution of adverse outcome, (2) Barriers to accessing clean energy and programs, (3) Limited influence on decision-making.

Design Solution

(1) Focus programs in impacted communities, (2) Target investments for specific constituent segments, (3) Include community voices in all facets.

Measure Outcomes

(1) Quantitative AND Qualitative data on impacts and effectiveness, (2) Track progress towards established goals (3) Calibrate design based on performance.



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