

4/11/2023

driveelectric.gov

Zoom Tips and Housekeeping

- Controls are located at the bottom of your screen. If they aren't appearing, move your cursor to the bottom edge.
- Submit questions using the "Q&A" window



Disclaimer

Notice: This webinar is being recorded and may be posted on the Joint Office website or used internally.

If you speak during the webinar or use video, you are presumed to consent to recording and use of your voice or image.

Agenda

Introduction from the Joint Office

Equitable Cities

Arizona Dept of Transportation

Oregon Dept of Transportation

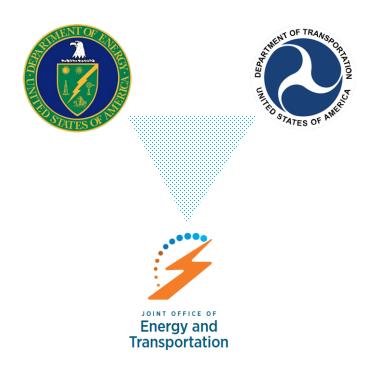
Greater Washington Region Clean Cities

Louisiana Clean Fuels

Facilitated Discussion



Mission and Vision



Mission

To accelerate an electrified transportation system that is affordable, convenient, equitable, reliable, and safe.

Vision

A future where everyone can ride and drive electric.

BIL Programs Supported by the Joint Office

The Joint Office will provide unifying guidance, technical assistance, and analysis to support the following programs:



National Electric Vehicle Infrastructure (NEVI) Formula Program (U.S. DOT) \$5 billion for states to build a national electric vehicle (EV) charging network along corridors



Charging & Fueling Infrastructure Discretionary Grant Program (U.S. DOT) \$2.5 billion in community and corridor grants for EV charging, as well as hydrogen, natural gas, and propane fueling infrastructure



Low-No Emissions Grants Program for Transit (U.S. DOT) \$5.6 billion in support of low- and no-emission transit bus deployments



Clean School Bus Program (U.S. EPA) \$5 billion in support of electric school bus deployments

Technical Assistance Strategies

- Specialized assistance for states, communities, Tribal Nations, transit agencies, and school districts
- One-on-one meetings with states to address questions and concerns related to NEVI Formula Program
- Concierge service (phone, email, web form) to efficiently route technical assistance requests for NEVI, electric school buses, and transit buses
- Technical assistance support team has 50 staff members across 10 organizations.

Technical Assistance

The Joint Office of Energy and Transportation (Joint Office) provides technical assistance on planning and implementation of a national network of electric vehicle chargers and zero-emission fueling infrastructure as well as zero-emission transit and school buses.

States and Communities

The Joint Office provides technical assistance for states and communities creating and executing state plans under the National Electric Vehicle
Infrastructure Formula Program and the Charging and Fueling Infrastructure Discretionary Grant
Program.

Tribal Nations

The Joint Office provides technical assistance to <u>tribal</u> <u>nations</u> electrifying their transportation systems. Learn more about zero-emission transportation <u>funding opportunities for tribal nations</u>.

School Districts

The Joint Office provides technical assistance to school districts applying for or receiving funding through the U.S. Environmental Protection Agency's Clean School Bus Program.

Transit Agencies

The Joint Office provides technical assistance to <u>transit agencies</u> applying for or receiving funding through the Federal Transit Administration's Low or No Emission Vehicle Program.

driveelectric.gov/technical-assistance

Concierge Service Contact Methods: 833-600-2751 | doe-dot.jo.ta@nrel.gov | driveelectric.gov/contact/

DriveElectric.gov

Website connects state DOTs and other stakeholders to resources, including:

- Infrastructure planning and implementation guidance
- Data and tools
- News and events
- Technical assistance request form



A modernized and interagency approach to support the deployment of zero-emission, convenient, accessible, equitable transportation infrastructure

The Joint Office of Energy and Transportation was created through the Bipartisan Infrastructure Law (BIL) to facilitate collaboration between the U.S. Department of Energy and the U.S. Department of Transportation. The Joint Office will align resources and expertise across the two departments toward leveraged outcomes. The office will be a critical component in the implementation of the BIL, providing support and expertise to a multitude of programs that seek to deploy a network of electric vehicle chargers, zero-emission fueling infrastructure, and zero-emission transit and school buses. The scope of the Joint Office will continue to evoke as diffected by both departments.

Contact us

Technical assistance

Benefits of investing in our electric vehicle charging infrastructure

Initial priorities of the Joint Office will be to support states with planning and to implement the National Electric Vehicle Charging Infrastructure program



Support electric vehicles

Accelerates the adoption of electric vehicles, including for those who cannot reliably charge at home to enable up to 50% of new vehicle sales to be electric by 2030.



Fewer emissions

Reduces transportation-related emissions and helps put the United States on a path to net-zero emissions by no later than 2050.



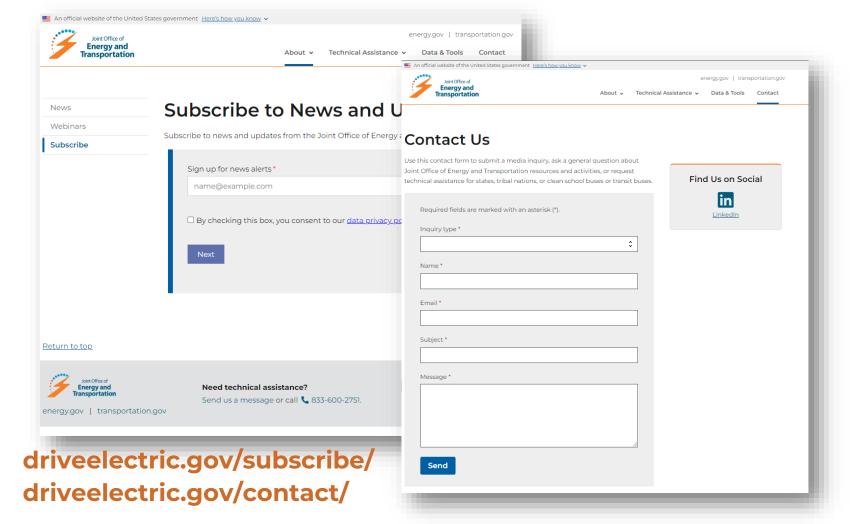
Job creation

Positions U.S. industries to lead global transportation electrification efforts and create good jobs.



A network for everyone

Targeted equity benefits for disadvantaged communities, reducing mobility and energy burdens while also creating jobs and supporting businesses.



Panelists



Monisha Shah
Joint Office



Charles T. Brown *Equitable Cities*



Daina Mann *Arizona DOT*



Dianne Kresich *Arizona DOT*



Brett HowellOregon DOT



Antoine Thompson Greater Washington Region Clean Cities



Tyler Herrmann Louisiana Clean Fuels



Community Engagement Considerations for BIL Clean Transportation Programs (Monisha Shah, Joint Office)

To ensure that we intentionally design our transportation system so that everyone can ride and drive electric...



...we need to bring in everyone's voices, esp. in underserved communities.

DOE and DOT Prioritize the Power of Community



Department of Energy Washington, DC 20585

U.S. Department of Energy's Equity Action Plan Agency Lead: Shalanda H. Baker, Secretarial Advisor on Equity

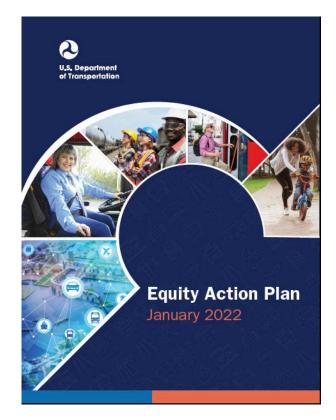
Executive Summary

The Department of Energy (hereinafter DOE or the Department) is responsible for ensuring the Nation's security and prosperity by addressing its energy, environmental and nuclear challenges through transformative science and technology solutions. DOE maintains the Nation's nuclear weapons stockpile, reduces the threat of nuclear proliferation, oversees the Nation's energy supply, leads the Nation in areas of federally sponsored basic research critical to U.S. innovation and international competitiveness, carries out the environmental clean-up from the Cold War nuclear mission and maintains those sites, and operates 17 National Laboratories.

The Department's mission areas touch upon equity and provide an opportunity to advance justice. From the households grappling with issues of energy burden and energy insecurity, to the universities advancing basic research with Department funds and the business and communitybased organizations that partner with DOE to deliver on its mission, the Department has an extraordinary reach. Executive Order (EO) 13985, Advancing Racial Equity and Support for Underserved Communities Through the Federal Government, provides an opportunity for the Department to examine its internal processes and programs to ensure that the agency eliminates barriers to access: transform programs and policies to open even broader pathways for underrepresented groups to access DOE resources; and stand up new programs to better serve communities. EO 13985 provides an opportunity for the Department to continually strive for equity across its mission areas. Moreover, these actions and ongoing efforts will position DOE as a critical partner within an all-of-government approach to tackling the climate crisis. EO 13985—focused on equity within the Department's functions and programs—dovetails with the Department's efforts to ensure that 40% of the benefits of its clean energy, energy efficiency, and climate programs flow to underserved communities (the Justice40 Initiative) and provides the blueprint for delivering on the historic Justice40 Initiative.

In implementing EO 13985, the Secretary's Advisor on Equity (SAE) first stood up an Executive Steering Committee comprised of senior leaders from across the DOE complex. The Executive Steering Committee then embarked on a yearlong, comprehensive process to assess the whole of DOE's activities in the following areas: Procurement, Financial Assistance, Research and Development (R&D), Demonstration and Deployment (D&D); and Stakeholder Engagement. The Executive Steering Committee members led six teams comprised of over 150 DOE staff and managers representing a diverse cross-section of DOE programs and support functions. Each Working Group then provided its top priorities, which were based on an in-depth assessment of barriers to accessing DOE programs. From that list of priorities, the SAE determined the following top five Departmental priority actions to advance equity at DOE:

- 1) Address broad gaps in data collection to facilitate data-informed decision-making.
- 2) Increase opportunities for new entrants in DOE acquisition (i.e., procurement and financial assistance).



Background on Justice 40

WHAT is Justice 40?

President Biden's Jan 2021 **EO14008: Tackling Climate Change at Home and Abroad** created the government-wide Justice40 Initiative, establishing the goal that at least **40% of the benefits of certain federal investments flow to disadvantaged communities**.

WHY Justice 40?

Justice 40 aims to address decades of systemic inequitable historical policies and underinvestment in disadvantaged communities. The initiative aims to bring resources to communities most impacted by climate change, pollution, and environmental hazards.

What Justice 40 means for the U.S. Department of Transportation (U.S. DOT)

At the cusp of a generational investment in infrastructure through the Bipartisan Infrastructure Law and the Inflation Reduction Act, the Justice 40 initiative is an opportunity to address gaps in transportation infrastructure and public services to uplift communities.







Measure Impact and Improve Effectiveness



Strengthen Communities

Community Engagement in BIL Clean Transportation Programs

FHWA NEVI grant: formula grant program to state DOTs; Year 2 plans likely due late summer

- <u>Minimum standards</u> require state DOTs to complete a Community Engagement
 Outcomes Report in their state plans.
- **NEVI funds** can be spent on Community Engagement activities
- State plans available here: https://driveelectric.gov/state-plans/

FHWA CFI grant: competitive grant program; Applications due May 30th

- US DOT will prioritize Highly Recommended & Recommended projects that demonstrate exceptional benefits; and (Criteria #4) "includes meaningful public engagement throughout a project's life cycle"
- Up to 5% of grant award can be spent on educational and community engagement activities
- https://www.fhwa.dot.gov/environment/cfi/;

Joint Office grant: competitive grant program; upcoming

- Community benefits plans
- https://eere-exchange.energy.gov/Default.aspx#Foaldb1c4caa3-4894-4552-8dd9-177d2552599f;

Demonstration of Meaningful and Ongoing Community Engagement

- Establishing or co-creating goals
- Identification and inclusion of underserved communities
- Creating space at the table
- Creating an ongoing process
- Commitment to effective implementation



Meaningful community engagement can improve outcomes by helping to inform decisions with the needs, interests, and concerns of affected stakeholders and groups.

Using the EV Charging J40 map and local knowledge to focus on DACs

Provide education & information on EVSEs

Receive input on DAC priorities and concerns Publicly summarize input from DACs Communicate program design decisions

Communicate and validate benefits received; update program design

How community engagement informed EVSE planning in Pennsylvania

1. Who they met with and what they asked them

2. What they said...

- Majority of advocacy and equity groups have been involved in planning for EV charging infrastructure.
- Majority of small businesses were unsure if they would apply for grant funding if they were required to provide the 20% match.
- Advocacy and equity participants recommended splitting high-use areas
 and environmental justice (EJ) areas as locations of priorities after AFC
 build out, community meetings, public transit & micro mobility hubs
 in low-income communities, and small and disadvantaged business
 enterprise (SBE/DBE) requirements to include in the NEVI State Plan to
 address equity.
- Participants recommended goals for the plan to include allowing for small businesses to have access to funding, accurate electric consumption reporting and billing for consumer, a process to analyze outcomes to adjust plan on an annual basis, and to tie into other state plans for EV deployment, environmental improvements, and equitable development.
- Provide ample opportunities for community input.
- Leverage the federal Justice40 initiative to ensure benefits are shared equally by disadvantaged population.
- Ensure accessibility at all charging sites.

3. How it was incorporated into the NEVI State Plan Development

Using Engagement to Inform NEVI State Plan Development

The stakeholder engagement sessions and surveys were instrumental in shaping and defining the development of the NEVI State Plan and will be used to guide future plan revisions, program processes and procedures. Examples of how input from engagement was used within the current plan includes the following:

Session/Survey	Examples of How Engagement Used	
	The plan includes specific goals and objectives for equity that were developed with support of engagement input.	
Advocacy and Equity	The plan expanded discussion and emphasis on equitable development, outreach, and benefits, which are essential to the NEVI Program.	
	 PennDOT is working to further enhance ways to ensure small and disadvantage business enterprises are aware of and have opportunities to compete for NEVI formula funding. 	

Attachment: Example Equity Stakeholders and discussion questions

- Gov. Commission on Latino, APA, LGBTQ, African-American Affairs
- NAACP
- PA Developmental Disabilities Council

Advocacy and Equity

Outreach Highlights

Groups

- The African-American Chamber of Commerce of W. PA
- US EPA EJ WG

Clean Cities

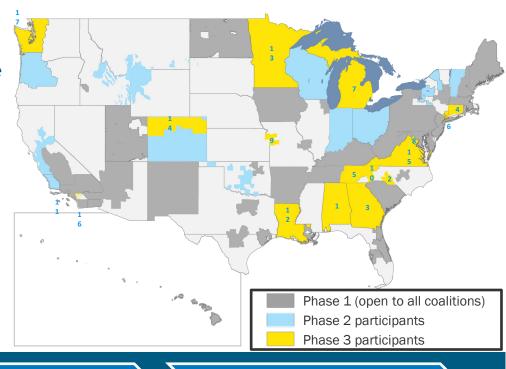
Energy and Environmental Justice Initiative

https://cleancities.energy.gov/energy-and-environmental-justice/

Phase 3 Participants:

- 1. Alabama Clean Fuels Coalition
- 2. Centralina Clean Fuels Coalition
- 3. Clean Cities Georgia
- 4. Connecticut Southwestern Area Clean Cities
- East Tennessee Clean Fuels Coalition (Knoxville)
- 6. Empire Clean Cities (New York)
- 7. Michigan Clean Cities
- 8. Greater Washington Region Clean Cities (DC)
- 9. Kansas City Regional Clean Cities

- 10. Land of Sky Clean Cities (Western North Carolina)
- 11. Long Beach Clean Cities
- 12. Louisiana Clean Fuels
- Minnesota Clean Cities Coalition
- 14. Northern Colorado (Fort Collins)
- 15. Virginia Clean Cities
- 16. Western Riverside County Clean Cities Coalition
- 17. Western Washington Clean Cities

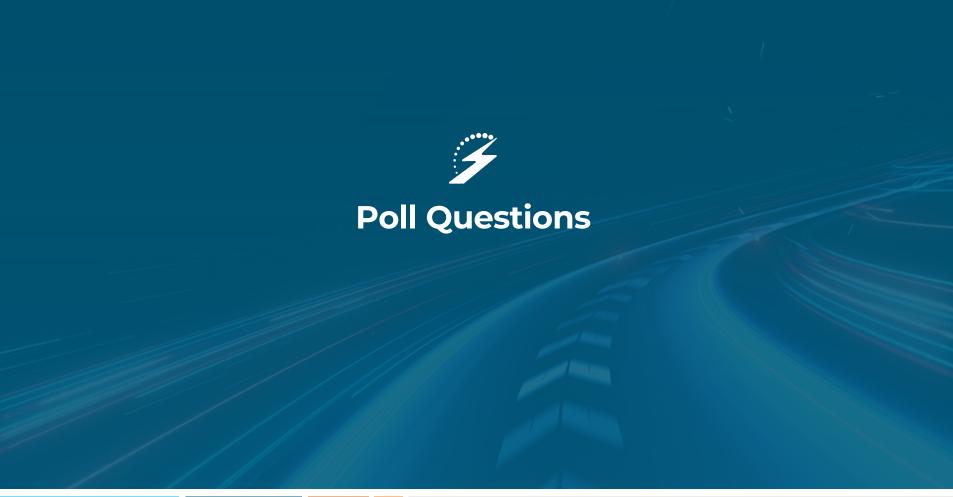


Phase 1: Webinar series open to all Clean Cities Coalitions

Phase 2: Deep dive workshops for 29 coalitions

Phase 3: Hiring of a community engagement liaison for 17 coalitions

Spring 2022 Summer/Fall 2022 Spring/Summer 2023





Community Engagement in

Transportation
(Charles T. Brown, Equitable Cities)



AZEVPlan Electric Vehicle Infrastructure Deployment Plan (Daina Mann and Dianne Kresich, Arizona Department of Transportation)



ADOT EV Plan Public Involvement Overview

EV Consultant: AECOM

Goals

- Facilitate informed input on plan. Provide info on plan objectives, analysis, EV charging basics, federal requirements, timelines for plan development and implementation.
- Secure participation from a broad cross-section of Arizonans, as well as key stakeholders with an interest in EV development.
- Gain insight into Arizonans' views on EV use, including propensity for EV adoption and barriers to use.
- Understand the public's priorities related to station siting and amenities and prioritizing EV corridors.
- Determine the community's perception of EV network concerns.



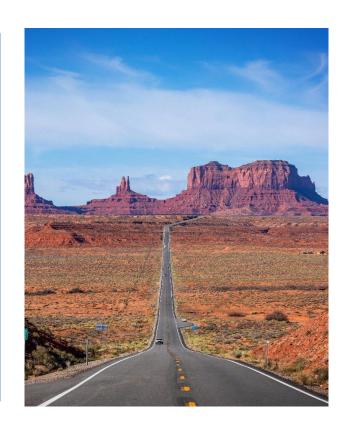
Phase 1 - Summer 2022

Goals:

- Educate about NEVI plan, requirements
- Determine EV propensity/preferences
- Prioritize interstate AFCs for EV network

Activities:

- Virtual Public Meeting
- Virtual Stakeholder Workshop
- Online public survey & stakeholder survey
- 1:1 stakeholder meetings/calls
- Tribal outreach



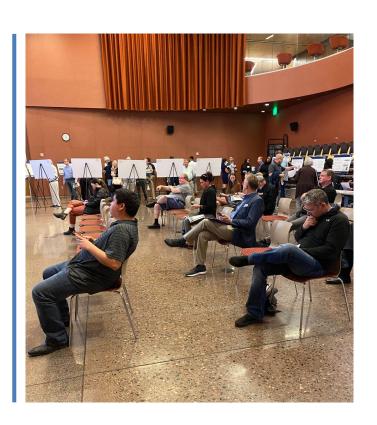
Phase 2 - Fall 2022

Goals:

- Provide details on ADOT's approved EV plan
- Prioritize future non-interstate AFCs
- Seek input on EV plan implementation

Activities:

- In-person public meetings (5)
- Online public survey
- 1:1 stakeholder meetings/calls
- Tribal outreach



Notification methods

- Website: <u>azevplan@azdot.gov</u>
- Ads statewide, local, tribal publications
- GovDelivery emails
- Social media
- News releases
- Key stakeholder communications

Translation/interpretation

- EV public materials translated into Spanish
- Spanish & Navajo interpretation



ADOT EV Plan Public Involvement Results

Public Meetings: 725 attendees

- Virtual public meeting: 302 attendees
- Virtual stakeholder meeting: 245 attendees
- In-person meetings: 178 attendees

Surveys: ~2,500 responses

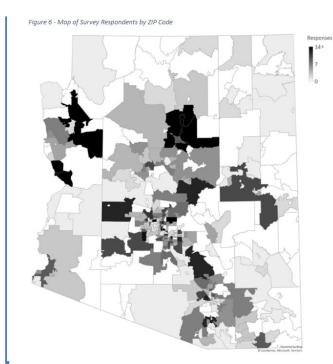
- Public survey 1 : 919 responses
- Public survey 2: 1,423 responses
- Key stakeholder survey: 157 responses

Other

- Email list : ~3k sign-ups
- Constituent inquiry responses: ~400
- 1:1 meetings/calls: ~60

Participation demographics

- Good statewide geographic distribution
- Lower % participation from minorities vs state population



ADOT EV Plan - What we heard from the public

EV Use Propensity

- High participation from current/potential EV users. 36% own an EV; 34% plan to buy one.
- Factors holding back an EV purchase: Ability to travel long distances, purchase price, convenience of charging an EV.

Desires

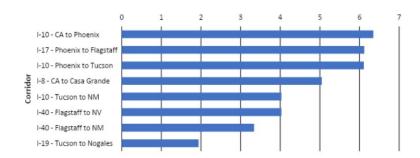
- Expand EV network beyond interstates for access in rural, tribal areas.
- Station amenities/priorities: Shade, safety, security, pull-through stations for trailers, place near existing amenities (food, bathrooms, etc.
- More stations vs. station amenities

Concerns

- Impact of EV stations on electrical demand, other env concerns.
- Impact to ADOT revenues from EV users not paying gas tax.
- Feasibility of EV charger installation in areas without adequate utility infrastructure.

ADOT EV Plan Survey - corridor priorities

Figure 5: Public Respondents' Ranking of AFCs for EVSE Implementation



Roadway	Selections	Selection Rate
SR 64: I-40 to Grand Canyon National Park	409	40.0%
SR 87: Phoenix to Payson	382	37.3%
SR 69: I-17 to Prescott	373	36.5%
SR 179: I-17 to Sedona	365	35.7%
US 89: Flagstaff to UT	353	34.5%
US 60: Phoenix to Wickenburg	275	26.9%
US 60: Phoenix to Globe	248	24.2%
US 93: Wickenburg to I-40	245	23.9%
US 93: Kingman to Hoover Dam	241	23.6%
SR 260: Payson to Show Low	238	23.3%
SR 85: I-8 to I-10	195	19.1%
US 160: US 89 to Four Corners	193	18.9%
SR 89/89A: SR 69/169 to north end of route	164	16.0%
SR 77: Tucson to Pinal County	161	15.7%
US 60: Show Low to NM	160	15.6%
SR 260: Camp Verde to Sedona	154	15.1%
SR 90: I-10 to Bisbee	149	14.6%
SR 347: Maricopa to I-10	137	13.4%
SR 287: Casa Grande to I-10	115	11.2%
SR 68: US 93 to Bullhead City	99	9.7%
US 95/SR 95: San Luis to Bullhead City	96	9.4%
SR 77: SR 260 to I-40	89	8.7%
SR 80: Bisbee to Douglas	71	6.9%

Phase 3 - Spring/Summer 2023 Goals

- Input for 2023 EV plan update
- Announce selected non-interstate AFCs
- Disclose charging station pricing strategy

Activities

- Virtual public meeting
- Tribal/key stakeholder meetings
- Public hearing







ODOT NEVI Community Engagement (Brett Howell, Oregon Department of Transportation)

ODOT NEVI Community Engagement

4/11/2023



ODOT Community Engagement Goals

- Provide a high level overview of the National Electric Vehicle Infrastructure (NEVI) Program
- Facilitate collaboration among key stakeholders
- Solicit input on what the public would like prioritized in the development of NEVI charging stations
- Learn about what the public was most excited about and what concerns they had related to NEVI

NEVI engagement 2022

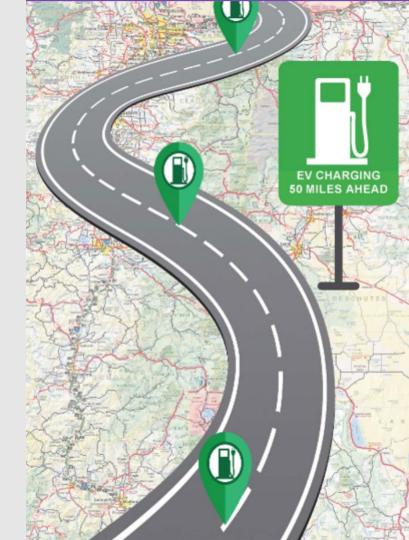




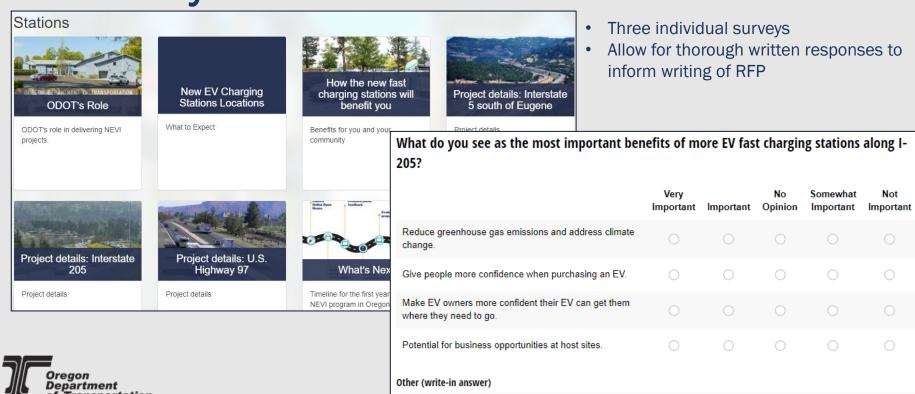
Information Participants

NEVI Engagement 2023

- Online Open House
- In Person Community
 Meetings
- Virtual Community Meetings
- Area Commission on Transportation Presentations



NEVI engagement 2023: online open house and surveys



NEVI engagement 2023

132

Total Survey Respondents

93

EV Drivers

80%*As of 1/31/2023

"More confidence my EV will get me where I need to go"



Available on the NEVI website

Launched Concluded

Jan 19 Mar 31

Other Survey Results

88% of respondents indicated that safety features like 24 hour lighting and security cameras were very important or important

75% of respondents indicated that connecting a rural or smaller community to the greater EV charging network was either very important or important



Consistent themes:

"Consider geography and climate"

"Make sure stations are reliable and well maintained"

"Affordable pricing and workforce training"

"Important to connect rural Oregon to the EV charging network" "Realistic timelines: electrical capacity, supply chain concerns"

"Encourage utility outreach early and often"

Thank you!



Contact: Brett Howell - brett.howell@odot.oregon.gov



Community Engagement Tips
(Antoine M. Thompson,
Greater Washington Region Clean Cities
Coalition)



Community Engagement Tips



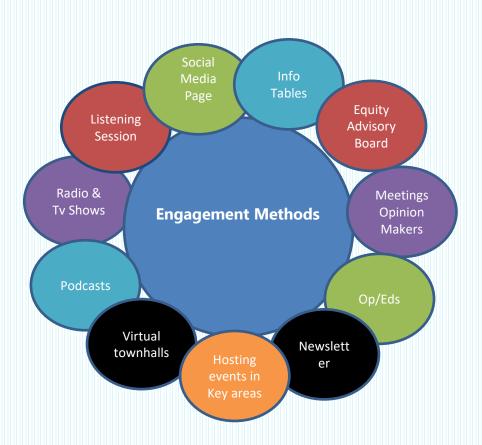
Antoine M. Thompson, Executive Director April 2023

Partner & Stakeholder Asset Map





Engagement Methods & Strategies













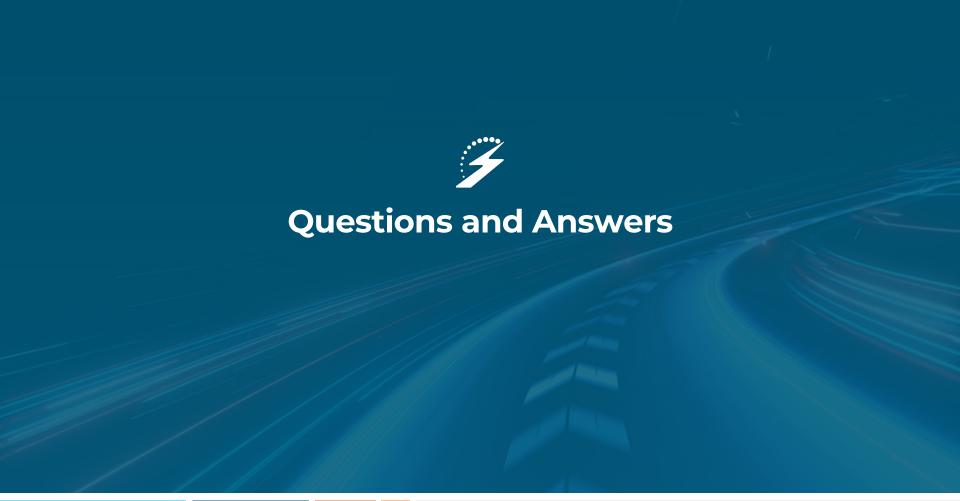




Thank you!



Community Engagement (Tyler Herrmann, Louisiana Clean Fuels)



Additional Helpful Resources for Community Engagement

- Public Involvement Techniques for Transportation Decision Making
 - Public Involvement Techniques for Transportation Decisionmaking (dot.gov)
- Virtual Public Involvement Virtual Public Involvement Public Involvement - Planning - FHWA (dot.gov)
- How to Engage Low-Literacy and Limited-English-Proficiency Populations in Transportation Decision Making - webbook.pdf (dot.gov)
- Every Place Counts Leadership Academy Transportation Toolkit Every Place Counts Leadership Academy (transportation.gov)
- Frequently Asked Questions: National Electric Vehicle Infrastructur (NEVI) Formula Program Q&A (dot.gov)
- Promising Practices for Meaningful Public Involvement in Transportation Decision-Making





Virtual Public Involvement

Virtual public involvement supports agencies' efforts to engage the public more effectively by supplementing face-to-face information sharing with technology.

provide State departments of transportation (DOTs). (MPOs), and rural transportation planning organizations (RTPOs) with a platform to inform the public and receive feedback. These strategies create efficiencies in how information is disseminated and how input is collected and considered, which can potentially accelerate planning and project

ENCOURAGING PUBLIC ENGAGEMENT Public involvement is a critical component in the transportation decision-making process, allowing for meaningful consideration and input from interested

individuals. As daily users of the transportation stem, the public has useful opinions, insights, and



Nearly all State DOTs and most MPOs and local



Upcoming Webinar Topics

April 18th

Sample Cybersecurity Procurement Clauses

April 25th

Community Charging Models



driveelectric.gov/webinars

* Some dates may be subject to change

Thank you!

Today's Presentation: Community Engagement in Transportation

Didn't get your question answered?
Ask the Joint Office: driveelectric.gov/contact



Sign up for Joint Office news, events, and funding opportunities: driveelectric.gov/subscribe

The webinar recording and slides will be posted within a few weeks here:

driveelectric.gov/webinars