WELCOME!

Thank you for joining our webinar.
We will begin at 11 am pacific.

Federal Funding For Electric Vehicle Charging
April 4, 2022
Zoom Webinar 101: What to Expect

• All attendees are muted.
• 30 min presentation
  30 min Q&A
• Check the chat for links.
• Use the chat for technical difficulties.
• This webinar is being recorded and will be available soon.

• Host:
  • Matt Noble, ODOT Communications

• Panelists:
  • Amanda Pietz, Division Administrator, Policy, Data & Analysis
  • Suzanne Carlson, Director, Climate Office
  • Mary Brazell, Transportation Electrification Program Manager
  • Jillian DiMedio, Senior Transportation Electrification Analyst
Zoom Webinar 101: How to ask a question

• Method 1:
  • Click the “Q&A” button and type in your question.
  • You may submit your question at any time.
  • The host (Matt) will read your question to the panelists.

• Method 2:
  • Click the “raise hand” button, or dial *9 if you’re on the phone.
  • Host (Matt) will unmute you.
  • Please ask one, succinct question.
Drivers

ODOT commits $101M+ minimum to transportation electrification charging infrastructure

$52M IIJA dedicated funds + match + Transportation Operating Fund + Carbon Reduction Program + other
INFRASTRUCTURE INVESTMENT AND JOBS ACT

$7.5 Billion for EV Charging

$5 billion
Formula funding (NEVI)

$2.5 billion
Discretionary
(Sect. 11401 Grants)
$5 billion National Electric Vehicle Infrastructure Program (NEVI)

- $52 million to ODOT over 5 years
- 20% non-Federal match required (some expected from private sector)
- Fiscal Year 2022: $7.7 million
- Must be spent along Federally-approved Alternative Fuel Corridors
NEVI: Key Federal Requirements

Objective: Build a seamless national network of public EV charging that is reliable, convenient, affordable and equitable

- Minimum of four high-powered (150 kW) chargers at each site
- Collaboration with agency partners and stakeholders
- Every 50 miles* along Alt. Fuel Corridors; ≤ 1 mile from corridor
  *exceptions allowed
- Development of a State Plan; to be approved by the Joint Office
Oregon’s Electric Alt. Fuel Corridors

7 FHWA-designated corridors currently

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<th>North-South</th>
<th>East-West</th>
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<td>I-84</td>
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<td>US 101</td>
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Map showing the designated corridors.
FIRST YEAR NEVI SCHEDULE

Infrastructure Investment and Jobs Act
November 15, 2021

90 Day NEVI Guidance
February 10, 2022

180 Day Minimum Standards and Requirements
May 13, 2022

Alternative Fuel Corridor Nominations
May 13, 2022

State Plan Development and Coordination with JOET

JOET = Joint Office of Energy and Transportation

State Plans due to JOET
August 1, 2022

FHWA Approves State Plans
September 30, 2022
NEVI STATE PLAN

Timeline

Five year plan due August 1st
FY22 emphasized in first year plan
Updated annually

Existing Conditions

Existing conditions of EV charging deployment
(Transportation Electrification Infrastructure Needs Assessment – TEINA study)

Deployment Strategy

How we will build on TEINA findings and disburse funding

NEVI STATE PLAN

Equity

40% of benefits to Justice40 disadvantaged communities
Labor and workforce development

Collaboration

Partner agency coordination
Public & stakeholder engagement

Performance

Establish 5 year goals
Report on progress toward metrics
# TEINA Study

## Transportation Electrification Infrastructure Needs Analysis (TEINA)

### 9 Use Cases

1. Urban LDV  
2. Rural LDV  
3. Corridor  
4. Commercial Delivery  
5. Long-Haul Trucking  
6. TNCs  
7. Transit and School Buses  
8. Micro-Mobility  
9. Disadvantaged Communities

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<td>12 Listening Sessions by Use Case</td>
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## Stakeholder Engagement
- Website, Fact Sheets, and Public Comments
- Diverse Advisory Group with Periodic Public Meetings
- 12 Listening Sessions by Use Case

## Use Cases

- 1. Urban LDV
- 2. Rural LDV
- 3. Corridor
- 4. Commercial Delivery
- 5. Long-Haul Trucking
- 6. TNCs
- 7. Transit and School Buses
- 8. Micro-Mobility
- 9. Disadvantaged Communities
Justice40

• Minimum of 40% of program benefits to disadvantaged communities

• Benefits include:
  • Job growth & training
  • Increased access to affordable EV charging
  • Increased community engagement
  • Reduced exposure to harmful transportation-related emissions

• Additional guidance to come
NEVI: Our Plans for a Typical Site

“the Oregon Quad Pod”

Charging Stations Every 50-100 miles
Quad: 3x150 KW, 1x350 KW
Future proof for additional 350 KW chargers
Oregon NEVI Deployment Strategy

- Partner with Private Sector
- Pair Corridors
- Build New & Upgrade Existing
- Target Reliability
- Expand Coverage
Oregon’s Proposed Alt. Fuel Corridors

Phased approach for new Alternative Fuel Corridors over five years
Working With Stakeholders
NEVI engagement – a “marathon, not a sprint”

Engage
• Broad range of stakeholders

Inform & Listen
• Needs
• Opportunities
• Suggestions
• Prioritization

Shape the 5 Year Plan
• Incorporate feedback
• Share how the input influenced decisions

Update
• What's working?
• What's not?
• How to improve?
How Can You Engage?

- **April**
  - NEVI Webpage
  - Virtual Open House; Surveys & Interactive Map

- **Early Summer**
  - Opportunity to review State Plan

- **May / June**
  - Targeted outreach to stakeholder groups

- **Late 2022**
  - Regional workshops along first year corridors

- **Future Webinars**
- **Public Service Announcements**
- **TEINA Advisory Group Meetings**
- **Webpage Updates**
- **And more!**
The Big Picture:
Climate Office Transportation Electrification Efforts

- West Coast Electric Highway
- NEVI and Alt. Fuel Corridors
- Community Charging Rebate
- Studies
- Other Federal Funding Programs
- Tools & Analysis
Thank You!

Question & Answer?