



National Electric Vehicle Infrastructure

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National Electric Vehicle Infrastructure **Formula Program**

What is NEVI?

- ✓ Authorized under the Infrastructure Investment and Jobs Act (IIJA)
 - \$5 Billion to strategically deploy EV charging infrastructure
- ✓ **Purpose:** Establish an interconnected network to support a convenient, affordable, reliable, and equitable statewide and national EV network



Approximately **\$63 Million** for investment in Maryland

What are the NEVI Requirements?

1 | Build Out **ALL** Existing Corridors

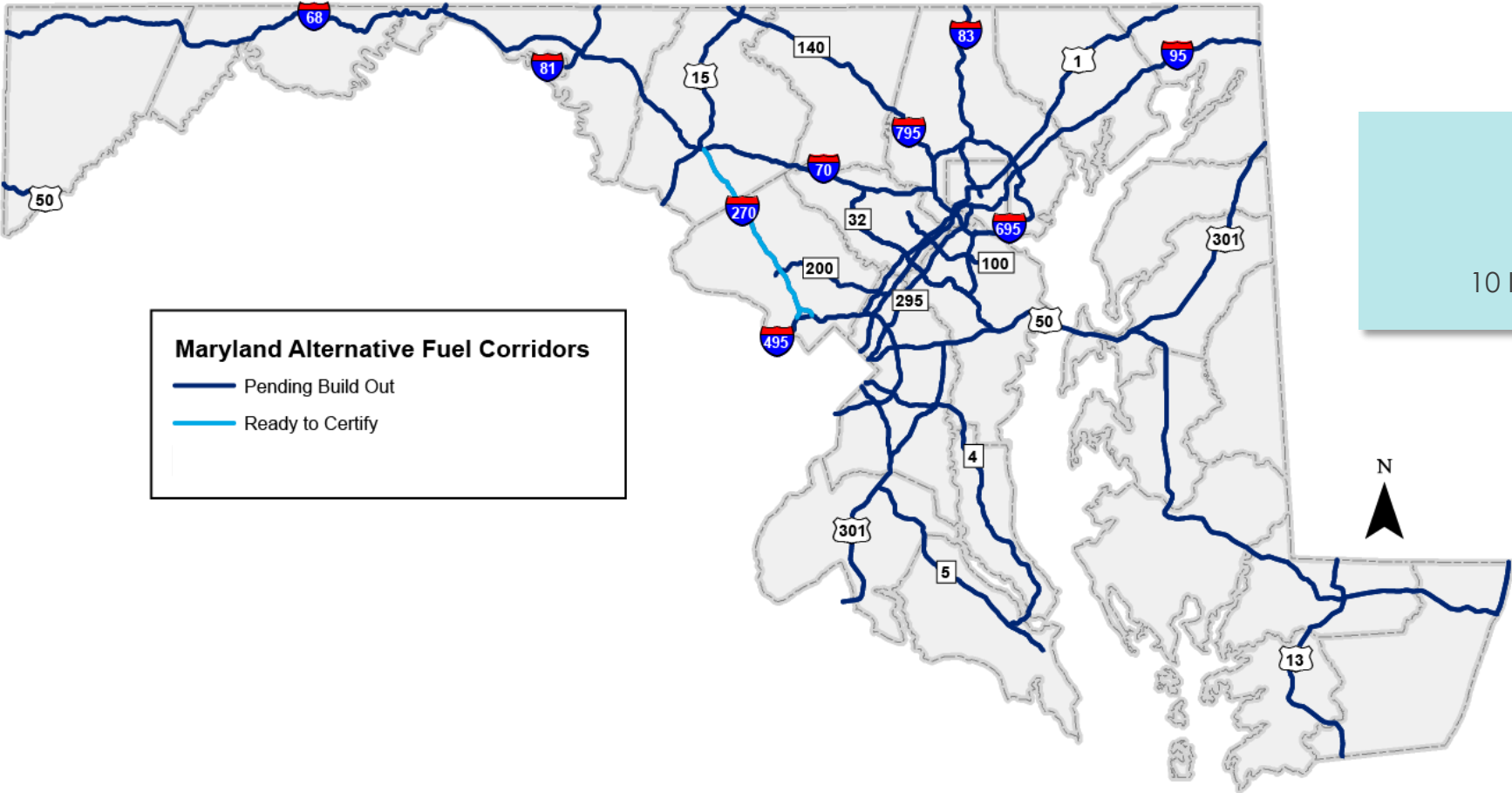
2 | Obtain Certification

3 | Invest in Communities

Build Out Requirements

- ≤ 50 miles between one station/site and the next on corridor (Minimum 2 Stations)
- ≤ 1 mile from Interstate exits or highway intersections along the corridor
- Include 4 Combined Charging System (CCS) connectors - Type 1 ports (Simultaneously charging 4 EVs)
- Maximum charge power per DC ports should not be below 150 kW.
- Site power capability should be no less than 600 kW (Support at least 150 kW per port simultaneously across 4 ports)

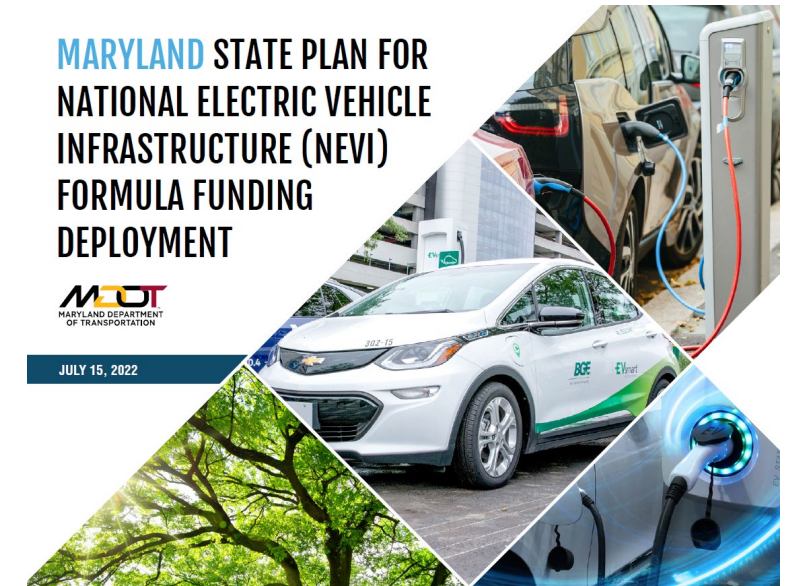
What does that mean for Maryland?



Maryland:
23 Designated EV AFCs
10 Interstates | 5 US Routes | 8 MD Routes

What has MDOT done?

- ✓ Maryland State Plan for NEVI Formula Funding Deployment
 - Initial Plan Submission : July 2022
 - Updated Plan Submission: August 2023
- ✓ Released **two** Request for Information (RFIs)
 - NEVI Formula Funding (September 2022)
 - EVSE End-to-End Data Collection & Data Reporting Solution (February 2023)
- ✓ NEVI Outreach
 - Webinars, Presentations, Events, Surveys
- ✓ NEVI Round 1 Program
 - Being developed by TSO & SHA
 - Targeted investment
 - Build-out specific corridors
 - Cap on funding amount
 - Maximum award per site



Round 1 NEVI Goals

- Maximize Funding
- Demonstrate Early Wins/Progress

Opportunities

Small Business Opportunities

- ✓ Site Identification
 - Located along AFC
 - Located within community (MUDs)
- ✓ Coordination/Partnerships
 - Charging companies
 - Utilities – site power requirements
 - Commerce/Labor
- ✓ Workforce Development
 - Support a diverse and experienced workforce
 - Encourage employee participation in training & apprenticeship programs
- ✓ Stay involved
 - Participate in future NEVI and ZEEVIC outreach, meetings, or webinars
- ✓ Take advantage of non-NEVI tax credits, rebates, grant opportunity
 - MEA, Utilities, etc.

Small Businesses are
Eligible for NEVI Funds

NEVI Resources

Electric Vehicle Charging Siting Tool

- ✓ Developed by MDOT
- ✓ Consolidates national and state data
- ✓ Resource for potential applications to:
 - NEVI
 - CFI
 - Other grant programs
- ✓ Determined if site may be a good candidate for grant program
- ✓ Part of larger AFC & ZEV Dashboard

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION Dashboard & Metrics Fueling Stations & Corridors **EV Charger Siting Tool** Background

EV Charger Siting Tool

The Electric Vehicle (EV) Charger Siting Tool was developed by MDOT as a resource for potential applications the National Electric Vehicle Infrastructure (NEVI) Formula Funding Program, the Charging & Fueling Infrastructure (CFI) Discretionary Grant Program, and/or other federal, state, or local grant programs. The Tool provides potential applicants with data and resources that may be useful for applicants when determining if a site

Instructions

- Turn on and off data layers by clicking the eye icon next to each layer below.
- Increase or decrease a layer's transparency by clicking on the 3 dots following the layer name.

Data Layers

- DC Fast Stations with Less than 4 150 CCS Ports ...
- DC Fast Stations with at least 4 150kW CCS Ports ...
- CNG Fuel Stations ...
- Designated CNG AFC ...
- Propane Fuel Stations ...

[Click for EV Charger Siting Tool](#)

Other Resources

- ✓ Maryland NEVI
- ✓ Maryland ZEEVIC
- ✓ Maryland AFC & ZEV Dashboard
- ✓ EV Market & Infrastructure Data
- ✓ The Joint Office
- ✓ Maryland EV

Maryland NEVI Contact Information



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