



Maryland
Department of
the Environment

State Agency EVSE Programs



The Air Quality Control Advisory Council
June 12, 2023



State EVSE Programs

- MDE: VW Program
 - \$11.3 million
 - Workplace and Corridor/HUB charging
 - Workplace (Level 2 Chargers):
 - 60% of charger cost
 - Up to \$4,500 (Network) or \$2,500 (non network)
 - Corridor/HUB (Level 3 at least 150 kW)
 - 80% of Charger cost
 - Up to \$150,000
 - Three Rounds of Funding:
 - Rounds 1 and 2
 - Corridor/HUB: 26 sites, 71 Chargers
 - Workplace: 50 sites, 315 Chargers
 - Round 3
 - Open later this year



State EVSE Programs

- MEA:
 - Clean Transportation and Energy Act (HB550)
 - \$2.5 million annually FY 23 thru FY26
 - Electric Vehicle Recharging Equipment Rebate Program
 - » 50% of Chargers, up to \$700 (Residential)
 - » 50% of Chargers, up to \$5,000 (Businesses)
 - \$10 million annually FY23 thru FY26
 - 75% of incremental cost of MHD vehicle and charger
 - Alternative Fuel Infrastructure Program (AFIP):
 - Covers up to 50% of alternative fuel Infrastructure
 - MEA is currently reevaluating all of its programs and will finalize them this summer.
- MDOT:
 - Federal National Electric Vehicle Infrastructure NEVI Funds
 - Approx. \$63 million between FFY 2022-2026

June 12, 2023



National Electric Vehicle Infrastructure (NEVI)

Agenda

- ✓ National Electric Vehicle Infrastructure Formula Program
- ✓ Charging & Fueling Infrastructure Discretionary Grant
- ✓ Electric Vehicle Charger Siting Tool
- ✓ Round 7 Alternative Fuel Corridor Nomination
- ✓ Next Steps

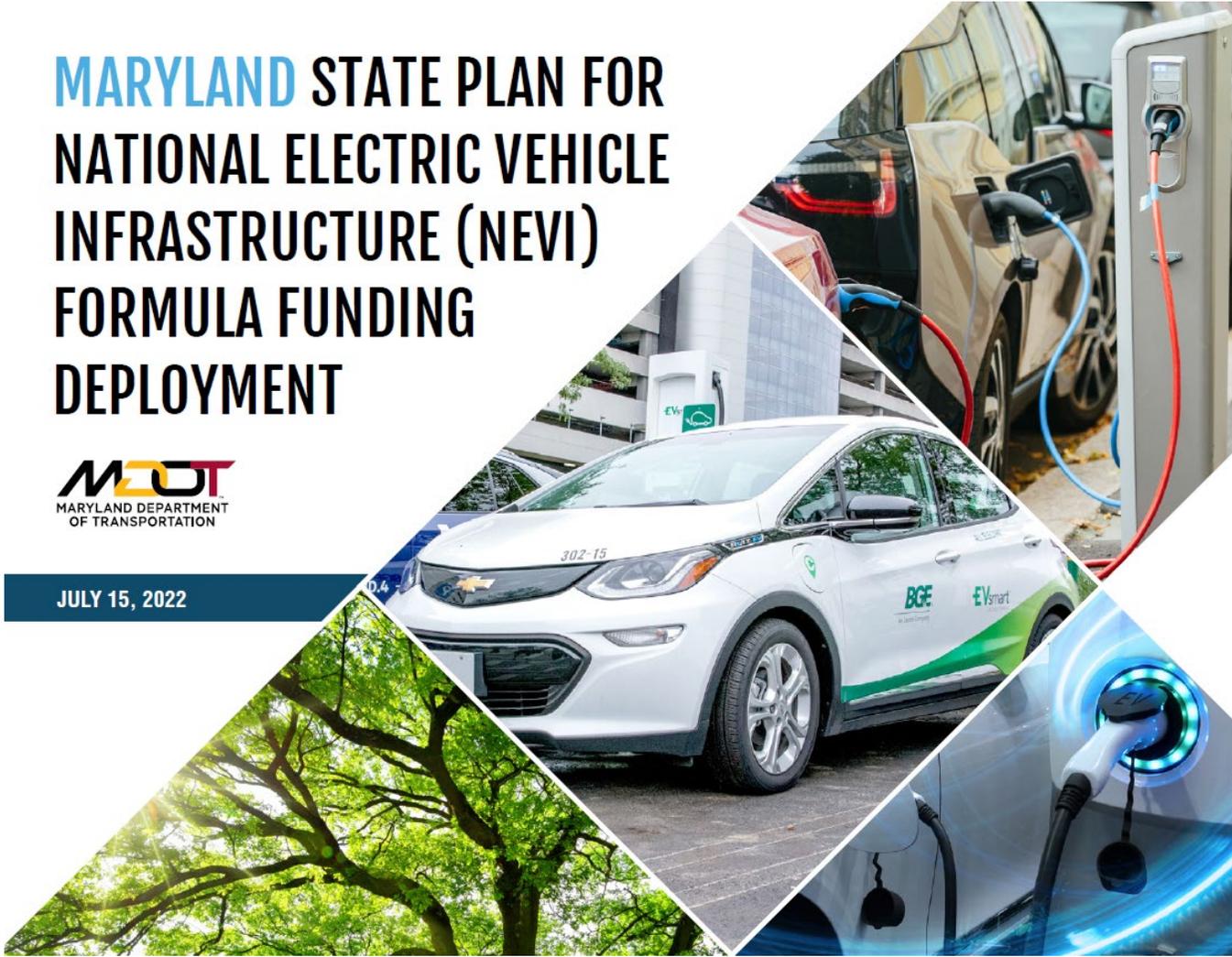
National Electric Vehicle Infrastructure **Formula Program**

NEVI Plan

MARYLAND STATE PLAN FOR NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE (NEVI) FORMULA FUNDING DEPLOYMENT



JULY 15, 2022



- All states submitted plans to the Joint Office August 1, 2022
- **\$57,500,000** for investment in Maryland (after set-asides)
- **Maryland Goals:**
 1. Certify Corridors★
 2. Invest in Communities per **ZEEVIC**

NEVI Round 1 Program Development

- ✓ Being Developed by MDOT SHA & MDOT TSO
- ✓ Released **two** Request for Information (RFIs)
 - NEVI Formula Funding (September 2022)
 - EVSE End-to-End Data Collection & Data Reporting Solution (February 2023)
- ✓ Funding Amount: **\$4.25** million
- ✓ Targeted Investment:
 - Build-out specific AFCs
- ✓ Cap on Funding Awards
 - Maximum award per site

NEVI Program Guidance 2.0

- Released June 2nd

Charging & Fueling Infrastructure **Discretionary Grant Program**

CFI Discretionary Grant Program

- ✓ NOFO Released: March 14th
- ✓ Applications Due: June 13th
- ✓ Consists of **two** Programs
- ✓ Total Funding: **\$2.5 billion** for FY22-FY26
 - \$700 million For FY22 & FY 23
 - 50% for corridor; 50% for community
- ✓ Minimum 20% Match Requirement

Corridor Grant

- Goal: Support build-out of alternative fueling infrastructure along designated AFCs.
- Minimum anticipated award of \$1 million
- No max award size

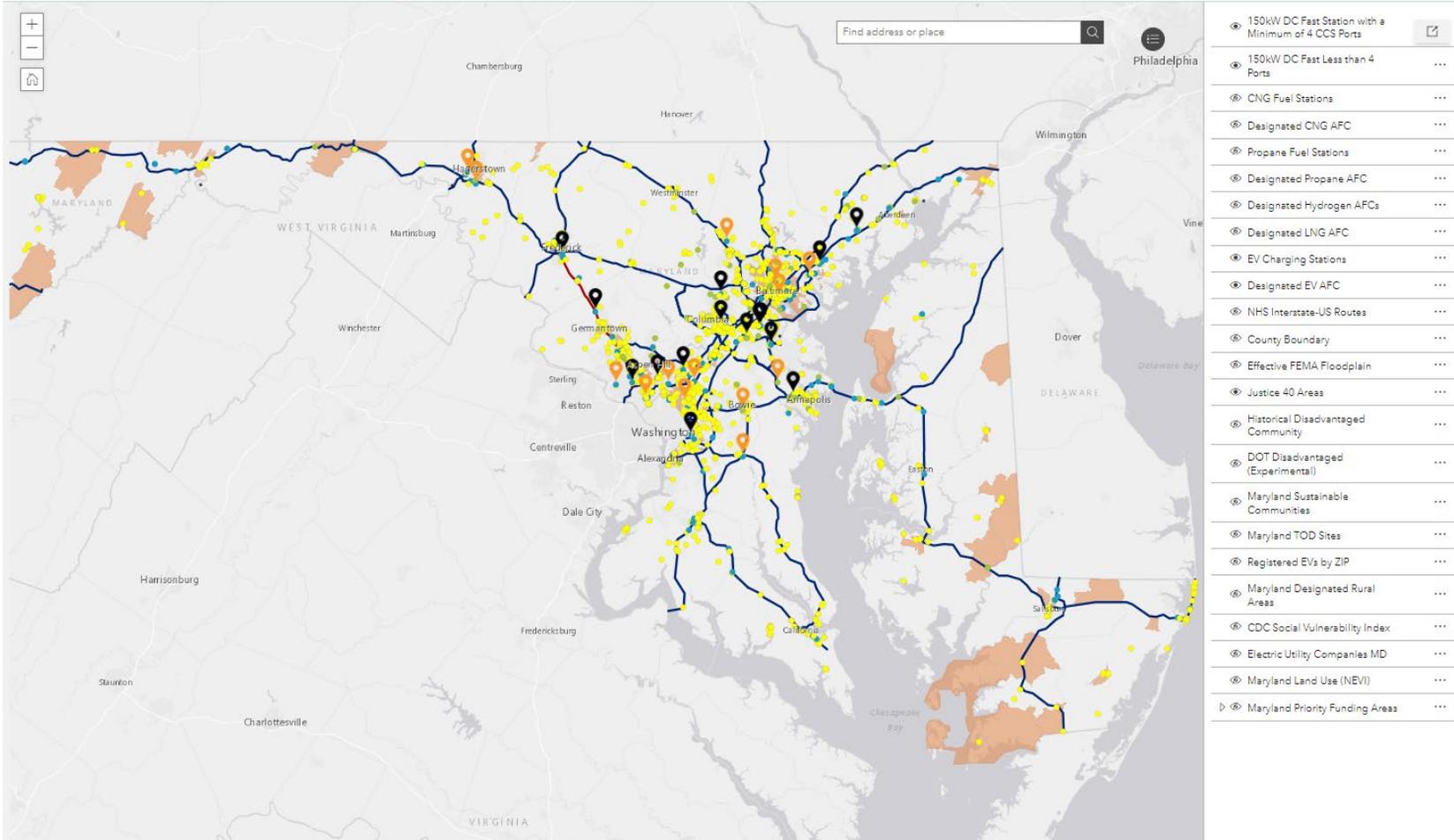
Community Grant

- Goal: Reduce GHG emissions AND expand access to or fill in the gaps of alternative fueling infrastructure.
- Minimum anticipated award of \$500,000
- Max award of \$15 million

Electric Vehicle Charger Siting Tool

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

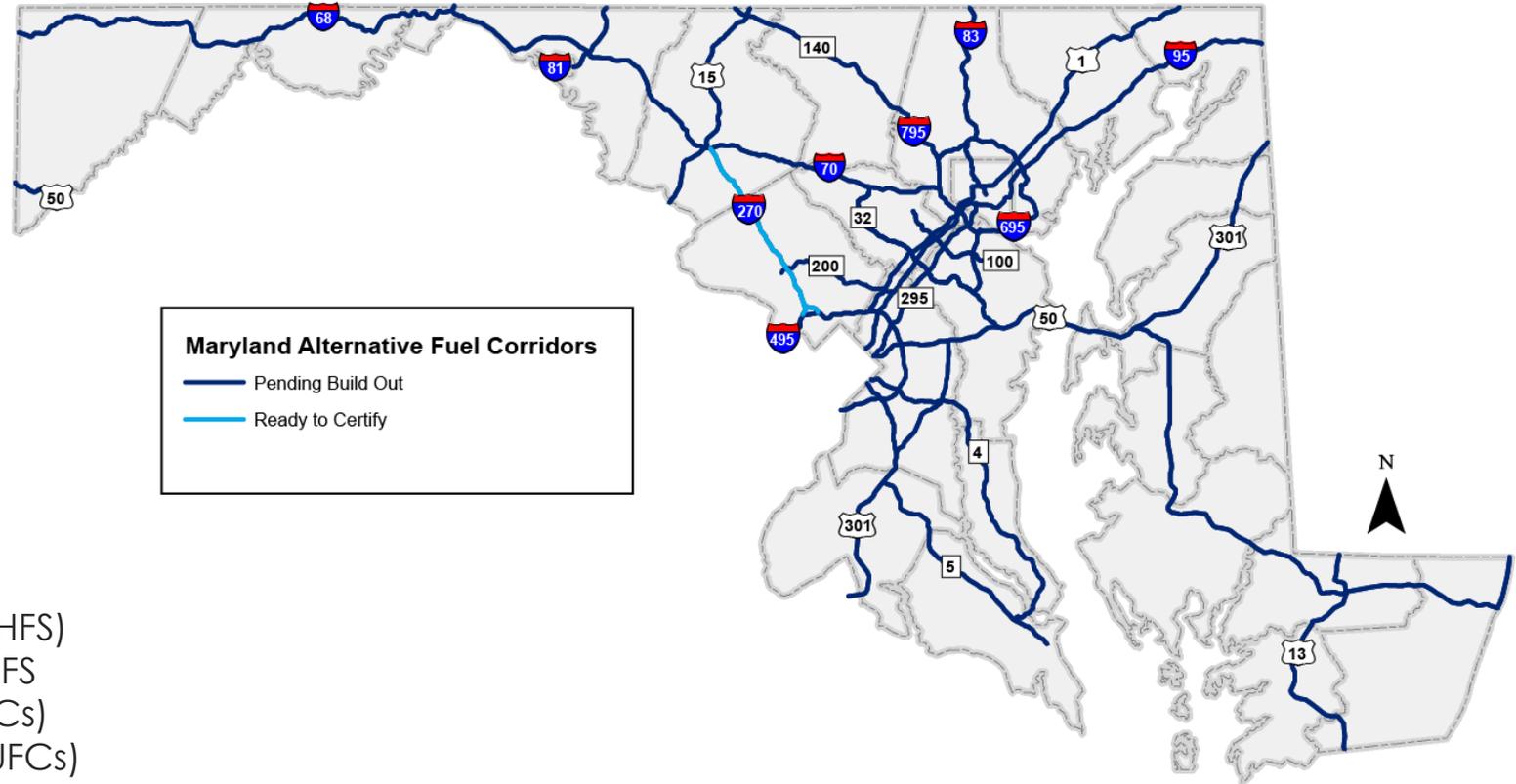


Round 7

AFC Nomination

Round 7 AFC Nomination

- ✓ Released: May 18th
- ✓ Due: June 21st
- ✓ AFC Designation:
 - Eligible Corridors
 - **Interstate Corridors** ★
 - Other NHS routes
- ✓ Freight EV Corridor Designation
 - Proposed Corridors:
 - Primary Highway Freight System (PHFS)
 - Other Interstate portions not on PHFS
 - Critical Rural Freight Corridors (FRFCs)
 - Critical Urban Freight Corridors (CUFCs)
 - FHWA requesting input on proposed designation



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

Next Steps

Next Steps

- ✓ Review of NEVI Program Guidance 2.0
- ✓ Release Program
- ✓ Annual Plan update – Due to FHWA August 1st
- ✓ Outreach
 - Communities – Emphasis on Rural & Disadvantaged Communities
 - Partners – MEA, MDE, MDP, JO
 - Key Stakeholders
 - State Agencies (Commerce)
 - Local Governments
 - Network Companies
 - Neighboring States – Coordination on NEVI/CFI

Maryland NEVI Contact Information



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