





VIRGINIA NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE PROGRAM

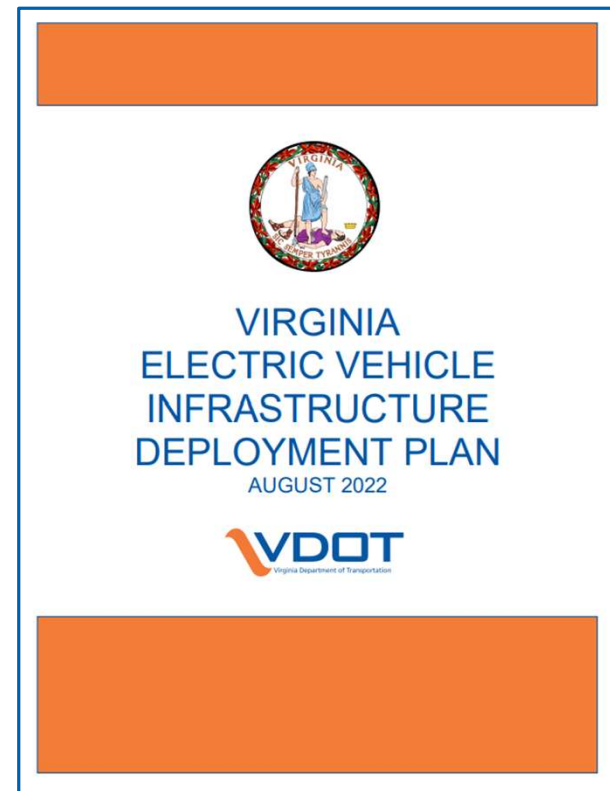
Presented to the Transportation Planning Board Regional EV Deployment Workgroup

Erin Belt, Decarbonization Lead

March 16, 2023

Virginia NEVI Deployment Plan & Program

- \$100M over 5 years
- VDOT lead agency, under guidance of the Secretary of Transportation
- Deployment plan approved September 27, 2022
- \$36M in 2022 and 2023



VA Deployment Plan Vision and Goals

Virginia envisions an EV charger network that facilitates convenient, reliable, and equitable access to fast charging stations throughout the Commonwealth, while spurring growth in this promising industry.

1

Close Charging Gaps

Fully build out 8 existing AFCs within 5 years and identify corridors of statewide significance for future build out.

2

Maintain Reliability and Connectivity

Establish strict standards for measuring and reporting charging station uptime and maintaining station performance

3

Ensure Equitable Access

Support the deployment of charging stations across urban, suburban, rural, and disadvantaged communities.

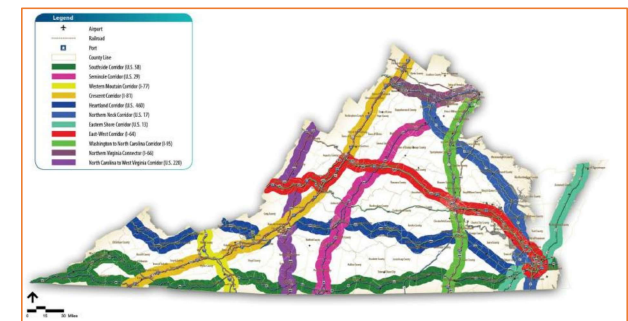
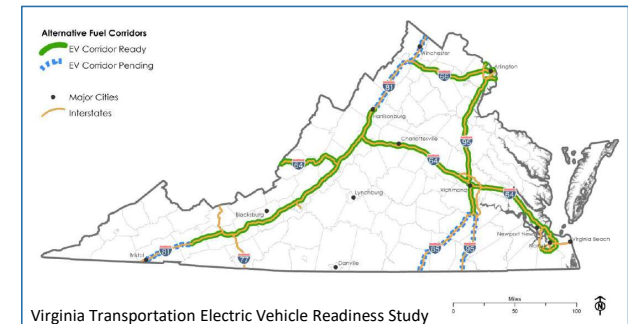
VA NEVI Planning Phases

Phase 1 (2022-2023)

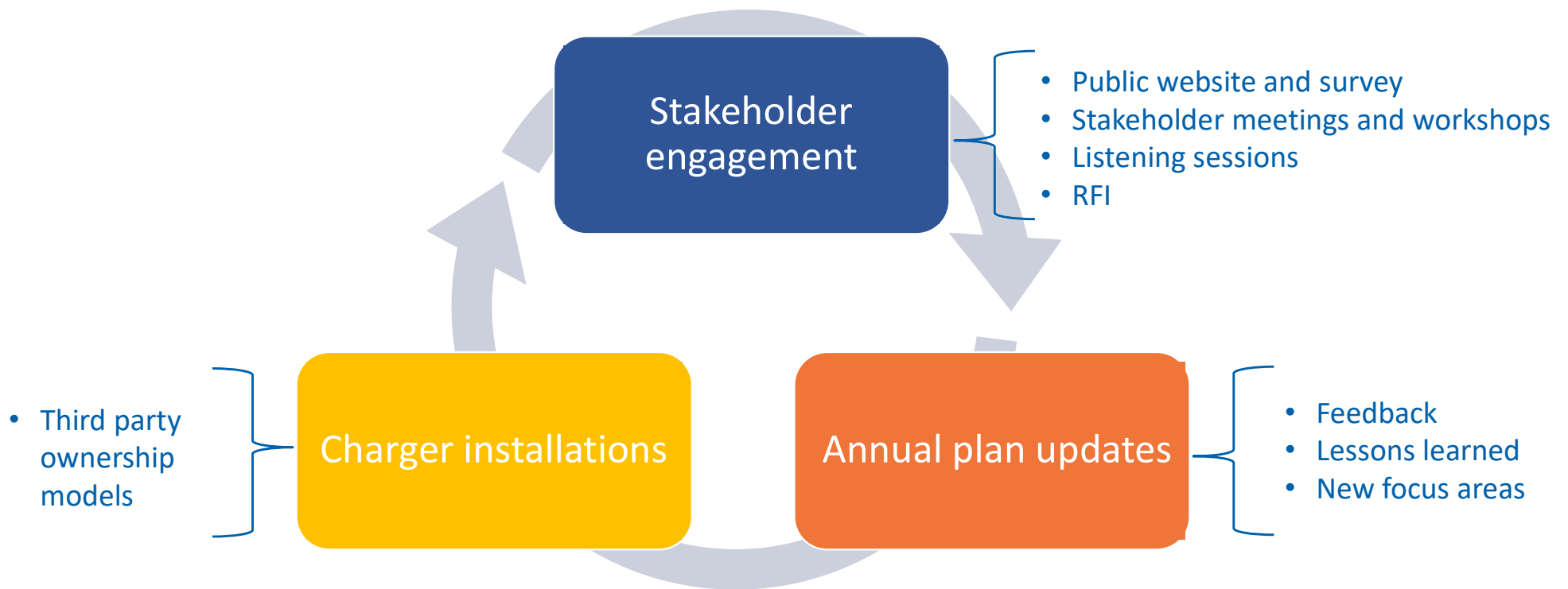
- ✓ **Nominated** additional Alternative Fuel Corridors
- ✓ Initial stakeholder and public outreach
- ✓ Develop **Initial EV Charging Deployment Plan**
- **Build out** Alternative Fuel Corridors

Phase 2 (2023-2026)

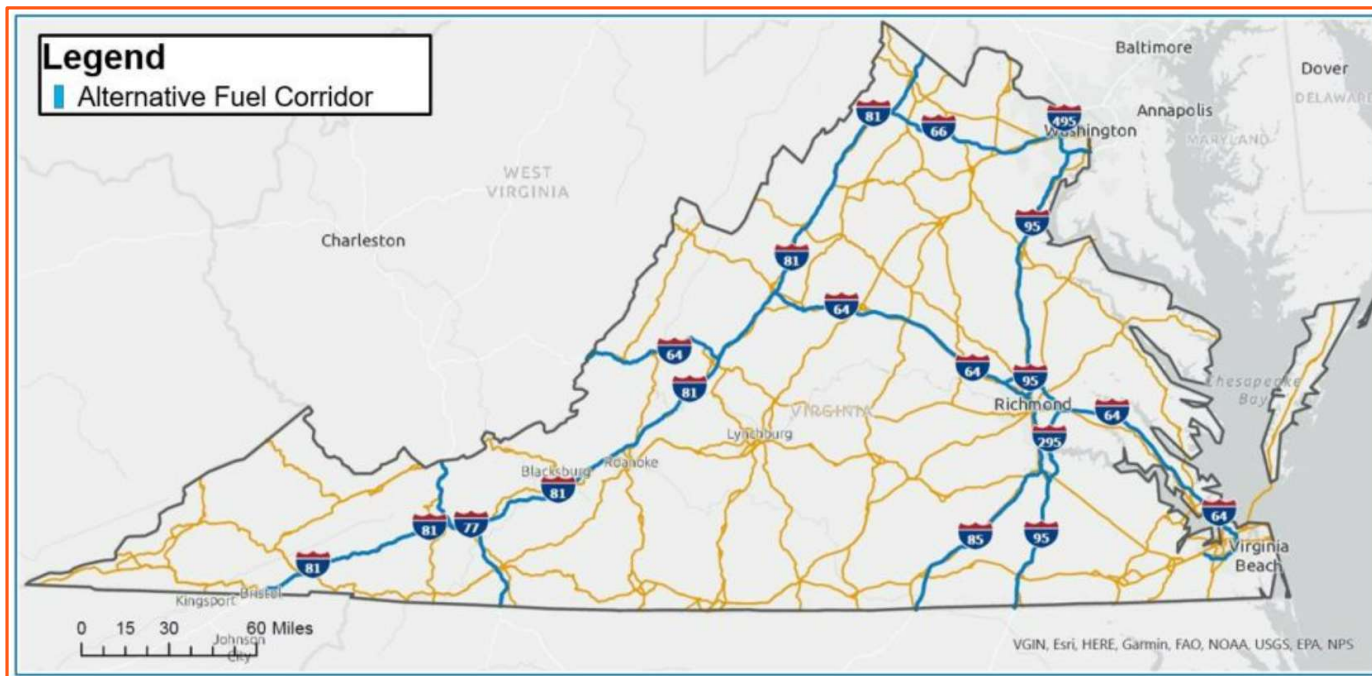
- Ongoing stakeholder engagement
- Annual EV Charging Deployment Plan **updates**
- Expand to **Corridors of Statewide Significance and community charging**



Iterative Planning Process



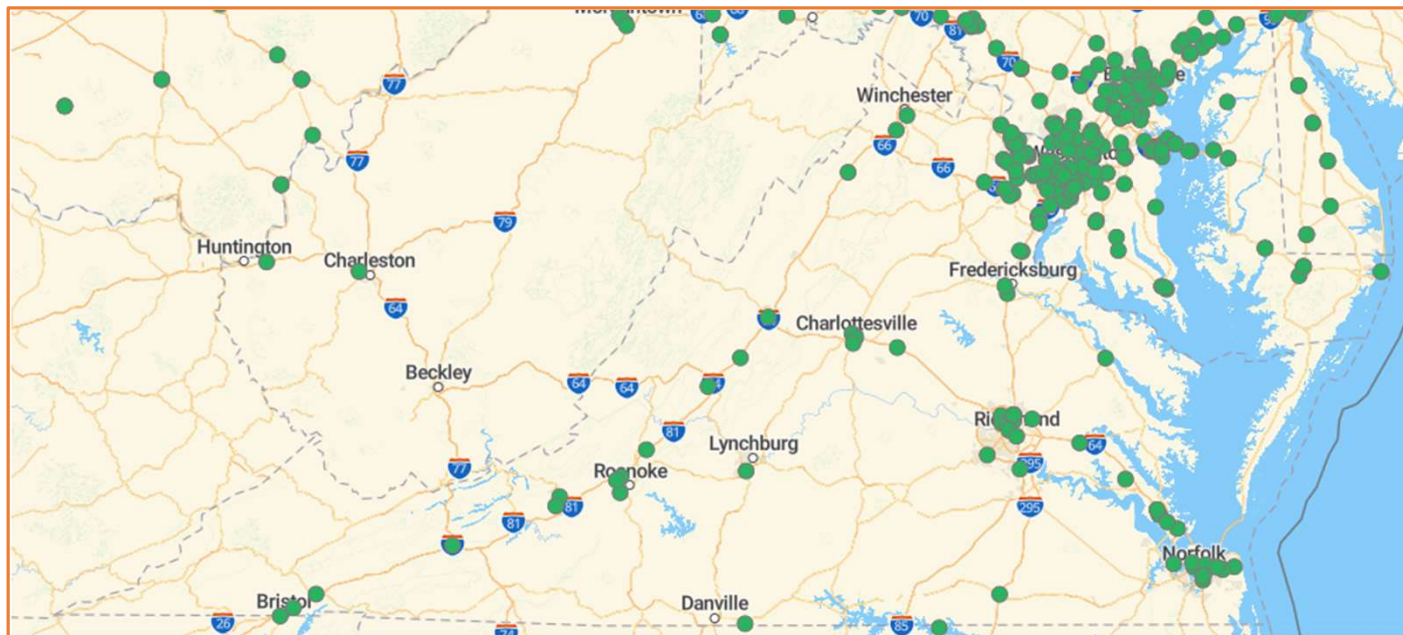
Alternative Fuel Corridors (AFCs)



Virginia AFCs:

- 985 miles
- I-64, I-66, I-77, I-81, I-85, I-95, I-295, I-495

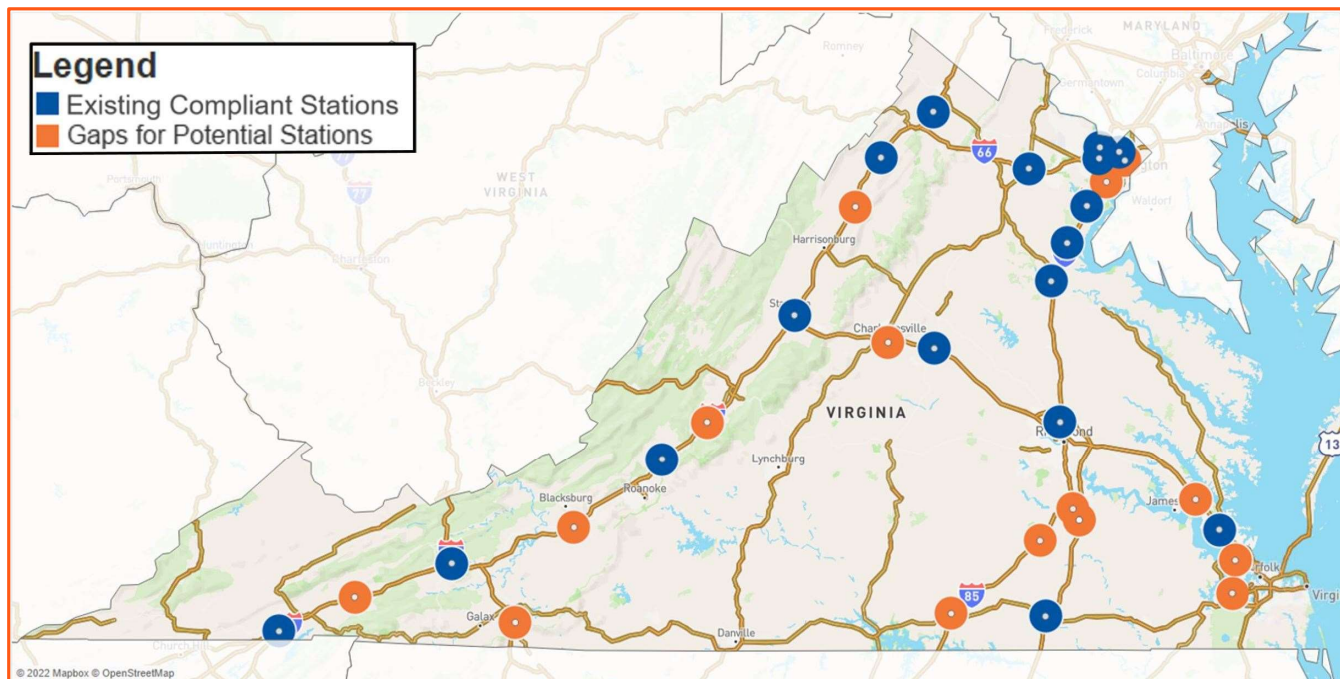
Virginia EV Charging Infrastructure



Alternative Fuels Data Center

- 1,136 public stations providing 3,128 charging ports across all charging speeds
- 138 stations equipped with Direct Current fast chargers (DCFCs)
- 17 stations meet NEVI requirements

Existing and Potential AFC Sites



- 17 existing NEVI-compliant stations
- 13-15 gaps for potential upgrades or new stations
- I-495 & I-66 are considered fully built out for Phase I of NEVI

Virginia's NEVI Public Input Website

- <https://publicinput.com/VirginiaNEVI>

VDOT Translate

Virginia Electric Vehicle Infrastructure Deployment

The Commonwealth of Virginia is investing a projected \$100 million in federal funding over the next five years to install public electric vehicle (EV) charging stations across Virginia. Information on Virginia's Deployment Plan, federal EV infrastructure grant opportunities, as well as EV and Local Government resources are available below.

February 2023 update: The Federal Highway Administration has issued the NEVI Final Rulemaking, which establishes program standards and requirements. VDOT is working with state and federal stakeholders to finalize a competitive grant solicitation to award NEVI Formula Program Funding. We anticipate the grant solicitation will be open for applications beginning in late Spring or early Summer 2023. If you would like to receive updates on VDOT's NEVI grant solicitation process, please email nevi@vdot.virginia.gov.

Virginia's Deployment Plan | Discretionary Grant Programs | Electric Vehicle Resources | Local Government Resources

Local Government Resources

Virginia's Deployment Plan

Discretionary Grant Programs

Electric Vehicle Resources

Local Government Resources

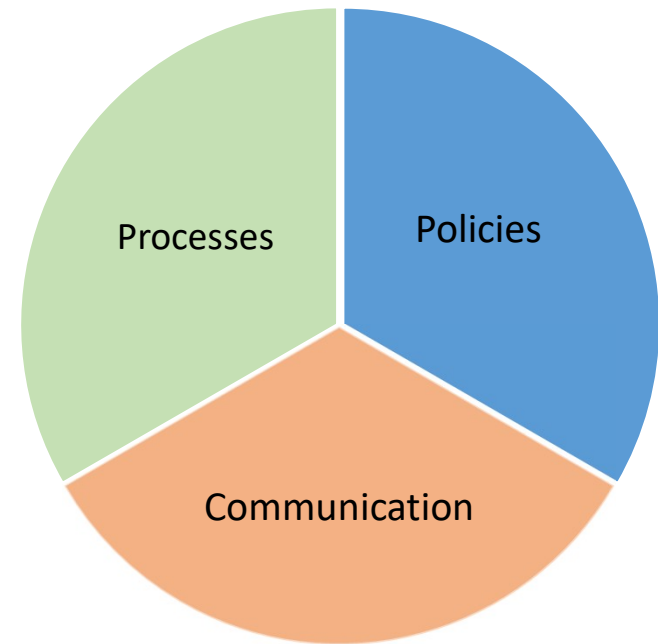
Regardless of the type of federal funding opportunity, local governments will be tasked with the evaluation of EV charging station site plans across multiple permitting programs & departments, including planning, zoning, and building, to name a few. Below are resources available to assist in evaluation and development of local policy and planning decisions.

- [Electrification Coalition Local Government Playbook](#)
- [NESCAUM Preparing Our Communities for Electric Vehicles](#)
- [USDOT Rural Opportunities to Use Transportation for Economic Success \(ROUTES\)](#)
- [USDOT Toolkit for Planning and Funding Rural Electric Infrastructure](#)
- [USDOT Funding Navigator](#)
- [Alternative Fuels Data Center - Electric Vehicle Readiness](#)

If you have additional questions, feel free to contact the VDOT NEVI team at nevi@vdot.virginia.gov.

Local Government Readiness

- **Internal/Departmental Coordination**
- **Ordinances and Permitting Processes**
 - Planning & Zoning
 - Building Code Review & Permitting
 - Environmental Review & Permitting
- **Locality Policies, Priorities & Engagement**
 - Economic Development
 - Strategic & Comprehensive Planning
 - Citizen Input & Engagement



Charging & Fueling Infrastructure Discretionary Grant Program (CFI)

- Opened on March 14, 2023
- Applications are due by May 30, 2023
- Register for a www.Grants.gov account now!
- Only FY22 & FY23 funds available to award at \$700 million.
- <https://www.fhwa.dot.gov/environment/cfi/>
- Webinars next week: 3/21 and 3/22 – register online

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