



North Carolina Funding Opportunities

September 1, 2022

Brian C. Phillips, Mobile Sources Branch Supervisor, NC Division of Air Quality

Department of Environmental Quality



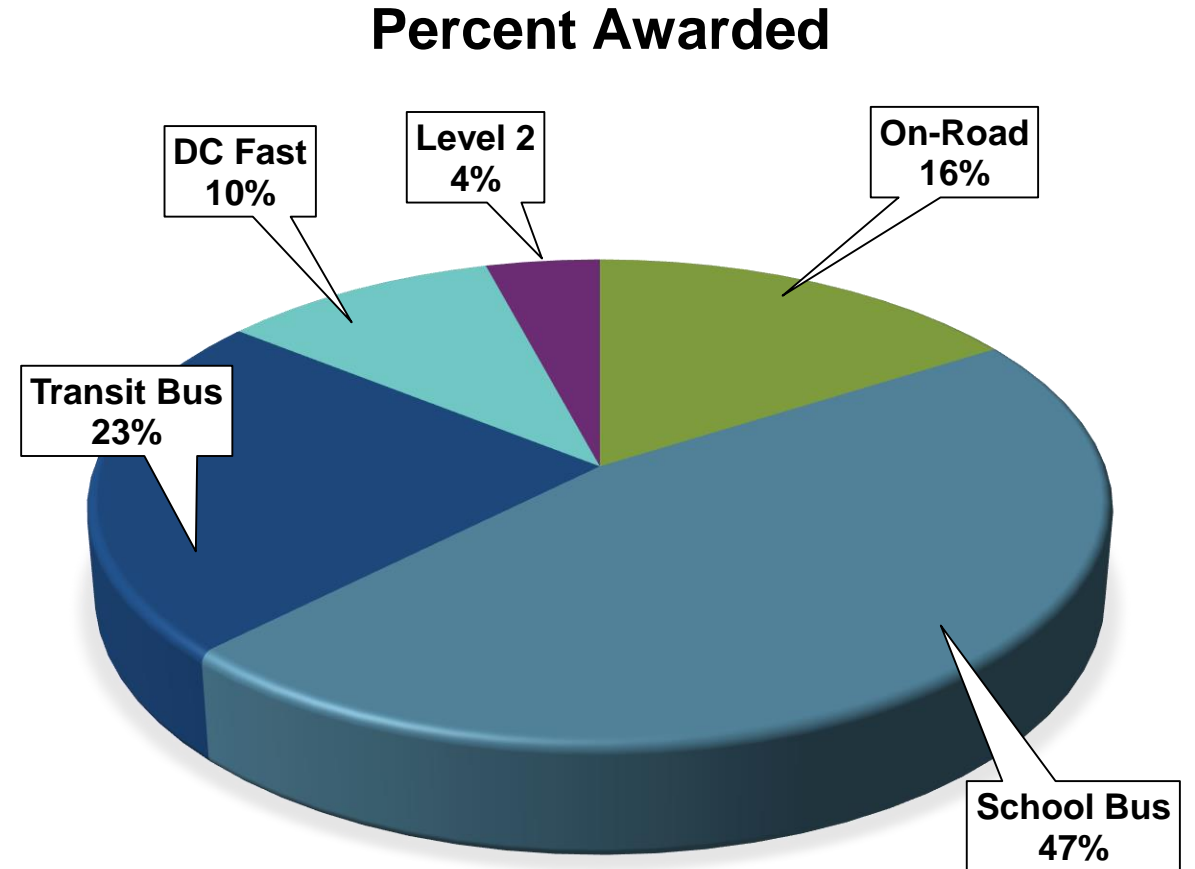
Funding Sources

- **NC Department of Environmental Quality**
 - **Division of Air Quality**
 - **Volkswagen Settlement**
 - **Mobile Source Emission Reduction Grants**
 - **State Energy Office**
- **NC Department of Transportation**
 - **National Electric Vehicle Infrastructure Program**



NC VW Phase 1 Awards

Program	Number of Vehicles/Stations Funded	Program Total Awarded
School Bus	111	\$12,289,900
Transit Bus	16	\$6,136,377
On-Road	45	\$4,240,409
DC Fast ZEV Infrastructure	27 sites	\$2,682,360
Level 2 ZEV Infrastructure	78 sites	\$1,098,534
Total	172 vehicles, 27 DC Fast and 78 Level 2 stations	\$26,447,580



Completed Phase 1 Projects

- Success stories for select completed VW Phase 1 projects are available on our web page.
- [Success Stories](#)



VW Settlement Phase 2 Program Allocations

NC Grant Programs (2022-2024)	Subprogram	Eligible Action Category	Eligible Fuels	2022-2024 Funding (Phase 2)		
				Targeted Percent*	Targeted Funding Amount	
Diesel Bus & Vehicle Replacement Program	School Bus Replacement Program	School buses	All (electric, diesel, propane, natural gas) <i>Priority will be given to electric replacements</i>	40%	\$27,196,866	
	Transit Bus Replacement Program	Transit buses		20%	\$13,598,433	
	Clean Heavy-Duty Equipment & Vehicle Program	Class 4-8 equipment and vehicles such as local freight trucks, ferries, forklifts, and switcher locomotives		DERA Program	20%	\$12,918,511
						\$679,922
ZEV infrastructure	DC Fast Program	Public Access – Priority Corridors	Not Applicable	15%	\$4,997,424	
		Public Access – Existing Site Upgrades			\$1,642,927	
	Level 2 Program	Public Access			\$1,070,877	
		Workplace			\$489,544	
		Multi-Unit Dwellings			\$489,544	
		State Government			\$1,009,684	
Administrative Costs			5%	\$2,749,608		
		Total:			\$66,843,340	

Mobile Source Emission Reduction Grants



- **DAQ has funded Mobile Source Emission Reduction Grants since 1995.**
- **Recent grants cycles have used funding from EPA's Diesel Emission Reduction State Grant Program and VW funds.**
- **Generally, DAQ has approximately \$300K to \$800K to fund projects each year.**
- **Calls for applications generally occurs each fall.**

Mobile Source Emission Reduction Grants

Mobile Sources Emissions Reduction grants can fund a wide range of projects. Projects include:

- **Repowering on-road and non-road equipment with newer, cleaner engines.**
- **Replacing old on-road and non-road equipment with new, cleaner vehicles.**
- **Converting vehicles to run on alternative fuels**
- **Expanding medium and heavy-duty electric vehicle usage throughout the state.**
- **Any private or public sector entity with a physical presence in North Carolina is eligible to apply.**

National Electric Vehicle Infrastructure (NEVI) Program





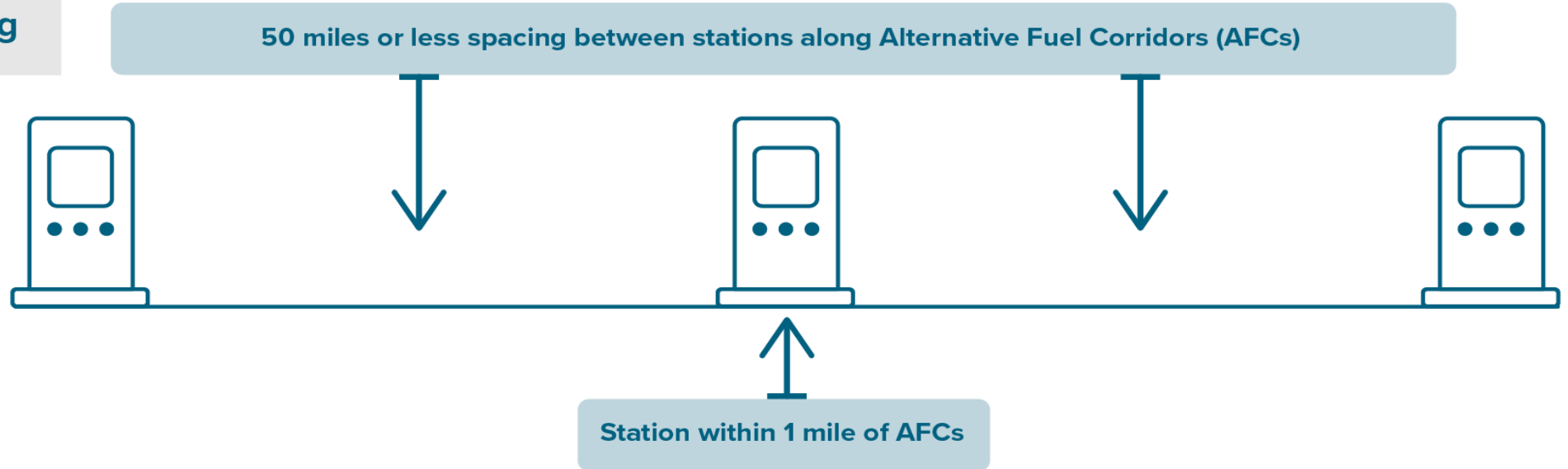
OVERVIEW OF NEVI PROGRAM

Provided by NCDOT

- \$5 billion for electric vehicle charging as part of Bipartisan Infrastructure Law
- 5-year Federal program
- Estimated \$109 million to North Carolina over five years
- Estimated \$16 million to North Carolina in Year 1
- All states must submit EV Infrastructure Deployment Plans to DOE/DOT Joint Office by August 1, 2022

NEVI Station Criteria

PHASE 1: AFC charging



PHASE 2: Community-based charging



Tentative Year 1 Engagement Schedule

Anticipated Date	Milestone
Jan - July 2022	NCCTP Stakeholder Engagement (see next page) Targeted NEVI Outreach to Key Partners Launch NCDOT NEVI Webpage and Initial Survey
August 2022	Plan Submitted to Joint Office
Fall 2022	Virtual Public Information Sessions Targeted In-person Listening Sessions Educational Events, Surveys, Community events
Winter 2022/2023	Development and Public Review of Phase 1 Solicitation Virtual Public Information Session for Phase 1 Solicitation
Spring 2023	Public Engagement for Phase 2 Community Grant Program
Fall 2023 - Summer 2026	Virtual Public Information Sessions Regional Listening Sessions and In-person Events Educational Activities in Partnership with Community Organizations

National Electric Vehicle Infrastructure (NEVI) Program

Established by the Bipartisan Infrastructure Law, the [National Electric Vehicle Infrastructure \(NEVI\)](#) program provides nearly \$5 billion from July 2022-June 2027 to help states create a network of 500,000 electric vehicle charging stations along designated alternative fuel corridors. North Carolina expects to receive up to \$109 million to build out EV infrastructure along its approved corridors.

Alternative Fuel Corridors

The Federal Highway Administration's [Alternative Fuel Corridors](#) program recognizes highway segments that have infrastructure (or plans for infrastructure) that support alternative fuel options, including electricity, compressed natural gas, liquefied petroleum gas and hydrogen.

The following map displays North Carolina's current alternative fuel corridors.

Share Your Input

Take our [survey](#) to help inform the state's EV infrastructure deployment plan.

Initiatives & Policies

[Adopt-A-Highway](#)

[Climate Change & Clean Transportation](#)

[Transportation Emission Reduction Projects](#)

[N.C. Zero Emission Vehicle \(ZEV\) Plan](#)

[ZEV Registration Data](#)

[Multi-State Collaboratives](#)

[Vehicle Miles Traveled Reduction Study](#)

National Electric Vehicle Infrastructure (NEVI) Program



NEVI Website

North Carolina Program Contacts

**Volkswagen Program – Brian Phillips,
Mobile Sources Supervisor, NCDAQ
Phone: 919-707-8426
Email: brian.phillips@ncdenr.gov**

**Mobile Source Emission Reduction
Grants – Sheila Blanchard, Environmental
Program Consultant, NCDAQ
Phone: 919-707-8423
Email: sheila.blanchard@ncdenr.gov**

**NEVI – Jennifer Weiss, Senior Advisor
of Climate Change Policy, NCDOT
Phone: 919-707-2828
Email: jlweiss@ncdot.gov**

**NEVI – Heather Hildebrandt, Statewide
Initiatives Group Supervisor, NCDOT
Phone: 919-707-0964
Email: hjhildebrandt@ncdot.gov**