Environmental Policy & Sustainability FY'24 Budget

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HOUSE TRANSPORTATION COMMITTEE, JANUARY 26, 2023

VERMONT AGENCY OF TRANSPORTATION

AOT EPS Section: What We Do

ENVIRONMENTAL POLICY & SUSTAINABILITY

CLIMATE MITGATION

GHG Reduction + Vehicle Electrification

- **IIJA Carbon Reduction**
- **IIJA National Electric Vehicle Infrastructure**
- **State Electric Vehicle Investments**

Initiatives

Policy

Investments

CLIMATE ADAPTATION

Resilience

- **IIJA PROTECT**

Federal Formula Funds (IIJA)

ENVIRONMENTAL POLICY & SUSTAINABILITY

National Electric Vehicle Infrastructure (NEVI)
$21 million

NEVI plan required annually (July) to access funding

Funds must be spent on EV charging on designated corridors

80/20 (Federal/Local match, with match met by private sector)

Carbon Reduction Program (CRP)
$32 million

Carbon Reduction Strategy (CRS) due Nov. 2023 and every four years

Funds can be spent on wide range of carbon reduction projects and up to 50% of apportionment flexed to other programs

80/20 (Federal/local match)

PROTECT Program
$37 million

Resilience Improvement Plan (RIP) not required

Funds can be spent on resiliency projects and up to 50% of apportionment flexed to other programs

80/20 (Federal/local match increased by up to 10% with approved RIP and incorporation into LRTP/MTP)

Carbon Reduction Formula Program

ENVIRONMENTAL POLICY & SUSTAINABILTY

CARBON REDUCTION FORMULA PROGRAM

INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA)

$32 MILLION

$6.3 ANNUALLY OVER 5 YEARS

- Public Transit
- Transportation Alternatives
- Congestion Mitigation
- Efficient Street and Traffic Lighting
- Travel Demand Management Strategies
- Deployment of Alternative Fuel Vehicles and Related Infrastructure
- Carbon Reduction Strategy

PROTECT Formula Program

ENVIRONMENTAL POLICY & SUSTAINABILITY

PROTECT FORMULA PROGRAM

INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA)

$37 MILLION

$7.4 ANNUALLY OVER 5 YEARS

- Identification of vulnerabilities
- Planning
- Resilience Improvement
- Emergency Response Strategies
- Evacuation Routes
- Nature Based Designs
- Highway, Transit, and certain Ports projects
- Resilience Improvement Plan

Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation

National Electric Vehicle Infrastructure

ENVIRONMENTAL POLICY & SUSTAINABILTY

NATIONAL ELECTRIC VEHICLE FORMULA PROGRAM

INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA)

$21 MILLION

$3.1M - FFY'22

$4.5M ANNUALLY FFY'23 – FFY'26

- Priority given to EVSE along the interstates for corridor nominations, and investments to be made there first. (When fully "built out" as certified by FHWA, State may move onto other locations)
- New minimum requirements: 4 CCS ports of 150 kW each (600 kW total per site)
- 50 mile distance from the next charging location, only 1 mile from interstate exit or state highway intersection (prior radius was 5 miles)

AOT Vehicle Electrification Funding History

ENVIRONMENTAL POLICY & SUSTAINABILITY

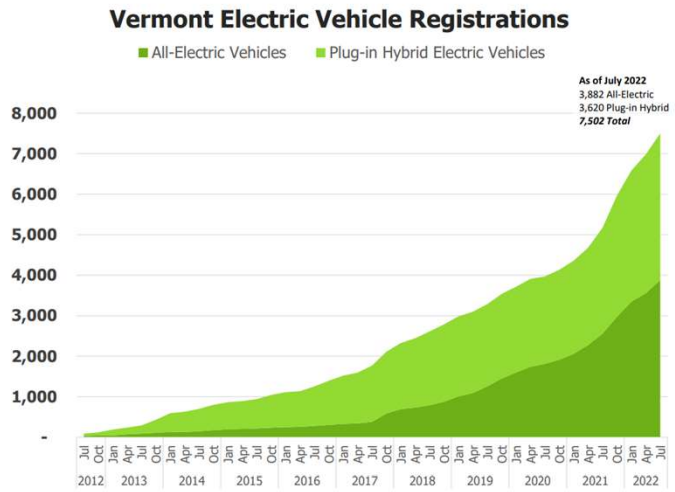
Multiple one-time appropriations from multiple sources

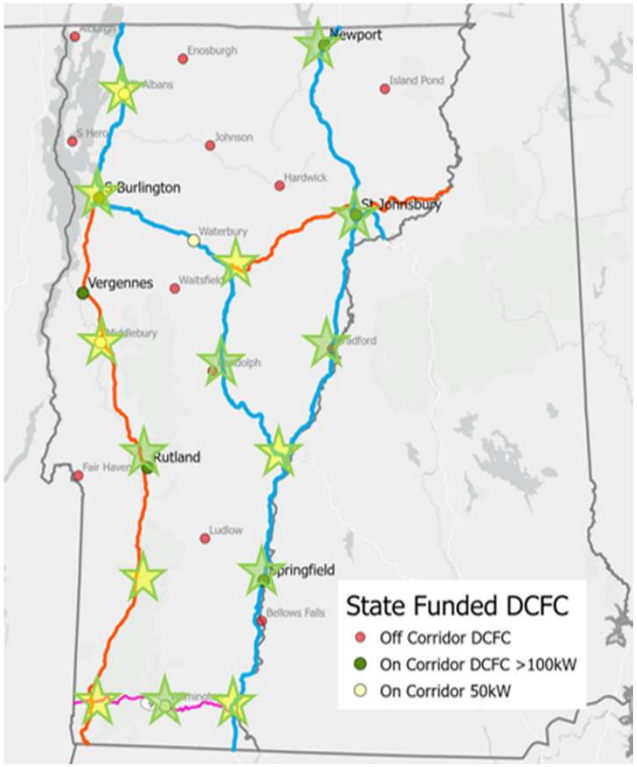
2019 Act 59 :	$2 million (TF and settlement funds)	New PEV Incentive and Used Vehicle Incentives
2020 Act 121 :	$950k for PEVs	PEV program changes; additional funding
2020 Act 154 :	$1 million (TF)	PEV increases; MileageSmart changes
2021 Act 55 :	$7 million (TF, GF)	PEV increases; MileageSmart increases; Replace Your Ride, e-Bikes, EV Charging for Multi-unit Dwellings; Drive Electric Vermont
2022 Act 184 :	**$26.25 million** (TF, GF, ARPA, NEVI)	PEV increases and changes; MileageSmart increases and changes; Replace Your Ride increases and changes; e-bikes increases and changes; Corridor fast charging; Drive Electric Vermont increases and changes

FY2023 Vehicle Electrification State Funds

In **SFY2023,** over **$26 million** appropriated to AOT for vehicle incentives and electric vehicle charging infrastructure:

- Incentives for New PEVs, **$12 million**
- MileageSmart, **$3 million**
- Replace Your Ride, **$3 million**
- eBike Incentive Program, **$50k**
- Drive Electric Vermont, **$2 million**
- Corridor fast-charging, **$6.25 million**





583
New Plug-in Electric Vehicles Incentivized, FFY22

228
Used Fuel-Efficent Vehicles Incentivized, FFY22

279
Electric Bikes Incentivized, FFY22

$2.67M
Total Incentive Funds Issued, FFY22

81%
Total Incentive Funding Directed Towards Households with Lower Incomes, FFY22

VERMONT
AGENCY OF TRANSPORTATION

Environmental Policy & Sustainability - $27.9M

	Trans $$	Federal $$	Local $$	Total $$ Change	Total FY '24 Budget
Environmental Policy and Sustainability: FY 2023 Appropriation	**0**	**0**	**0**	**0**	
Per Diem and Other Personal Services	472,695		1,536,823	2,009,518	2,009,518
Grants		22,095,781	3,868,949	25,964,730	25,964,730
Subtotal of increases/decreases	**472,695**	**22,095,781**	**5,405,772**	**27,974,248**	**27,974,248**
Environmental Policy and Sustainability: FY 2024 Gov Recommend - Section B.906.1	**472,695**	**22,095,781**		**27,974,248**	**27,974,248**

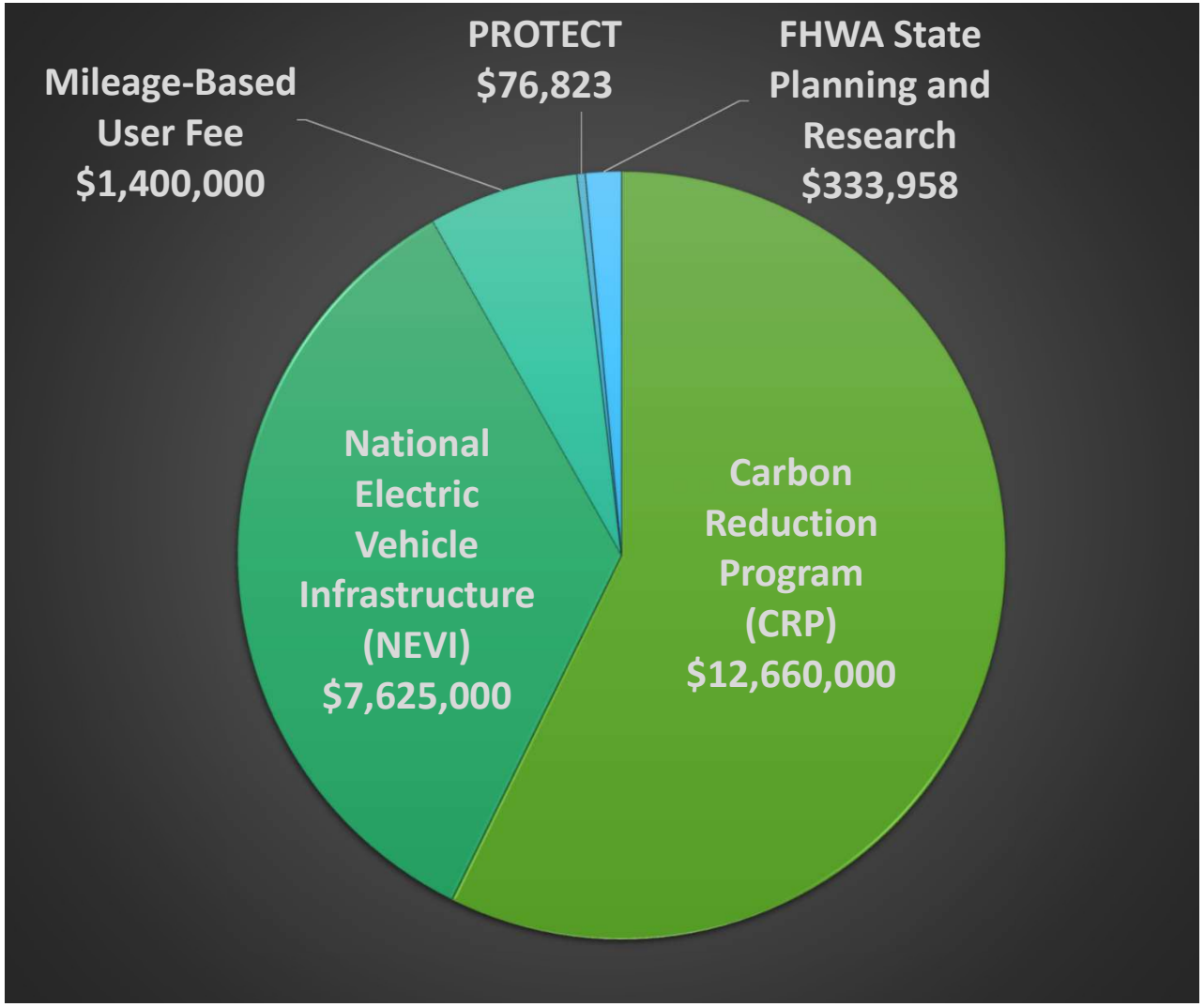
Prior to this proposed budget, program related expenditures for program objectives were included in the Policy, Planning & Research budget.

<FY 21 = 1 Position FY 22 = 2 Positions FY23 = 3 Positions FY 24 = 5 Positions

Environmental Policy and Sustainability

SFY'24 Federal Funds

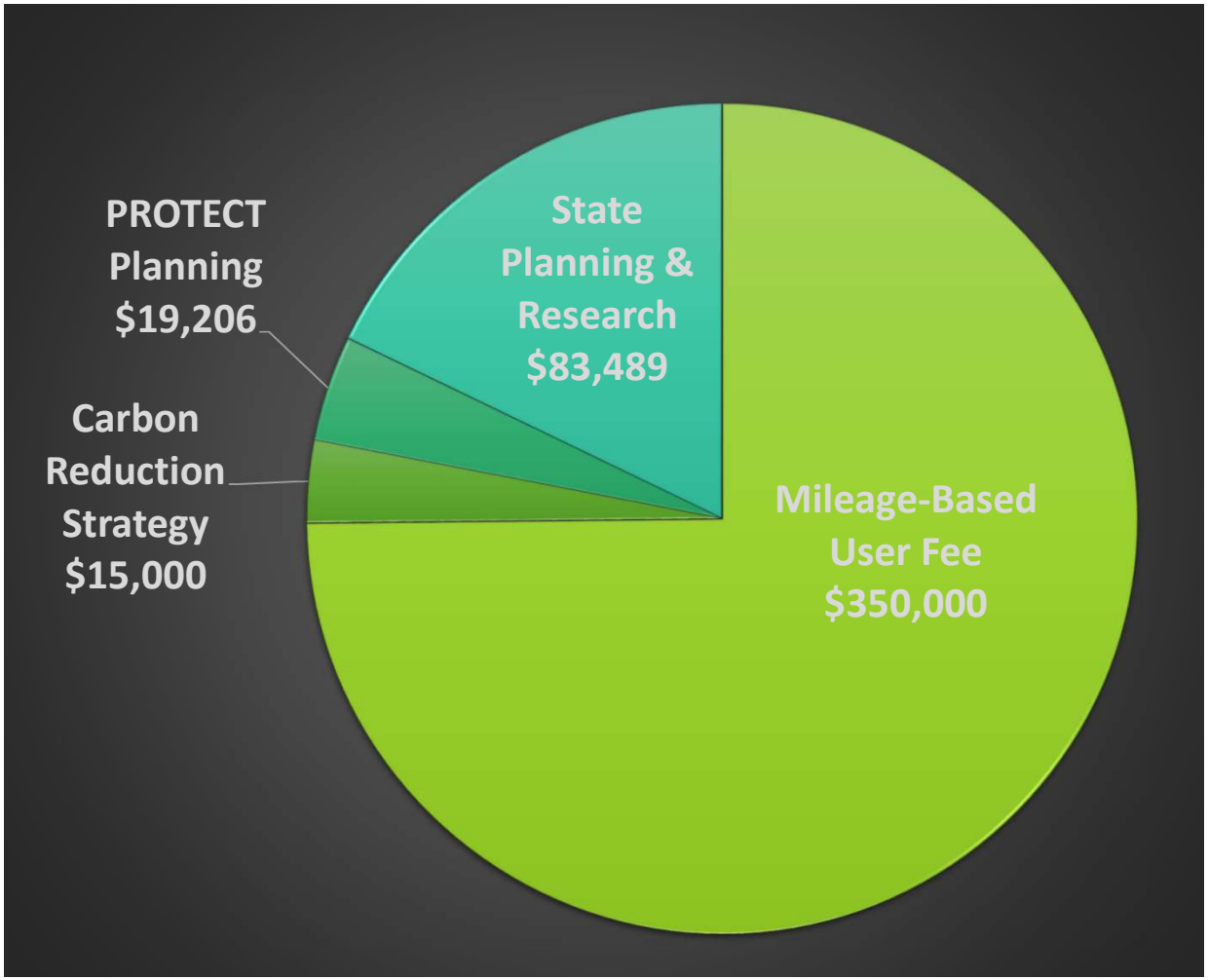
$22,095,781



Environmental Policy and Sustainability

SYF '24
STATE FUNDS

$472,695



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