



Competitive Federal Grant Opportunities

Agenda

USDOT Overview

FAA grants

FHWA grants

FRA grants

FTA grants

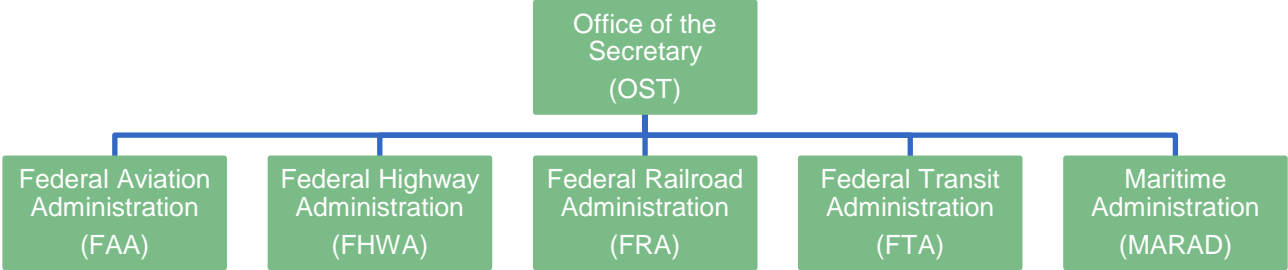
MARAD grants

USDOT – OST grants

Keys to compete



USDOT Overview



USDOT Grant Programs for Alternative Fuels

FAA	FHWA	FRA	FTA	MARAD	OST
<ul style="list-style-type: none">• Fuel Aviation's Sustainable Transition (FAST) IRA• Voluntary Airport Low Emissions Program (VALE)• Zero Emissions Vehicle Program (ZEV)• Airport Zero Emissions Vehicle and Infrastructure Pilot Program (ZEV1)	<ul style="list-style-type: none">• Carbon Reduction Program• NEVI Program• Charging and Fueling Infrastructure Program• Reducing Truck Emissions at Port Facilities	<ul style="list-style-type: none">• Consolidated Railroad Infrastructure and Safety Improvement Program• Federal State Partnership for Intercity Passenger Rail	<ul style="list-style-type: none">• Low Emissions/No Emissions Program• Bus and Bus Facilities Program• Electric and No-emitting Ferry Program	<ul style="list-style-type: none">• United States Marine Highway Program• Port Infrastructure Development Program	<ul style="list-style-type: none">• Multimodal Discretionary Grant Program (MDGP)• Mega• Rural• INFRA



FAA Grants

Fueling Aviation's Sustainable Transition (FAST)

Eligible Applicants

Applications closed December 4, 2023

Alt Fuel Eligible Projects

Build out of infrastructure projects related to SAF production, transportation, blending, and storage (\$244.5 m)

Projects that develop and demonstrate new aviation technologies to improve fuel efficiency and reduce emissions (\$46.5 m)

NOFO Release
One-time program

Applications Due
One-time program

FY 22: \$291 m (as above)

Grant Link: [Fueling Aviation's Sustainable Transition \(FAST\) Grants | Federal Aviation Administration \(faa.gov\)](#)



FAA Grants

Voluntary Airport Low Emissions Program (VALE)

Eligible Applicants

A commercial service airport that is in a "non-attainment" or "maintenance" area for one of the National Ambient Air Quality Standards (NAAQS)

Alt Fuel Eligible Projects

Finance low emission vehicles, refueling and recharging stations, gate electrification, and other airport air quality improvements. Used mostly for power units and preconditioned air units

NOTE:

Part of the annual Airport Improvement Program

NOFO Release

NA

Applications Due

May/June

FY 21: \$29.2 m

FY 22: \$14.5 m

FY 23: \$13.9 m

Grant Link: [VALE-brochure-2020.pdf \(faa.gov\)](#)



FAA Grants

Zero Emission Vehicles and Zero Emission Vehicle Infrastructure (ZEV and ZEVI)

Eligible Applicants

Any public-use airport eligible to receive AIP grants in the National Plan of Integrated Airport Systems (NPIAS).

Priority consideration will go to applications that will achieve the greatest air quality benefits measured by cost per ton of emissions reduced

Alt Fuel Eligible Projects

Purchase ZEVs and to construct or modify infrastructure needed to use ZEVs

NOTE:

Part of the annual Airport Improvement Program

NOFO Release

NA

Applications Due

May/June

FY 21: \$16.8 m

FY 22: \$13.2 m

FY 23: \$19.5 m

Grant Link: https://www.faa.gov/airports/environmental/zero_emissions_vehicles



FHWA Grants

Carbon Reduction Program (CRP)

Eligible Applicants

Formula funds apportioned to States
Suballocated as follows
65% based on population share
35% can be used statewide

Alt Fuel Eligible Projects

- CMAP has not used for vehicles
- East West Gateway in Metro East has allowed for municipal fleets and school buses

NOFO Release

NA

Applications Due

NA

FY 24: \$45.1 m

FY 25: \$46.0 m (est.)

FY 26: \$46.9 m (est.)

(IDOT Apportionment)

Grant Link: [Carbon Reduction Program | US Department of Transportation](#)



FHWA Grants

National Electric Vehicle Infrastructure (NEVI)

Eligible Applicants

Formula funds apportioned to States

Alt Fuel Eligible Projects

Build out previously designated alternative fuel corridors
Charging stations will be placed (or upgrading of existing stations) every 50 miles and no greater than 1 mile from the designated corridor

These DCFS stations must have a minimum of 4 combined charging system (CCS) ports each, with the capability of drawing 150kWh totaling 600kWh for the 4 ports

NOFO Release

3/8/2024 (IDOT)

Applications Due

5/8/2024 (IDOT)

FY 24: \$31.7 m

FY 25: \$31.7 m

FY 26: \$31.7 m

(IDOT Apportionment)

Grant Link: [NEVI - Environment - FHWA \(dot.gov\)](#)



FHWA Grants

Charging and Fueling Infrastructure (CFI)

Eligible Applicants

States
Local Govts.
MPOs
Territories
Other public agencies/group of public agencies

Alt Fuel Eligible Projects

Community Grants

EVSI Located on public road or other publicly accessible facility,

Alternative Fuel Corridor Grants

Located along a designated AFC; EV charging within 1 mile and other alternative fuels within 5 miles of the AFC and must be publicly accessible

Both Programs

Address EJ, reduce emissions, accessible for people with disabilities

NOFO Release

3/14/2023

Applications Due

6/13/2023

FY 24: \$500 m

FY 25: \$600 m

FY 26: \$700 m

Grant Link: [CFI - Environment - FHWA \(dot.gov\)](https://www.fhwa.dot.gov/infrastructure/alternatives/fueling/alternatives-fueling-grants.cfm)



FHWA Grants

Reduction of Truck Emissions at Port Facilities (RTEPF)

Eligible Applicants

Entities that:

1. have authority over, operate, or utilize port facilities and/or intermodal port transfer facilities,
2. have authority over areas within or adjacent to ports and intermodal port transfer facilities
3. will test and/or evaluate technologies that reduce truck emissions at port facilities and/or intermodal port transfer facilities.

Alt Fuel Eligible Projects

- Port related infrastructure to reduce truck idling
- Promote use of ZEV or low emission
- On-truck technologies to reduce idling

NOFO Release

4/27/2023

Applications Due

7/26/2023

FY 24: \$80 m

FY 25: \$80 m

FY 26: \$80 m

Grant Link: <https://ops.fhwa.dot.gov/bipartisan-infrastructure-law/index.htm>



FRA Grants

Consolidated Railroad Infrastructure and Safety Improvement Program (CRISI)

Eligible Applicants

State or group of states
Public agencies or authorities
Interstate compact
Amtrak
Class II or Class III RR
Association representing Short Lines
Rail carriers or equipment manufacturers with a public agency
Transportation Research Board
University Transportation Center

Alt Fuel Eligible Projects

Rehabilitating, remanufacturing, procuring or overhauling locomotives provided that such activities result in a significant reduction of emissions

NOFO Release

3/29/2024

Applications Due

5/23/2024

FY 23 & 24: \$2.478 B FY 25: \$1 B FY 26: \$1 B

Additional funds appropriations dependent

Grant Link: [Consolidated Rail Infrastructure and Safety Improvements \(CRISI\) Program | FRA \(dot.gov\)](#)



FRA Grants

Federal State Partnership for Intercity Passenger Rail (FSP) not on the NEC

Eligible Applicants

States, including D.C.

An Interstate Compact

A public agency or authority

A political subdivision of a State

Amtrak, acting on its own behalf or under a cooperative agreement with one or more States

Any combination of the entities described above

Alt Fuel Eligible Projects

A project to improve intercity passenger rail service performance, including reduced trip times, increased train frequencies, higher operating speeds, improved reliability, expanded capacity, reduced congestion, **electrification**, and other improvements, as determined by the Secretary.

NOFO Release

2/3/2023

Applications Due

4/21/2023

FY 24: \$2.4 B

FY 25: \$2.4 B

FY 26: \$2.4 B

Grant Link: <https://railroads.dot.gov/federal-state-partnership-intercity-passenger>



FTA Grants

Low Emissions / No Emissions (LowNo)

Eligible Applicants

Direct or designated recipients of FTA grants
States
Local governmental authorities

Alt Fuel Eligible Projects

- Purchasing or leasing low- or no-emission buses
- Acquiring low- or no-emission buses with a leased power source
- Constructing or leasing facilities and related equipment for low- or no-emission buses
- Constructing new or rehabilitating existing public transportation facilities to accommodate low- or no-emission buses

NOFO Release
2/8/2024

Applications Due
4/25/2024

FY 24: \$1.1B

FY 25: \$1.1B

FY 26: \$1.1B

Grant Link: <https://www.transit.dot.gov/lowno>



FTA Grants

Bus and Bus Facilities Grant Program

Eligible Applicants

Direct or designated recipients of FTA grants
States
Local governmental authorities

Alt Fuel Eligible Projects

- Capital projects to replace, rehabilitate, purchase, or lease buses, vans, or related equipment;
- Rehabilitate, purchase, construct, or lease bus-related facilities regardless of propulsion type or emissions

FTA will give priority consideration to applications that create significant community benefits relating to the environment, including those projects that incorporate low or no emission technology or specific elements to address greenhouse gas emissions and climate change impacts

NOFO Release

2/8/2024

Applications Due

4/25/2024

FY 24: \$390 m

FY 25: \$402 m

FY 26: \$412 m

Grant Link: <https://www.transit.dot.gov/bus-program>



FTA Grants

Electric or Low-Emitting Ferry Pilot Program (Low-No Ferry)

Eligible Applicants

Any eligible recipient of section 5307 or section 5311 funding from the FTA

Alt Fuel Eligible Projects

- Projects that support the purchase of electric or low-emitting ferries
- The electrification of or other reduction of emissions from existing ferries

NOFO Release
4/17/2024

Applications Due
6/17/2024

FY 24: \$49 m

FY 25: \$50 m

FY 26: \$50 m

Grant Link: <https://www.transit.dot.gov/grants/fta-ferry-programs>



MARAD Grants

United States Marine Highway Program (USMHP)

Eligible Applicants

States

Local governments

MPOs

Port Authority

Private sector operator of a MH project

Private sector owner of a MH facility

Alt Fuel Eligible Projects

- Provide a coordinated and capable alternative to landside transportation; mitigate or relieve landside congestion; promote marine highway transportation; or use vessels documented under Chapter 121
- Develop, expand, or promote marine highway transportation

Merit Criteria:

(d) Emissions Reductions and Energy Savings:

Address how the Project provides any net energy savings or reductions in emissions, in quantifiable terms, now and in the future, over current energy consumption and emissions practices, including greenhouse gas emissions, criteria air pollutants, or other environmental benefits the Project offers.

NOFO Release

3/1/2023

Applications Due

4/28/2023

FY 23: \$12.1 m

Funding is appropriations dependent

Grant Link: [United States Marine Highway Program | MARAD \(dot.gov\)](#)



MARAD Grants

Port Infrastructure Development Program (PIDP)

Eligible Applicants

States

Local governments

Public agencies/authorities

Special purpose transportation districts

Joint public applicant with private entity

Alt Fuel Eligible Projects

- Port electrification or electrification master planning
- Harbor craft or equipment replacements or retrofits
- Development of port or terminal microgrids
- Provision of idling reduction infrastructure
- Purchase of cargo handling equipment and related infrastructure;
- Worker training to support electrification technology;
- Electric vehicle charging or hydrogen refueling infrastructure for drayage and medium or heavy-duty trucks and locomotives that service the port
- Related grid upgrades other related port activities, including charging infrastructure, electric rubber-tired gantry cranes, and anti-idling technologies

NOFO Release

12/27/2023

Applications Due

5/10/2024

FY 24: \$450 m

FY 25: \$450 m

FY 26: \$450 m

Added funds appropriations dependent

Grant Link: [Port Infrastructure Development Program | MARAD \(dot.gov\)](#)



USDOT - OST

Infrastructure for Rebuilding America (INFRA)

Eligible Applicants

States
MPOs (> 200k population)
Local governments
Special purpose transportation districts
Multistate corridor organization
Group of eligible entities

ZEV Criteria (1 OF 6)

CLIMATE CHANGE, RESILIENCE AND THE ENVIRONMENT

Primary project purpose supports shift to/deployment of electric or zero-emission transportation

The project is specifically identified in a State Carbon Reduction Strategy, State Electric Vehicle Infrastructure Deployment Plan, or other State, local, or tribal GHG reduction plan, and that reference is included in the application

The applicant has a plan to monitor the impact of the project on GHG emissions, and they are expected to be significant

INNOVATION

Vehicle-to-Grid Technologies (e.g., technologies and infrastructure that encourage electric vehicle charging, and broader sustainability of the power grid)

NOFO Release

12/27/2023

Applications Due

5/4/2024

FY 2025 & FY 2026: \$2.7 B

Grant Link: [The INFRA Grant Program | US Department of Transportation](#)



USDOT - OST

National Infrastructure Project Assistance (Mega)

Eligible Applicants

States

MPOs

Local governments

Special purpose transportation districts

Partnership between Amtrak and one of the above

Group of eligible entities

ZEV Criteria (1 OF 6)

CLIMATE CHANGE, RESILIENCE AND THE ENVIRONMENT

Primary project purpose supports shift to/deployment of electric or zero-emission transportation

The project is specifically identified in a State Carbon Reduction Strategy, State Electric Vehicle Infrastructure Deployment Plan, or other State, local, or tribal GHG reduction plan, and that reference is included in the application

The applicant has a plan to monitor the impact of the project on GHG emissions, and they are expected to be significant

INNOVATION

Vehicle-to-Grid Technologies (e.g., technologies and infrastructure that encourage electric vehicle charging, and broader sustainability of the power grid)

NOFO Release

3/25/2024

Applications Due

5/4/2024

FY 25 & FY 26: \$1.7 B

Grant Link: [The Mega Grant Program | US Department of Transportation](#)



USDOT – OST

Rural Surface Transportation Grant (Rural)

Eligible Applicants

States

Regional transportation planning organization

Local governments

Multijurisdictional group of eligible entities

ZEV Criteria (1 OF 3)

CLIMATE CHANGE, RESILIENCE AND THE ENVIRONMENT

Primary project purpose supports shift to/deployment of electric or zero-emission transportation

The project is specifically identified in a State Carbon Reduction Strategy, State Electric Vehicle Infrastructure Deployment Plan, or other State, local, or tribal GHG reduction plan, and that reference is included in the application

The applicant has a plan to monitor the impact of the project on GHG emissions, and they are expected to be significant

INNOVATION

Vehicle-to-Grid Technologies (e.g., technologies and infrastructure that encourage electric vehicle charging, and broader sustainability of the power grid)

NOFO Release

3/25/2024

Applications Due

5/10/2024

FY 25 & FY 26: \$780 m

Grant Link: [The Rural Surface Transportation Grant Program | US Department of Transportation](#)



A stylized illustration of a landscape. A grey road with white dashed lines curves across the scene. Above the road is a yellow sun partially obscured by a white outline of a state. The background is a light blue sky and a light green field. The entire illustration is contained within a circular frame on the left side of the slide.

Competitive Application Tips



Form strategic partnerships

Prepare or identify policies to support merit criteria

Public involvement

Prepare to apply:

- Register in SAM / obtain UEI
- Register in grants.gov or system used / identify AOR

READ the NOFO thoroughly

Use tools suggested in the NOFO or other similar tools

Submit early

Market to advocates



Climate and Economic Justice Screening Tool (CJEST)

- [Explore the map - Climate & Economic Justice Screening Tool \(geoplatform.gov\)](https://geoplatform.gov)

Equitable Community Transportation Explorer (ETC)

- [ETC Explorer | US Department of Transportation](#)

Grant Project Location Verification Tool

- [Grant Project Location Verification \(dot.gov\)](#)

Transportation Workforce and Labor Checklist Tool

- [Grant Application Checklist for a Strong Transportation Workforce and Labor Plan | US Department of Transportation](#)

Transportation Decarbonization Fact Sheet

- [The U.S. National Blueprint for Transportation Decarbonization: A Joint Strategy to Transform Transportation Fact Sheet \(energy.gov\)](#)

Promising Practices for Meaningful Public Involvement in Transportation Decision-Making

- [Promising Practices for Meaningful Public Involvement in Transportation Decision-Making | US Department of Transportation](#)

USDOT & Other Federal Tools



“

Keys to Success

Planning
Preparation
Promotion
Persistence



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