

FTA

FEDERAL TRANSIT ADMINISTRATION

Low or No Emission Grant Program Webinar

May 11, 2017



U.S. Department of Transportation
Federal Transit Administration

Agenda

- Program Overview
- Evaluation Criteria
- Application Requirements and Forms
- Questions

Program Description

Section 5339(c) of Title 49, United States Code, as amended by the FAST Act, authorizes FTA to award grants for low or no emission buses. The Low-No Program provides funding for the purchase or lease of zero-emission and low-emission transit buses as well as for the acquisition, construction or leasing of supporting facilities and equipment.

Federal Transit Administration
Low or No Emission Bus Program

U.S. Department of Transportation
Federal Transit Administration

On April 26, 2017, FTA announced the opportunity to apply for Low and No Emission (Low-No) Bus Program grants.

CONGRESSIONAL AUTHORIZATION
Federal transit law: **\$55M** /year for low & zero-emission buses, FY16-FY20

LOW-NO GRANTS
FY16: grants to **20** transit agencies in **13** states
FY17: Up to **\$55** million available

BUS MILEAGE COMPARISON
Diesel fuel bus: **3.8 mpg**
Electric bus: **21 mpg-e**

COST/MILE COMPARISON
Diesel fuel bus: **\$.84**
Electric bus: **\$.19**

FOOTHILL TRANSIT'S STORY
Year Foothill Transit (CA) deployed its first electric bus: **2010**
Fuel savings since inception: **200,405 gal.**
Cost savings: **160K**/life of each bus

www.transit.dot.gov/funding/grants/lowno

2016 Low-No Competition

Quick Facts

- 101 project proposals from 32 states
- Total of \$446 million requested
- 20 projects funded for a total of \$55 million
- Largest award was \$3.9 million
- List of funded projects on the FTA website
 - <https://www.transit.dot.gov/funding/grants/fiscal-year-2016-low-or-no-emission-low-no-bus-program-projects>

2017 Low-No Competition

- **Notice of Funding Opportunity: April 27, 2017**
- **Applications Due: June 26, 2017**
 - Application Package can be found at www.grants.gov by searching for keyword “Low or No Emissions” or “Low-No.” Applicants must register on www.grants.gov at least 2-4 weeks prior to applying.
- **Project Evaluations: June – July 2017**
- **Award Announcements: Late Summer 2017**

Award Information

Funding Availability

- A total of \$55 million has been made available for low or no emission bus and bus facilities projects that support the evaluation criteria.
- Projects will be selected on a competitive basis, consistent with the criteria outlined in the notice.
- Funding is available for obligation for year of award plus three years.
- Pre-award authority starts on the date of project announcement.

Eligibility Information

Eligible Applicants

- Designated Recipients, States, local governmental authorities or federally recognized Indian Tribes are eligible to submit proposals for this initiative.
- Rural areas must submit as part of a consolidated State application.
- An eligible recipient may submit an application in partnership with specific manufacturers, consultants, and other private sector partners that intend to participate in the implementation of the project.
 - The competitive selection process satisfies the requirement for a competitive procurement for the partners named in the application.

Eligibility Information

Cost Sharing or Matching

- Vehicles are eligible for a maximum 85% Federal/15% non-Federal match.
- Low or no emission bus related equipment or facilities are eligible for a 90% Federal/10% non-Federal match.
- Eligible sources of local match are listed in the NOFO.

Eligibility Information

Eligible Projects

- Purchase or lease of 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
- Rehabilitating or improving existing facilities to accommodate low or no emission buses
- Workforce development

Eligibility Information

Eligible Projects

- Projects are not required to be in an air quality non-attainment area.
- Proposed vehicles must make greater reductions in energy consumption and harmful emissions, including direct carbon emissions, than comparable standard buses or other low or no emission buses. (49 USC 5339(c)(5)(A))
- All proposed projects must be part of the intended recipient's long-term integrated fleet management plan. (49 USC 5339(c)(5)(B))
- All new buses purchased with Low-No funds must complete bus testing prior to disbursement of FTA funds.
- All transit vehicles must be purchased from certified transit vehicle manufacturers in accordance with the Disadvantaged Business Enterprise (DBE) regulations.
- All capital procurements must meet FTA's Buy America requirements.

Eligibility Information

Definition of Low or No Emission Bus

A low or no-emission bus is defined as a passenger vehicle used to provide public transportation that significantly reduces energy consumption, air pollution, or direct carbon emissions, when compared to a standard vehicle.

This includes zero-emission transit buses, which are defined as buses that produce no direct carbon emissions and no particulate matter emissions under any and all possible operational modes and conditions.



Eligibility Information

Ineligible Projects

- Operating expenses
- Preventive maintenance
- Development or deployment of prototype vehicles
- Previous project expenses
- Mobility Management

Application and Submission Information

Notice of Funding Opportunity (April 27, 2017):

<https://www.federalregister.gov/documents/2017/04/27/2017-08489/fy-2017-competitive-funding-opportunity-low-or-no-emission-grant-program>

Application Information:

<https://www.transit.dot.gov/funding/applying/notices-funding/low-or-no-emission-low-no-program-fy-2017-notice-funding-0>

Applications must include:

1. SF-424 Application for Federal Assistance (from Grants.gov)
2. Low-No Program Supplemental Form (from Grants.gov or [FTA website](#))
3. Supporting Documentation

Applications must be submitted through Grants.gov **by 11:59 PM EDT on June 26, 2017.** Late applications may not be accepted.

Application Review

Evaluation Criteria (The Six Hows)

1. Demonstration of Need

How will the proposed project address an unmet need for capital investment?

2. Demonstration of Benefits

How will the proposed project support the program objectives (reduce energy consumption, reduce harmful emissions and reduce direct carbon emissions)?

3. Planning and Local/Regional Prioritization

How is the proposed project consistent with local and regional long range planning documents and local government priorities?

4. Local Financial Commitment

How will the local funds be secured?

5. Project Implementation Strategy

How will the proposed project be implemented?

6. Technical, Legal & Financial Capacity

Does the applicant have the know-**how** to carry out the proposed project?

Low-No Resources

Federal Transit Administration

Search FTA site

About Funding Regulations & Guidance

Home

Grant Programs

Program Pages

Applicants

Grantee Tools

Contact Your Regional Office

Low or No Emission Vehicle Program - 5339(c)

The Low or No Emission Competitive program provides funding to state and local governmental authorities for the purchase or lease of zero-emission and low-emission transit buses as well as acquisition, construction, and leasing of required supporting facilities. Under the FAST Act, \$55 million per year is available until fiscal year 2020.

Technical Assistance

FTA contracts with the National Renewable Energy Lab to evaluate zero-emission bus research and demonstration projects.

- Electric and Plug-In Hybrid Electric Fleet Vehicle Testing
- Hydrogen Fuel Cell Bus Evaluations

FTA hosted webinars on deploying low- or no-emission buses that feature speakers from agencies that have been successful in introducing zero-emission buses, including recipients of FTA's Low-No grants.

- February 1, 2017 - Center for Transportation and the Environment⁶
 - Low-No Best Practices: From Grant Application to Deployment
 - Low-No Best Practices: From Grant Application to Deployment transcript
 - Webinar recording⁶
- January 24, 2017 - CALSTART⁶
 - Best Practices: Deploying Low or No Emission Buses
 - Best Practices: Deploying Low or No Emission Buses transcript
 - Webinar recording⁶

Related Links

- FY2017 Low or No Emission Vehicle Program Notice of Funding
- Low or No Emission Program Frequently Asked Questions
- FY 2016 Low or No-Emission Vehicle Program Selected Projects
- FY2015 Low and No-Emission Vehicle Deployment Research Program Project Selections
- FY2013-2014 Low and No-Emission Vehicle Deployment Research Program Project Selections
- Race to Zero Emissions
- Transit Asset Management

Related Documents

- Bus and Bus Facilities/Low-No Competitive Grant Programs Presentation, April 19, 2016

Contact Us

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United States
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Business Hours:
8:30 a.m.-5 p.m. ET, M-F

Printer-friendly version

Share:

<https://www.transit.dot.gov/funding/grants/lowno>

Grants.gov Registration

The screenshot displays the Grants.gov website interface. At the top, the navigation bar includes links for HOME, LEARN GRANTS, SEARCH GRANTS, APPLICANTS (selected), GRANTORS, SYSTEM-TO-SYSTEM, FORMS, OUTREACH, and SUPPORT. A search bar is located on the right with the text "SEARCH: Grant Opportunities" and a "GO" button. The main content area is titled "WORKSPACE OVERVIEW" and features a large image of people walking. Below the image, there are three main sections: "Workspace Process" with a diagram of four steps, "Workspace Roles" with a diagram of roles (EBIZ, AOR, AOR EXPANDED, AOR, MW), and "Workspace Instructions" with a list of steps. On the left side, there is a sidebar with "APPLICANT ACTIONS" and "APPLICANT RESOURCES" sections. On the right side, there are "Help" sections for "Online User Guide" and "Contact Center", and a "Get Application Package" button.

APPLICANT ACTIONS

- » Apply for Grants
- » Track My Application

APPLICANT RESOURCES

- » **Workspace Overview**
- » Workspace Process
- » Workspace Roles
- » STEP 1: Create a Workspace Package
- » STEP 2: Complete a Workspace Package
- » STEP 3: Submit a Workspace Package
- » STEP 4: Track a Workspace Package
- » Applicant Eligibility
- » Individual Registration
- » Organization Applicant Registration
- » Applicant Training
- » Applicant FAQs
- » Adobe Software Compatibility
- » Submitting UTF-8 Special Characters
- » Encountering Error Messages

Workspace Process

Workspace is the standard way to apply for grants in Grants.gov for both organizations or individuals. It is designed to work for individual applicants and large teams applying on behalf of an organization, so there are a variety of features for you to utilize.

Workspace Roles

- EBIZ
- AOR + MPIN
- AOR EXPANDED
- AOR
- MW

Workspace Instructions

After reviewing the Workspace Process and Workspace Roles pages, you are ready for more detailed instructions:

- Step 1: Create a Workspace Package
- Step 2: Complete a Workspace Package
- Step 3: Submit a Workspace Package
- Step 4: Track a Workspace Package

Workspace Training and Tutorial Videos

If you prefer to learn about Workspace with videos, check out the [Grants.gov YouTube channel](#).

Help: Online User Guide
Find registration, search, and application instructions for all users in the Grants.gov Online User Guide.

Help: Contact Center
Contact the Grants.gov Support Center to get help from a Contact Center Representative.
Email us at support@grants.gov or visit our [Support page](#).

Get Application Package
If you know the specific CFDA Number, Funding Opportunity Number, or Funding Opportunity Composition ID, quickly search for the package.

[Get Application Package »](#)

Grants.gov Registration

The screenshot displays the Grants.gov website interface. At the top, there is a navigation bar with links for HELP, MANAGE SUBSCRIPTIONS, REGISTER, and LOGIN. A search bar is present with a dropdown menu set to 'Grant Opportunities' and a 'GO' button. Below the navigation bar, a breadcrumb trail reads 'GRANTS.GOV > Applicants > Organization Applicant Registration'. The main heading is 'ORGANIZATION APPLICANT REGISTRATION'. On the left, a sidebar contains 'APPLICANT ACTIONS' (Apply for Grants, Track My Application) and 'APPLICANT RESOURCES' (Applicant Eligibility, Individual Registration, Organization Applicant Registration, Workspace Overview, Applicant Tools & Tips, Applicant FAQs, Adobe Software Compatibility, Submitting UTF-8 Special Characters, Encountering Error Messages). The main content area features a photograph of people's legs walking, followed by the section 'Registering as an Organization Applicant'. This section includes a paragraph explaining the need to register before applying, a paragraph detailing the registration process, and a paragraph advising to start early. On the right, there are two callouts: 'Grants.gov Online User Guide' and 'Reach Out and Get Help', both providing contact information for support.

HELP | MANAGE SUBSCRIPTIONS | REGISTER | LOGIN

SEARCH: Grant Opportunities ▾ Enter Keyword... GO

HOME | LEARN GRANTS ▾ | SEARCH GRANTS | **APPLICANTS ▾** | GRANTORS ▾ | SYSTEM-TO-SYSTEM ▾ | FORMS ▾ | OUTREACH ▾ | SUPPORT

GRANTS.GOV > Applicants > Organization Applicant Registration

ORGANIZATION APPLICANT REGISTRATION

APPLICANT ACTIONS

- » Apply for Grants
- » Track My Application

APPLICANT RESOURCES

- » Applicant Eligibility
- » Individual Registration
- » **Organization Applicant Registration**
 - » STEP 1: Obtain a DUNS Number
 - » STEP 2: Register with SAM
 - » STEP 3: Create a Username and Password
 - » STEP 4: EBiz POC Authorizes Roles
 - » STEP 5: Track Role Status
- » Workspace Overview
- » Applicant Tools & Tips
- » Applicant FAQs
- » Adobe Software Compatibility
- » Submitting UTF-8 Special Characters
- » Encountering Error Messages

Registering as an Organization Applicant

Before applying for a funding opportunity, you need to register as an applicant associated with an organization. Registering with Grants.gov allows you to create an account and connect it with the organization you either work for or otherwise contribute to their grant applications.

Registering as an organization applicant submits a request to your organization's EBiz POC for Grants.gov roles. One of these roles is the Authorized Organization Representative (AOR) role, which, if authorized to you, allows you to submit applications on behalf of your organization. An organization is an entity that submits grant applications on behalf of the group, such as a state government, nonprofit organization, or a private business. Registering as an organization applicant has five main steps. Below is an overview of the registration process. Click one of the steps to view more detailed instructions.

Please make sure to begin registration early, as the process takes between three business days and three weeks. If you do not complete your registration by the submission deadline, then you are unlikely to be allowed to submit an application. You should contact the agency point of contact listed on the grant opportunity to discuss that agency's policy.

Grants.gov Online User Guide
Find registration, login, and search instructions for all users in the [Grants.gov Online User Guide](#).

For detailed applicant information, review the Applicants section of the online user guide.

Reach Out and Get Help
Contact the Grants.gov Support Center to get help from a Contact Center Representative.

Email us at support@grants.gov or visit our [Support page](#).

Grants.gov Search

Search Grants | GRANTS.GOV

Secure | https://www.grants.gov/web/grants/search-grants.html?keywords=low%20or%20no

HELP | MANAGE SUBSCRIPTIONS | REGISTER | LOGIN

SEARCH: Grant Opportunities ▾ Enter Keyword... **GO**

GRANTS.GOV > Search Grants

SEARCH GRANTS

BASIC SEARCH CRITERIA:

Keyword(s):

Opportunity Number:

CFDA:

SEARCH

OPPORTUNITY STATUS:

- Forecasted (5)
- Posted (630)
- Closed (1,151)
- Archived (20,503)

FUNDING INSTRUMENT TYPE:

- All Funding Instruments
- Cooperative Agreement (380)
- Grant (348)
- Other (50)
- Procurement Contract (47)

ELIGIBILITY:

- All Eligibilities
- City or township governments (73)
- County governments (80)
- For profit organizations other than small businesses (61)

SORT BY: Posted Date (Descending) ▾ **Update Sort**

DATE RANGE: All Available ▾ **Update Date Range**

1 - 25 OF 635 MATCHING RESULTS: [« Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) ... [26](#) [Next >](#)

Opportunity Number	Opportunity Title	Agency	Opportunity Status	Posted Date ↓	Close Date
FTA-2017-003-TPM-LOWNO	FY 2017 Competitive Funding Opportunity: Low or No Emission Grant	DOT-FTA	Posted	04/27/2017	06/26/2017
PAR-16-292	Mobile Health: Technology and Outcomes in Low and Middle Income Countries (R21)	HHS-NIH11	Posted	05/26/2016	08/31/2018
PAR-17-086	Tobacco Use and HIV in Low and Middle Income Countries (R21)	HHS-NIH11	Posted	12/15/2016	01/07/2020
PAR-17-087	Tobacco Use and HIV in Low and Middle Income Countries (R01)	HHS-NIH11	Posted	12/15/2016	01/07/2020
PAR-17-097	Planning for Non-Communicable Diseases and Disorders Research Training Programs in Low and Middle Income Countries (D71)	HHS-NIH11	Posted	12/22/2016	03/14/2019
N00014-17-S-B008	Electronic Warfare Technology	DOD-ONR	Posted	12/19/2016	06/05/2017
FWS-R8-YFWO-2010-FISHERIES-PP-05	Blue Creek Chinook & Coho Life Cycle Monitoring Project	DOI-FWS	Posted	07/14/2010	
CDC-RFA-MN17-1701	CDC Undergraduate Public Health Scholars Program (CUPS): A Public Health Experience to Expose Undergraduate and Graduate Students to Minority Health, Public Health and Health Professions	HHS-CDC-OD	Posted	04/18/2017	06/19/2017
CDC-RFA-IP17-1703	National Organization to Strengthen and Support a Network of Immunization Program Managers	HHS-CDC-	Posted	04/11/2017	06/12/2017

SF-424 Form

The screenshot shows a PDF form titled "Grant Application Package" from GRANTS.GOV. The form is displayed in Adobe Acrobat Pro. The top of the window shows the file name "oppFTA-2013-006-TPM-cfda20.527.pdf" and the Adobe Acrobat Pro interface with various toolbars and a status bar. The form itself contains the following fields and sections:

GRANTS.GOV™ Print Cancel

Opportunity Title: Notice of Funding Availability for Resilience Projects

Offering Agency: DOT/Federal Transit Administration

CFDA Number: 20.527

CFDA Description: Public Transportation Emergency Relief Program

Opportunity Number: FTA-2013-006-TPM

Competition ID:

Opportunity Open Date: 12/24/2013

Opportunity Close Date: 03/29/2014

Agency Contact: Adam Schildge
Program Manager
E-mail: adam.schildge@dot.gov
Phone: 202-366-0778

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

Application Filing Name: [Redacted]

Select Forms to Complete

Mandatory Save Save & Submit Check Package for Errors

[SF424 Mandatory Form](#)

[Attachments](#)

Optional

Instructions

[Show Instructions >>](#)

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here. If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

SF-424 Form

oppFTA-2013-006-TPM-cfda20.527.pdf - Adobe Acrobat Pro

File Edit View Window Help

Create

4 / 7 130%

Tools Comment

Please fill out the following form. If you are a form author, choose Distribute from the Forms panel in the Tools Pane on the right to send it to your recipients. Highlight Existing Fields

* Last Name:
[Redacted]

Suffix: [Dropdown] * Title:
[Redacted]

Organizational Affiliation:
[Redacted]

* Telephone Number:
[Redacted]

* Fax Number:
[Redacted]

* Email:
[Redacted]

* Signature of Authorized Representative:
[Redacted]

* Date Signed:
[Redacted]

Attach supporting documents as specified

Form Attachments:

Add Attachment
Delete Attachment
View Attachment
Done

Supplemental Form

Low or No Emission Bus Program (5339(c)) v1.0

Applicant and Proposal Profile

Is this a resubmission due to an invalid/error message from FTA? Yes No

Section I. Applicant Information

Organization Legal Name:

FTA Recipient number ID Number:

- Applicant Eligibility:
- Direct or designated recipient
 - State
 - Local Governmental Authority
 - A Federally-recognized Native American Tribe

- Population Served:
- Urbanized Area
 - Rural

Description of services provided and areas served.

Section II. Project Information/Evaluation Criteria (This section repeats per project)

About the Project

Project Title:
(Descriptive title of this project)

Project Executive Summary:

Key Takeaways

- 🔑 Use the NOFO.
- 🔑 Documentation is crucial.
- 🔑 Tell your story.



Questions

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Federal Transit Administration

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<https://www.transit.dot.gov/funding/grants/lowno>