

2021 IDEM VW Onroad & Nonroad Grant Options Webinar

Indiana Department of Environmental Management & South Shore Clean Cities



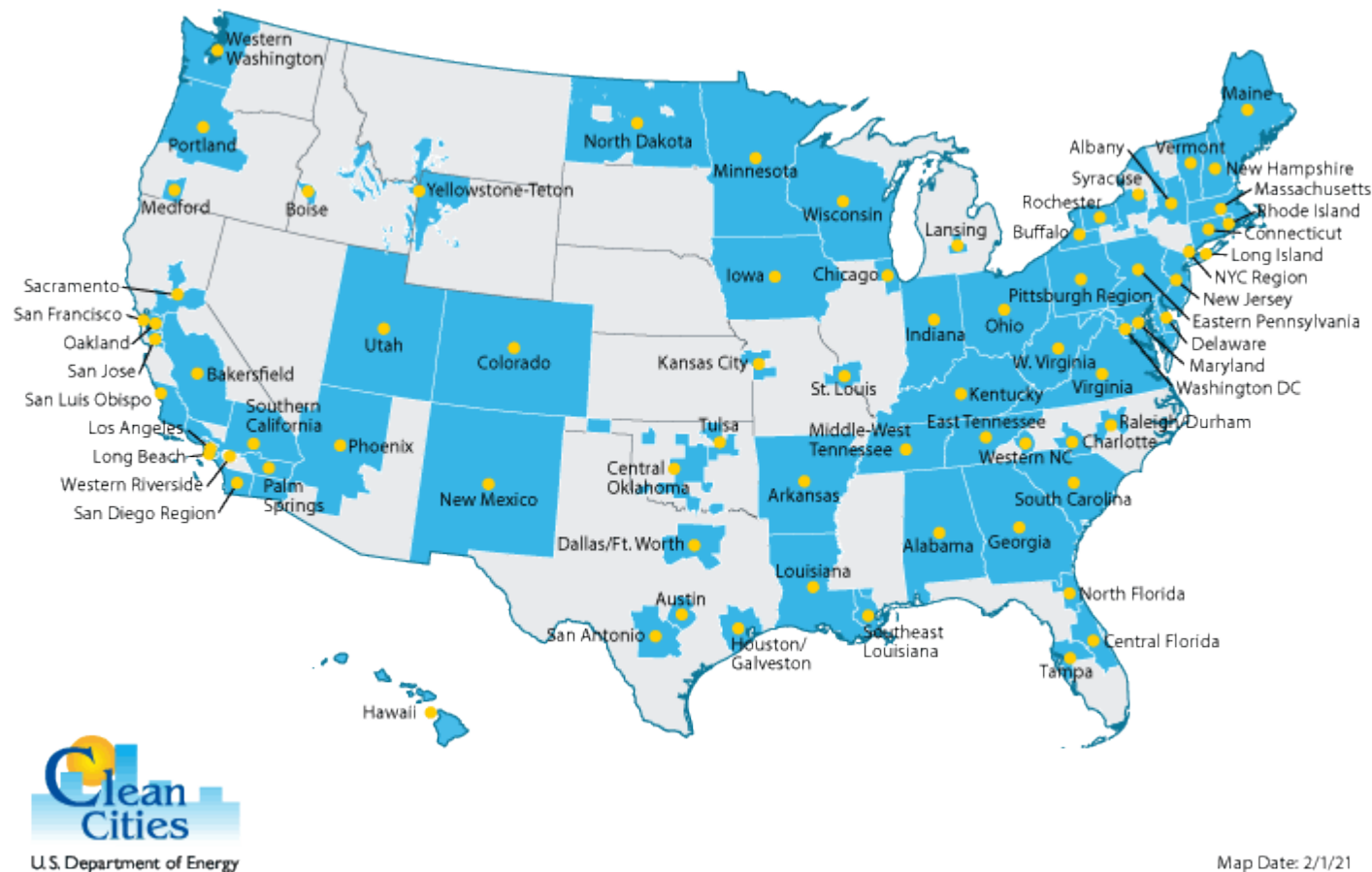
Indiana VW Mitigation Plan



National Clean Cities Connection

Designation

- Designated as the 71st Clean Cities coalition on June 15, 1999
- Part of a national network of *U.S. Department of Energy Clean Cities Coalitions*
- Now serving the entire state of Indiana – Effective Feb. 1, 2021



About South Shore Clean Cities

Successes

- In the last decade, South Shore Clean Cities members have reduced greenhouse gas emissions by **607,000 tons** and displaced over **93 million gallons of gasoline**.
- In 2020 alone, South Shore Clean Cities' members were awarded **\$9.3 million** in grant dollars with our assistance.
- **\$5.3 million** awarded for VW Mitigation funding in 2020.



Partnerships & Grant Acquisitions

Support Services

- Educational fuel & technology workshops, trainings, seminars and webinars
- Grant writing services
- Grant administration & support
- Fleet audits and emission quantifications
- Connections with vendors offering sustainable transportation options



Indiana VW Mitigation Breakdown

Round 1: 9/19/19 IDEM Onroad/Nonroad

- Total Projects Awarded: 34
- Total Amount Awarded: \$9,830,683
- Total Equipment Funded: 179

SSCC Success

27

\$6,915,513 (70.7%)

118

Round 1: 1/31/20 IDEM DERA Option

- Total Projects Awarded: 5
- Total Amount Awarded: \$1,311,298
- Total Equipment Funded: 6

SSCC Success

4

\$1,017,112 (77.6%)

4

Indiana VW Mitigation Breakdown

Round 2: 11/23/20 IDEM Onroad/Nonroad

- Total Projects Awarded: 17
- Total Amount Awarded: \$6,150,000
- Total Equipment Funded: 193

SSCC Success

16

\$5,334,979 (94%)

120

Round 2: 1/13/21 IDEM DERA Option

- Total Projects Awarded: 6
- Total Amount Awarded: \$2,253,537
- Total Equipment Funded: 17

SSCC Success

6

\$2,253,537 (100%)

17

Indiana VW Mitigation Breakdown

Round 2: 11/18/20 IDEM Level 2 Charging

- Total Applicants Awarded: 18
- Total Amount Awarded: \$493,000
- Total Charging Station Locations: 56

SSCC Success

16

\$206,000 (42%)

24

Contact South Shore Clean Cities!



Carl Lisek

Executive Director

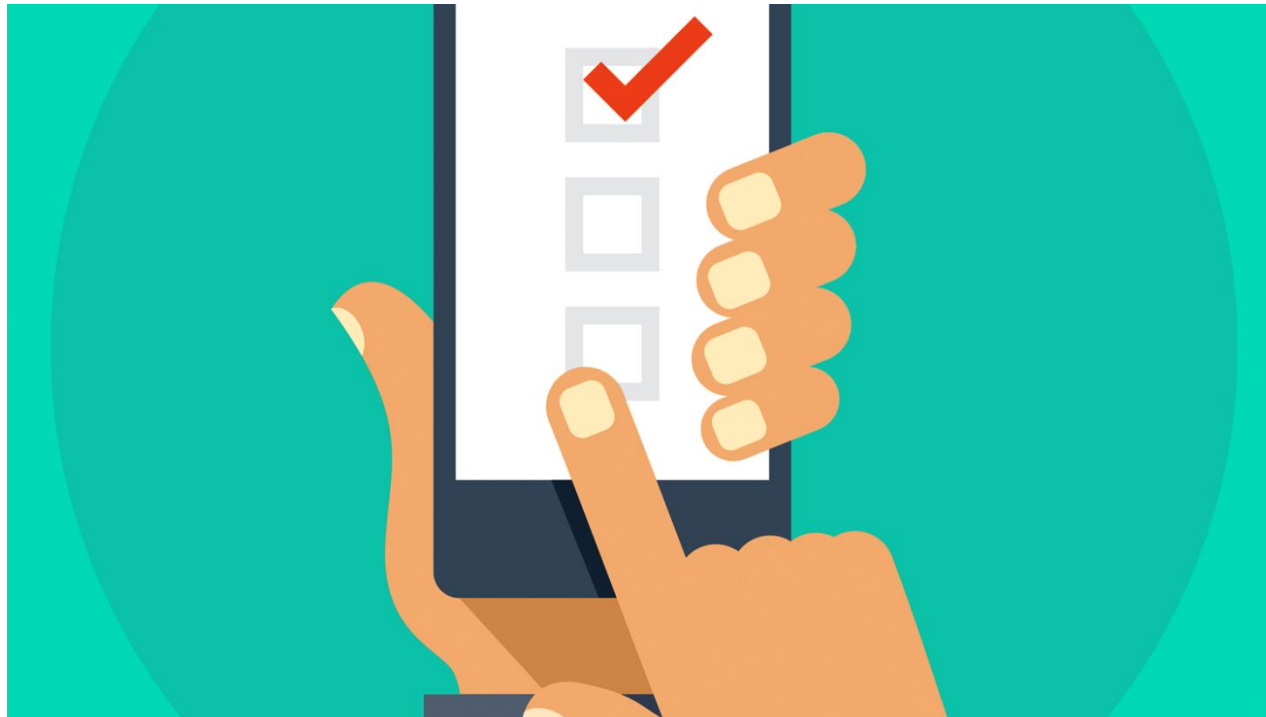
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Quick Poll!





2021 Indiana Volkswagen Mitigation Trust Program

Onroad and Nonroad Projects Request for Proposals

Shawn Seals

Senior Environmental Manager
IDEM – Office of Air Quality

April 15, 2021



2021 Request for Proposals Overview

- 2021 Indiana Volkswagen Mitigation Trust Program (IVMTP) Round 3 - Onroad and Nonroad Funding
- Eligible Grant Applicants
- Eligible Vehicles, Engines, and Equipment
- Eligible Projects and Percentage of Project Costs Covered
- Round 3 Revisions and Reminders
- Vehicle and Equipment Replacement Requirements
- Project Application, Prioritization, and Selection Process
- Evaluation Criteria
- Estimated Timeline

2021 Indiana Volkswagen Program Round 3 - Onroad and Nonroad Funding

- \$12 million is available for clean diesel projects from IVMTP!
 - \$4.26 million for Class 4-8 Onroad Vehicles (excluding school buses)
 - \$1.99 million for non-electric-powered school buses
 - \$850 thousand for electric-powered school buses
 - \$2.73 million for nonroad equipment and vehicles
 - \$2.17 million IDEM discretionary projects from above
 - Minimum single grant award: \$50,000
 - Maximum single grant award: \$2,000,000
 - Applications due Tuesday, June 1, 2021
 - Most projects expected to be completed by Dec. 31, 2022

Eligible Grant Applicants

- **Public diesel fleets** – Examples include state, county, city, municipal, school, and quasi-governmental fleets
- **Private diesel fleets** – Examples include single vehicle owner operators; large onroad fleets; marine and stevedore equipment; and freight switcher locomotives

Eligible Vehicles, Engines, and Equipment

Projects may include, but are not limited to:

- Class 4-8 medium-duty or heavy-duty trucks
- Class 4-8 buses
- Pre-Tier 3 ferry and tug boat marine engines
- Pre-Tier 4 freight switcher locomotives
- Pre-Tier 3 airport ground support equipment
- Over 8,000 pound lift capacity forklifts and port cargo handling equipment



Eligible Projects and Percentage of Project Costs Covered by IVMTP

- Class 4-8 medium-duty or heavy-duty trucks
 - Model years 1992-2009
 - No diesel
 - Repower 40% (alternative fuel and non-electric), 75% (electric)
 - Replacement 25% (alternative fuel and non-electric), 50% (alternative fuel and non-electric drayage trucks), 75% (electric)
- Class 4-8 buses (school, shuttle, transit)
 - Model year 2009 and older
 - Repower 40% (alternative fuel and non-electric), 75% (electric)
 - Replacement 25% (alternative fuel and non-electric), 75% (electric)

Eligible Projects and Percentage of Project Costs Covered by IVMTP

- Pre-Tier 4 freight switcher locomotives
 - Operated over 1,000 hours per year
 - Repower 40% (non-electric), 75% (electric)
 - Replacement 25% (non-electric), 75% (electric)
- Pre-Tier 3 ferry and tug boat marine engines
 - Operated over 500 hours per year
 - Repower 40% (non-electric), 75% (electric)

Eligible Projects and Percentage of Project Costs Covered by IVMTP

- Pre-Tier 3 airport ground support equipment
 - Operated over 500 hours per year
 - Repower 75% (all-electric only)
 - Replacement 75% (all-electric only)
- Over 8,000 pound lift capacity forklifts and port cargo handling equipment
 - Located in Indiana ports
 - Operated over 500 hours per year
 - Repower 75% (all-electric only)
 - Replacement 75% (all-electric only)

Round 3 Revisions and Reminders

There are a few subtle changes to the Round 3 RFP:

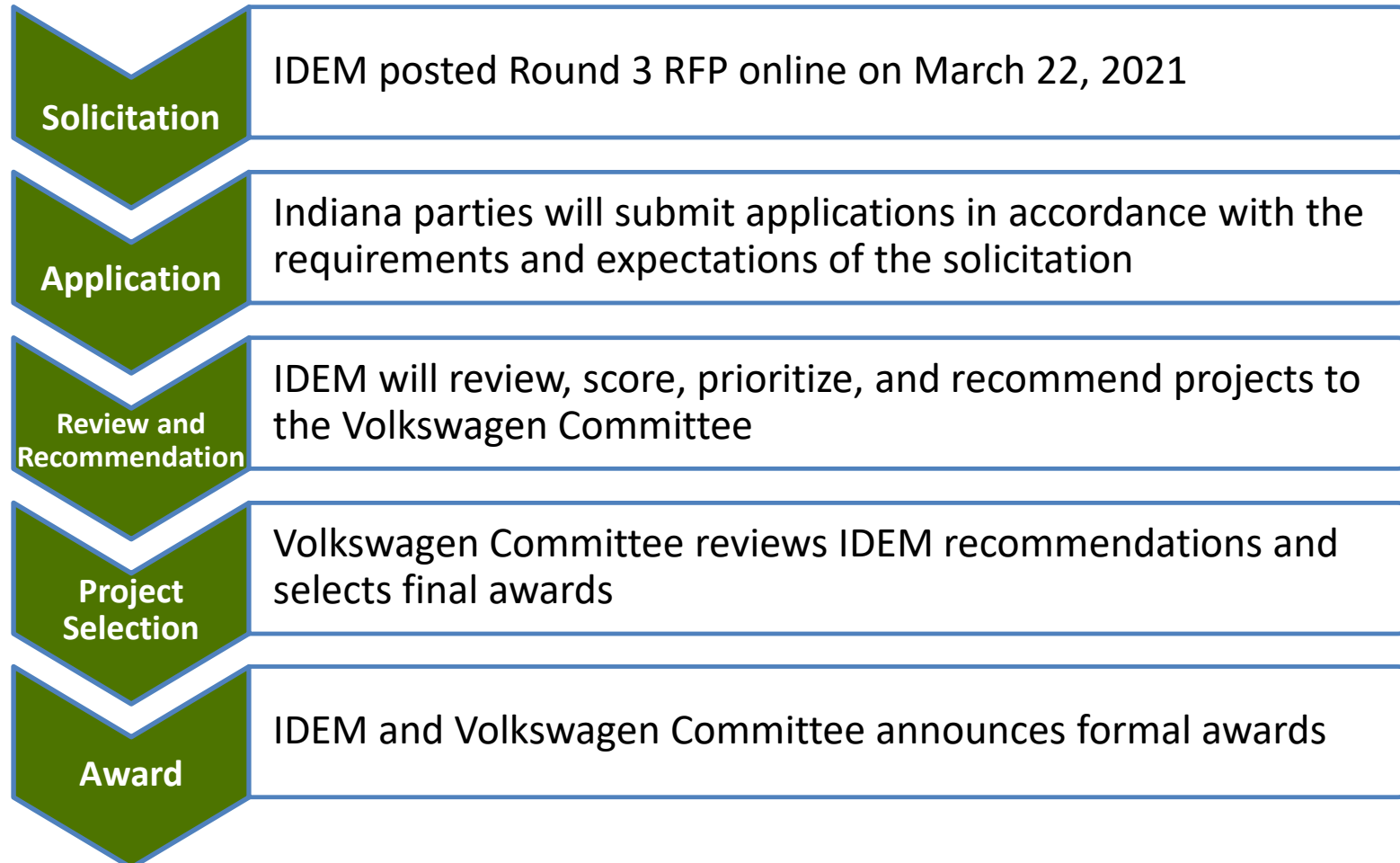
- No onroad diesel-to-diesel repower or replacement projects are eligible in Round 3
- Nonroad and Marine equipment hours of operation requirement lowered from 1,000 to 500 per year
- No contingent funding will be considered
- No lease or installment purchase programs are eligible for funding
- Any third-party funds being used in project must be “in-house” and fully “dedicated”
- No “in-kind” matches will be considered towards the applicants’ required match; cash only
- Hard limit on 10-page narrative section

Vehicle and Equipment Replacement Requirements

Replacement vehicles and equipment must meet at least the following:

- Same type and similar gross vehicle weight rating or horsepower of replaced vehicle/equipment
- Must perform same function as replaced vehicle/equipment
- Replaced vehicle/equipment must be scrapped or rendered permanently disabled or returned to OEM for remanufacture (hole in engine block and frame rails cut in half)
- Evidence of appropriate disposal or scrappage

Project Application, Prioritization and Selection Process





Evaluation Criteria

| Criteria | Points |
|--|--------|
| Cost effectiveness of project (\$ per ton of NOx reduced) | 25 |
| Transformational potential (potential to prove or maximize effectiveness of newer technology) | 15 |
| Project's total NOx emission reduction potential (based on type of project and/or the use of vehicle) | 15 |
| NAAQS sensitive areas as a percentage of current standards | 15 |
| Air quality benefits to areas with sensitive populations or that bear a disproportionate share of the air pollution burden | 10 |
| Leveraging of resources (financial only) | 10 |
| Entities registered with the Indiana Secretary of State that operate vehicles and equipment in conjunction with Indiana facilities (include Indiana Economic Impact documentation) | 5 |
| Active participant in the State of Indiana, Department of Administration, or Department of Transportation Minority/Women/Veterans Business Enterprise Participation Plan (include MBE/WBE/VBE documentation) or in the case of a nonprofit or local unit of government has published guidelines that support MBE/WBE/VBE participation | 5 |



Estimated Timeline

| Milestone | Estimated Date | Accumulated Time from Posting |
|--|----------------|-------------------------------|
| Solicitation Posted to Website | March 23, 2021 | |
| Proposal Receipt Deadline | June 1, 2021 | 10 Weeks |
| Proposal Review, Prioritization, and Selection | June 28, 2021 | 14 Weeks |
| Selected Proposal Notification | July 2021 | 16 Weeks |
| Grant Agreements Fully Executed | Aug. 2021 | 20 Weeks |
| Projects Complete and Fully Implemented | Dec. 31, 2022 | 93 Weeks |
| Round 3 - DERA Option of Volkswagen Program | Fall 2021 | |

For More Information

Indiana Volkswagen Mitigation Trust Program website:
www.idem.IN.gov/vwtrust

Submit grant applications to: VWTrust@idem.IN.gov

For program assistance:

Shawn Seals

Senior Environmental Manager

IDEM – Office of Air Quality

317-233-0425

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Type your questions in the question box!



Reminder...

REMiNDER



Applications due June 1, 2021

Contact Us!



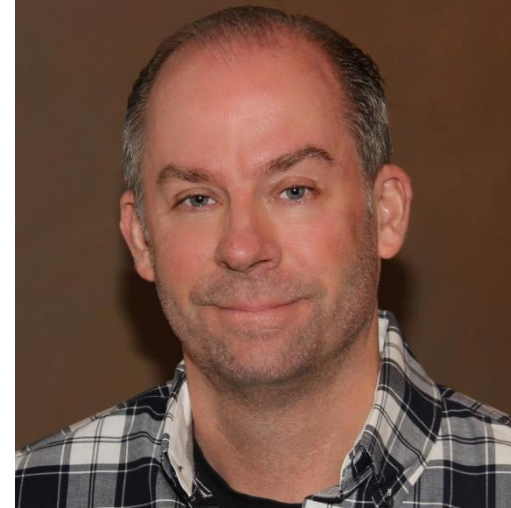
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Thank you!

