



# Indiana's DieselWise Indiana and Volkswagen Environmental Mitigation Trust Programs

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## DieselWise Indiana Snapshot

- Indiana's intentional efforts to reduce diesel emissions started in Northwest Indiana in 1996 due to the impact of heavy-duty diesel engines on air quality in this highly sensitive area
- After several years of good work in Northwest Indiana, the DieselWise Indiana was initiated to take the lessons learned in "The Region" across the rest of the state in 2000
- Projects shortlist:
  - Diesel to Propane school bus replacements
  - Diesel to CNG refuse haulers
  - School bus heaters and auxiliary power units
  - Low rolling resistance tires and truck and trailer aerodynamic improvements
  - Marine engine replacements
  - Switcher locomotive to 'slug unit' conversion
  - Switcher locomotive to diesel-electric hybrid conversion (before it was cool)
  - Switcher locomotives replaced with railcar movers (electric and diesel)
- Total vehicles funded: Nearly 3,500
- Total project costs: Roughly \$29,000,000
- Total Indiana VW award support: Over \$13,000,000 (without VW funding)



# VW Onroad and Nonroad and DERA Option Snapshot

- 62 projects awarded
  - Six electric school bus projects: three complete and three on schedule
  - 23 nonelectric school bus projects: 17 complete and six on schedule (five diesel, 17 propane)
  - 16 nonroad equipment and vehicles: five complete and 11 on schedule (seven diesel, one CNG, seven electric, one diesel-hydraulic hybrid)
  - Five transit bus projects: one complete and four on schedule (two CNG, three electric)
    - CNG project is complete
    - Electric projects progressing, but delayed
  - Eight short haul/drayage projects: five complete and three on schedule (four diesel, three CNG, one electric)
  - Four refuse hauler projects: one complete, one terminated by Grantee and two on schedule (All CNG)
- Total vehicles funded: 331
- Total project costs: \$75,102,755
- Total Indiana VW award support: \$20,330,393



# Current Financial Snapshot of Indiana VW Mitigation Trust Fund

Project Categories	Obligated to Category from Indiana BMP	VW Mitigation Funds	Matching Funds	Total Project Costs	VW Percentage of Total Project Cost	VW Percentage Remaining
Onroad Equipment and Vehicles (EMA 1, 2, 6)	\$21,320,000.00	\$6,064,874.82	\$12,958,659.78	\$19,023,534.60	31.88%	71.55%
Nonroad Equipment and Vehicles (EMA 3, 4, 5, 7, 8)	\$8,200,000.00	\$326,551.00	\$1,898,493.00	\$2,225,044.00	14.68%	96.02%
DERA Option (EMA 10)	\$4,100,000.00	\$219,241.90	\$536,276.71	\$755,518.61	29.02%	94.65%
EV Infrastructure (EMA 9)	\$6,150,000.00	-	-	-		100.00%
Program Administration	\$1,165,880.59	-	-	-		100.00%
<b>Totals</b>	<b>\$40,935,880.59</b>	<b>\$6,610,667.72</b>	<b>\$15,393,429.49</b>	<b>\$22,004,097.21</b>	<b>30.04%</b>	<b>83.85%</b>



# Typical Indiana VW Mitigation Trust Program Funding Breakdown

- \$9.83 million is available for clean diesel projects from IVMTTP!
  - \$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
  - Minimum single grant award: \$50,000
  - Maximum single grant award: \$2,000,000
  - Most projects expected to be completed by December 31 of the following year

# 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



## 2021 and 2022 Schedule of Milestones

Milestone	Estimated Completion
Round 3 DERA Option RFP posted (60 days)	October 2021
Round 3 DERA Option RFP deadline	December 2021
Round 3 DERA Option awards announced	January/February 2022
Targeted Round 4 RFP for remaining VW funds recommendation	August 2022





## For More Information



**Indiana Volkswagen Mitigation Trust Program website:**

[www.idem.IN.gov/airquality/2712.htm](http://www.idem.IN.gov/airquality/2712.htm)

**DieselWise Indiana website:**

[www.idem.IN.gov/airquality/2561.htm](http://www.idem.IN.gov/airquality/2561.htm)



**For program assistance:**

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