Indiana Volkswagen Environmental Mitigation Trust Fund
Committee Virtual Meeting

Thursday, September 8, 2022
1:00 p.m.

I. Welcome - Chair, Beverly Gard

II. Call to Order - Chair, Beverly Gard
   A. Overview of virtual meeting format – IDEM Media

III. Project Implementation Status Report - IDEM
   A. Onroad and Nonroad
   B. DERA Option
   C. Level 2 Charging
   D. DC Fast Charging

IV. Education, Outreach, and Marketing – Drive Clean Indiana
   A. Status Report

V. National Electric Vehicle Infrastructure Program – INDOT
   A. Brief Overview and Status Report

VI. Strategic Fourth Round Solicitation of Onroad and Nonroad Projects – IDEM
   A. Overview of remaining funds
   B. Overview of geographic distribution and gaps
   C. Recommendations for Round 4
   D. Committee Discussion and Action - Committee

VII. 2022 In Perspective
   A. Schedule of Milestones - IDEM
   B. Preliminary Meeting Schedule - IDEM

VIII. Public comment - Open floor for stakeholders

IX. Closing remarks – Chair, Beverly Gard

X. Adjournment
Indiana Volkswagen Environmental Mitigation Trust Program

Ongoing Project Updates, Targeted Round 4 DieselWise Indiana Recommendation, and Program Next Steps

September 8, 2022
Rounds 1 - 3
Onroad/Nonroad Projects Update
Current Status of Onroad and Nonroad Program Projects

Project Counts
- 125 applications received to date
- 82 projects awarded to date
- 41 projects completed to date

Rounds 1 - 3 Completed Project Highlights (not all-inclusive)
- 170 School buses replaced
- 22 Transit buses replaced
- 10 Municipal trucks replaced
- 5 Refuse haulers replaced
- 1 Locomotives improved/replaced
- 39 Other vehicles or equipment improved/replaced
Rounds 1 - 3
DieselWise Indiana with VW DERA Option
Projects Update
Current Status of DieselWise Indiana with VW DERA Option Program Projects

Project Counts
- 18 applications received to date
- 11 projects awarded to date
- 9 projects completed to date

Rounds 1 and 2 Completed Project Highlights (not all-inclusive)
- 8 Excavators replaced
- 8 Nonroad dump trucks
- 2 Locomotives improved/replaced
- 2 Bulldozers/Landfill compactors replaced
- 2 Terminal trucks replaced
- 3 Front-end loader replaced
- 1 Material handler
Level 2
Charging Infrastructure
Projects Update
Level 2 Charging Infrastructure Program Projects

Project Counts
- 18 applications received for 111 stations
- 55 stations awarded in 30 communities
- 4 project completed to date for 5 stations

- L2 Charging Station (55)
- Completed Project
  - Highways
  - City/Town

Notes:
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Mapped By: C. Mitchell,
Office of Air Quality
Date: 08/31/2022
Map Projection: UTM Zone 16 N
Map Datum: NAD83
DC Fast Charging Infrastructure Projects Update
DC Fast Charging Infrastructure Program Projects

Project Counts

- 28 applications received for 135 stations
- Indiana Utility Group selected for award
- All IUG partner Funding Agreements are fully executed
- Roughly 85% of site agreements are in place, with balance in place within weeks
- 61 stations installed and operational by December 2023, starting in Spring 2023
Drive Clean Indiana Education, Outreach, and Marketing Update
Update:

1. Accomplishments
2. Branding and Logo Development
3. Website Development
4. Outreach and Engagement
5. Incorporate Other Funding
Questions?
INDOT National Electric Vehicle Infrastructure Program Update
NEVI Program Overview and Goals:
- 2021 Bipartisan Infrastructure Law (BIL)
- Goal: create nationwide network of 500,000 EV chargers by 2030
- Funding:
  - $7.5B ($5B formula, $2.5B discretionary) over 5 years
  - Indiana = $99,605,738

Approach:
- Existing research
- Stakeholder engagement
- Plan development and review

Key Requirements:
- Every 50 miles along State’s interstate highway system, within 1 mile of the Interstate
- EV charging infrastructure must include at least four 150KW Direct Current (DC) Fast Chargers
- Rest areas are not eligible locations
- States are allowed to contract with private entities for installation, operations and maintenance
Preliminary Charging Infrastructure

- Preliminary charging locations are shown in blue with light green service areas
- Service area shapes represent a 25-mile range
- Overlapping service areas along the EV corridors demonstrate the AFC meets the NEVI criteria
- 44 Preliminary EV charging locations
With all preliminary charging locations shown, nearly the entire state of Indiana will be within 50-miles of a DCFC charging location.

98% of Indiana residents will be within 35-miles of a DCFC location.
Contracting Overview

**Strategy:**
- Competitive procurement process
- Incremental release of RFPs
- Multiple sites in each release

**Assumptions:**
- 20% match - leverage private sector contributions
- INDOT will not operate or maintain
- 5-year minimum O&M

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**2022-2023**
Prioritization of preliminary sites

**2023-2024**
Procurement of Phase 1 sites

**2024-2025**
1. Implementation of Phase 1 sites
   2. Procurement of Phase 2 sites

**2025 -2027**
1. Implementation of Phase 2 sites
   2. Procurement for Phase 3
   3. Full build out of AFCs

*NOTE: TIMEFRAME IS APPROXIMATE*
Strategic Round 4 Request for Proposals
# Current Financial Obligations of IN VW Mitigation Trust Fund

<table>
<thead>
<tr>
<th>Project Categories</th>
<th>Obligated to Category from Indiana BMP</th>
<th>VW Mitigation Funds</th>
<th>Remaining Balance of Category</th>
<th>VW Percentage Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onroad Equipment and Vehicles (EMA 1, 2, 6)</td>
<td>$21,320,000.00</td>
<td>$22,328,759.30</td>
<td>$(1,008,759.30)</td>
<td>-4.73%</td>
</tr>
<tr>
<td>Nonroad Equipment and Vehicles (EMA 3, 4, 5, 7, 8)</td>
<td>$8,200,000.00</td>
<td>$3,794,847.00</td>
<td>$4,405,153.00</td>
<td>53.72%</td>
</tr>
<tr>
<td>DERA Option (EMA 10)</td>
<td>$4,100,000.00</td>
<td>$4,060,457.92</td>
<td>$39,542.08</td>
<td>0.96%</td>
</tr>
<tr>
<td>EV Infrastructure (EMA 9)</td>
<td>$6,150,000.00</td>
<td>$6,018,998.00</td>
<td>$131,002.00</td>
<td>2.13%</td>
</tr>
<tr>
<td>Program Administration</td>
<td>$1,165,880.59</td>
<td>$800,000.00</td>
<td>$365,880.59</td>
<td>31.38%</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$40,935,880.59</strong></td>
<td><strong>$37,003,062.22</strong></td>
<td><strong>$3,932,818.37</strong></td>
<td><strong>9.61%</strong></td>
</tr>
<tr>
<td><strong>Total without Administration</strong></td>
<td><strong>$39,770,000.00</strong></td>
<td><strong>$36,203,062.22</strong></td>
<td><strong>$3,566,937.78</strong></td>
<td><strong>8.97%</strong></td>
</tr>
</tbody>
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## Geographic and Financial Breakdown of Project Regions

<table>
<thead>
<tr>
<th>Region</th>
<th>Number of Projects</th>
<th>Percent of Total Projects</th>
<th>Funds Spent</th>
<th>Percent of Funds Spent</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>59</td>
<td>60.20%</td>
<td>$18,531,036.60</td>
<td>61.39%</td>
</tr>
<tr>
<td>Central</td>
<td>33</td>
<td>33.67%</td>
<td>$10,444,282.62</td>
<td>34.60%</td>
</tr>
<tr>
<td>South</td>
<td>6</td>
<td>6.12%</td>
<td>$1,208,745.00</td>
<td>4.00%</td>
</tr>
<tr>
<td>Totals</td>
<td>98</td>
<td>100.00%</td>
<td>$30,184,064.22</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
Round 4 Program Considerations

• Onroad Equipment and vehicles have been overspent to date by roughly $1 million
• Nonroad Equipment and Vehicles have been underfunded to date by nearly $3.8 million
• DERA Option programs demand have been on-target with allowable funding
• EV Infrastructure is already funded at the maximum level of 15%
• Program Administration funds can be requested at any time
• Greatest emission reduction potential exists in nonroad equipment and vehicles
• Applications received and projects funded in Southern Indiana have been lagging other regions of the state
Round 4 Program Recommendation, Rationale, and Strategy

Recommendation:
• To obtain the greatest emission reductions possible, Round 4 would focus on nonroad projects across Indiana, with a special investment in marketing and outreach for Southern Indiana participation with a total funding amount of around $3.5 million

Rationale:
• Nonroad projects at construction sites, port locations, railyards, and other locations where heavy-duty equipment operates have a great localized impact on air quality and quality of life compared to onroad applications
• Over the first 3 rounds of nonroad projects, there has been an increase in diesel-to-electric replacements which are eligible under the VW consent decree, while those focused on non-electric replacements are also eligible under the DERA Option

Strategy:
• Using our marketing and outreach partners, a special focus will be placed on connecting with Southern Indiana nonroad programs and IDEM will utilize our discretion in identifying high-quality projects beyond scoring
VW Committee Discussion and Action on Strategic Round 4 Recommendation
2022 in Perspective
<table>
<thead>
<tr>
<th>Milestone</th>
<th>Estimated Completion</th>
<th>Volkswagen Committee Involvement</th>
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<tbody>
<tr>
<td>Strategic Round 4 RFP for remaining VW funds recommendation</td>
<td>Today</td>
<td>Review and/or Approve</td>
</tr>
<tr>
<td>Strategic Round 4 RFP Posted (90 days)</td>
<td>September 2022</td>
<td>NA</td>
</tr>
<tr>
<td>Targeted Round 4 awards announced</td>
<td>January 2023</td>
<td>Review and/or Approve</td>
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Opportunity for VW Committee to Seek Input or Public Comments from Attendees
For More Information

- Indiana Volkswagen Mitigation Trust Program website: 
  [www.idem.IN.gov/vwtrust](http://www.idem.IN.gov/vwtrust)

- For program assistance: 
  Shawn Seals
  - Senior Environmental Manager
  - IDEM – Office of Air Quality
  - 317-233-0425
  [SSeals@idem.IN.gov](mailto:SSeals@idem.IN.gov)