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Overview

Timeline
• Project start date: 1/1/10
• Project end date: 12/31/13
• Percent complete: 38%

Budget
• Total project funding
  • DOE share: $5,924,190
  • Recipient share: $10,075,175

Barriers
• Supply chain issues may delay deployment
• Minimally tested technology can cause fleet downtime
• Fleet downtime can cost money; lost revenue and repairs
Project Objectives

- Deploy 143 heavy duty hybrid trucks
- Reduce petroleum consumption and vehicle emissions
- Create and retain 68 jobs throughout the entire automotive supply chain related to DOE money
- Demonstrate the feasibility of this technology to accelerate its market penetration
Project Partners

Maryland Clean Cities
ARAMARK
Efficiency Enterprises
Nestle Waters North America
Sysco Corporation
United Parcel Service
## Project Milestones

<table>
<thead>
<tr>
<th>Project Milestone</th>
<th>Start Date</th>
<th>Completion</th>
<th>% Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA executes contract with DOE</td>
<td>Jan 2010</td>
<td>Feb 2010</td>
<td>100%</td>
</tr>
<tr>
<td>Fleet Partners execute contract with MEA that includes Federal provisions</td>
<td>Feb 2010</td>
<td>March 2010</td>
<td>100%</td>
</tr>
<tr>
<td>Fleet Partners issue purchase orders for heavy duty hybrid trucks</td>
<td>March 2010</td>
<td>Aug 2010</td>
<td>98%</td>
</tr>
<tr>
<td>DTNA delivers trucks to Fleet Partners or body vendor as applicable</td>
<td>April 2010</td>
<td>March 2011</td>
<td>37%</td>
</tr>
<tr>
<td>Fleet Partners receive training (with deployment of first unit to location)</td>
<td>April 2010</td>
<td>Sept 2010</td>
<td>0%</td>
</tr>
<tr>
<td>“Ribbon Cutting” outreach campaign announcing successful start up</td>
<td>May 2010</td>
<td>June 2010</td>
<td>100%</td>
</tr>
<tr>
<td>Reporting of deployment, spending, activity levels, project obstacles and solutions</td>
<td>April 2010</td>
<td>July 2010</td>
<td>40%</td>
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<tr>
<td>Final technical report at conclusion of two year implementation period</td>
<td>Jan 2012</td>
<td>Jan 2012</td>
<td>0%</td>
</tr>
<tr>
<td>Final activity report at conclusion of four year project period</td>
<td>Dec 2013</td>
<td>Dec 2013</td>
<td>0%</td>
</tr>
</tbody>
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Maryland Hybrid Truck Goods Movement Initiative
Technical Accomplishments and Project Progress

Sub-recipient Agreements signed
• 5 of 5 project partners

NEPA Documentation submitted:
• 100% of vehicle purchases

Vehicles delivered:
• 53 out of 143

Jobs:
• Goal: 186
• Fleets: 117
• DOE funds: 68
• Progress to date: 55.9557 of 68

Maryland Hybrid Truck Goods Movement Initiative
Future Activities

- Complete fleet order
- Receive and deploy vehicles
- Fleet Training
- Outreach campaign
- Data collection
This project facilitates the adoption and utilization of heavy duty hybrid trucks

- Vital for the stimulation of markets
- Creates/retains 68 direct jobs
- Reduces petroleum consumption by 134,000 gallons annually
- Highly visible success story for ARRA
- Reduces GHG emissions by 637,000 lbs. per year
Results Summary

- Data is from 4Q2010
  - Jobs Created/retained 55 direct jobs
  - Cumulative Miles Driven: 20,693
  - Average Miles per Gallon: 7.38
  - Diesel Gallons Saved: 958.75