

Mid-Atlantic Diesel Collaborative



www.dieselmidatlantic.org

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MARAMA

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Why a collaborative?

- 
- Even with more stringent standards, millions of in-use engines will continue to emit large amounts of pollution
 - Voluntary measures and incentives can yield important emissions reductions from in-use vehicles

What is the Mid-Atlantic Diesel Collaborative?

- Partnership between leaders from federal, state, and local government, the private sector, and environmental groups
 - District of Columbia
 - Delaware
 - Maryland
 - New Jersey
 - North Carolina
 - Pennsylvania
 - Virginia
 - West Virginia



Winners in Pennsylvania's Clean School Bus Art Contest

Mission and Purpose



- **Mission of the Mid-Atlantic Diesel Collaborative:**
 - Reduce diesel emissions to protect public health throughout the Mid-Atlantic Region.

Mission and **Purpose**

- **Purpose**

- Leverage resources and expertise to reduce diesel emissions to improve public health
- Promote collaboration and coordination among projects within the Region.
- Raise awareness of activities underway and the need for additional diesel emission reduction projects in the Region.



Partnership, Identity and Outreach

- The Mid-Atlantic Diesel Collaborative has
 - Formed working partnership between MARAMA and EPA Region III
 - Established bi-monthly coordination calls for Collaborative development
 - Developed mission, purpose, organizational structure

Low sulfur diesel comes on line

www.dieselmideatlantic.org



Mid-Atlantic
Diesel Collaborative
on the route to cleaner air

Partnership, Identity and Outreach



Structure – Two Groups

- Steering Committee
 - Includes representatives of federal, state and local government.
 - Provides administrative support and guidance toward the vision and goals of the Collaborative.
 - Bridges the gap between funding sources and the sector forums and works to identify and implement successful projects .

Partnership, Identity and Outreach



Structure – Two Groups

- Sector Forums
 - Identify and seek funding for potential diesel emission reduction projects and share information on emission reduction technologies and funding sources.
- Forums are currently forming for the following areas:
 - Freight
 - Ports and Marine
 - Public Fleets/ Urban Redevelopment
 - School Bus

Partnership, Identity and Outreach



Partnership at Work in the Region

- **The Philadelphia Diesel Difference**
 - a coalition of diverse partners with a mutual interest in reducing air pollution from diesel engines in the greater Philadelphia area through voluntary programs and the use of innovative strategies including market-based approaches.
- The Cities of Richmond and Hopewell are working with the Virginia Department of Environmental Quality to retrofit a total of 197 school buses with diesel oxidation catalysts.

What's it Mean to be a Diesel Collaborative Partner?



- For Now
 - Participation in the Collaborative is open to the public. There is no formal membership, but rather a collaboration of partners who are interested in reducing emissions from diesel sources in the Mid-Atlantic.
- In the Future
 - Exploring options and would like feedback
 - Want to be able to highlight activities
 - Want to give credit for initiatives and projects

Partnership, Identity and Outreach

Home Page Page 1 of 2

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About Sector Workgroups coming soon Mid-Atlantic Diesel Projects coming soon Related Programs coming soon

Anti-Idling Clean Fleets Retrofitting
Having Mid-Atlantic Diesel Collaborative Website

Call for Participation

Please contact Susan Stephenson about any of the participation opportunities listed below.

Workgroups -- We are currently building sector workgroups to better address diesel emissions in the Mid-Atlantic States and to focus and leverage regional resources. Please let us know if you'd like to join a workgroup, or if you would like more information about workgroup activities.

Partners -- We are looking to build a Collaborative that truly represents the Region. So we need participants from all types of groups across the Region. Please let us know if you'd like to be added to our database, what your specific area of interest is, and how you'd like to participate.

Partner's Meeting -- We have a meeting planned for early next year to kick off the Collaborative. Check back for more information, or let us know if you'd like to attend the meeting or possibly speak about your work to combat

Building the Collaborative

Fall 2005: The Mid-Atlantic Regional Air Management Association (MARAMA) and U.S. EPA Region III are proud to announce the establishment of the Mid-Atlantic Diesel Collaborative, a new regional effort to reduce diesel related emissions.

The Collaborative is in the development stage and we invite you to join us as we finalize its structure and goals.

This website is a first step in getting the word out about the Collaborative, inviting partners to join us, and establishing the Collaborative's identity.

Over the next month we plan to add to the site and customize the information for the Mid-Atlantic Region. Please check back regularly for newly updated information.

We are excited about the Collaborative and look forward to working with the many dedicated and talented interests in the Region.

UPCOMING CONFERENCE

December 7 & 8
National Policy Leaders Summit

Mark your calendars for a high-level policy leaders summit hosted by EPA to be held in Washington, DC, at the Marriott Woodley Park.

Is the News... In The News...

National Clean Diesel Campaign Funding Opportunities

Download Collaborative Brochure

October Special Events

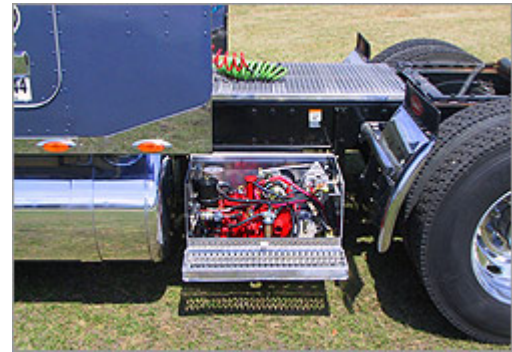
| Clean School Bus Month | Children's Health Month |
|--|--|
| Clean School Bus USA: The Clean School Bus USA grant competition for \$7.5 million closed July 22nd. EPA received 167 eligible applications from school districts in 36 states across the country requesting \$50 million in funding and offering an additional \$37 million in matching funds. | Each October, EPA celebrates Children's Health Month by participating in events and activities that highlight the importance of protecting children from environmental risks. The theme for 2005 is "Promoting Healthy School Environments." |
| | Visit EPA's Healthy School Environment Resources Web page for information and links to school-related environmental health issues and to learn |

http://www.dieselmiddatlantic.org/diesel/index.htm 10/19/2005

- Developed name, logo and tagline
- Developed and launched website
 - www.dieselmiddatlantic.org
- Developed "about" brochure

Partnership, Identity and **Outreach**

- Received regional diesel grant “Mid-Atlantic Regional Anti-Idling Initiative”
 - Build regional capacity to reach small trucker owner/operators
 - Worked with five states and DC to write the grant
 - Spearheaded by the Small Business Assistance Programs



Auxiliary power units (APUs) are, truck-mounted systems that can provide climate control and power for trucks without idling.

Action by Sector -- **Freight**

289 Vehicles Retrofitted

- **Truck Stop Electrification**
 - Carlisle, PA; Jessup, MD; East Baltimore, MD
 - Additional sites under consideration
- **Auxiliary Power Unit Deployment**
 - Pennsylvania and Collaborative each have programs to offset cost of APUs.
- **Coca-Cola, Harrisburg, PA**
 - Retrofitted 26 Trucks

Action by Sector – **Ports/Marine**



Two Major Port Initiatives and Clean Port Workshop

Philadelphia Port Initiative

- Study evaluated the health and economic impact associated with diesel particulate matter in the five county Philadelphia metropolitan area.
- This study revealed that the Port of Philadelphia is a major source of diesel particulate matter, with significant health impacts for city residents.
- Philadelphia and EPA Region 3 pledge to form workgroup to tackle environmental concerns at the Port of Philadelphia - the beginning of a collaborative stakeholder group.

Action by Sector – Ports/Marine

Baltimore Port

- Has been meeting with MDE and EPA to discuss potential emission reduction projects such as:
 1. Repowering tug boats or retrofitting with Diesel Oxidation Catalysts,
 2. Educating trucking firms on the benefits of idle reduction and
 3. Use of ITS to better inform truckers of highway and gate congestion
- Is in the process of developing an Environmental Management System for its facilities as part of an educational assistance program through the American Association of Port Authorities (AAPA) and in conjunction with the EPA and MDOT.
- Voluntarily electrified 7 large Gantry Cranes that previously burned diesel fuel at the Seagirt Terminal.

Action by Sector –

Public Fleets/Urban Redevelopment



Retrofits: Over 1,100 vehicles in six jurisdictions

- **Fairfax, Virginia** - \$75,000 to retrofit the County's solid waste collection vehicles (18 rear packers and 3 front loaders) and solid waste tractors (49 Class 8 semi-tractors) with diesel oxidation catalyst.
- In addition, 34 retrofits on other heavy duty diesel trucks of various types will be completed.
- **Baltimore, Maryland** - \$75,000 to the Baltimore Fire Department to retrofit 37 Fire Trucks and 26 ambulances with diesel oxidation catalyst and crankcase filters.

Action by Sector – **School Bus**

Over 1,500 School Buses Reduce Diesel Emissions

- Types of Reduction Technology
 - Diesel Oxidation Catalysts
 - Early Adoption of Ultra Low Sulfur Fuels
 - Various types of Reflash – EPM, ECM
- 5 States
 - Delaware
 - Maryland
 - Pennsylvania
 - Virginia
 - West Virginia

Action -- **Legislative and Regulatory**



Regulations in 7 Jurisdictions

- **Anti-Idling Regulations**
 - Philadelphia (all diesel vehicles, enhanced enforcement through its traffic code)
 - Pittsburgh (school bus idling and all diesel on-road HHDV idling)
 - Delaware, District of Columbia and Maryland
- **In Development**
 - West Virginia Department of Education and WV Dept. Environmental Protection are collaborating to develop anti-idling policies for all school buses in WV.
 - Pennsylvania Statewide anti-idling campaign for school buses being spearheaded by the Clean Air Council (CAC).

Future Activities



- Enhance and use website
 - Raise awareness of the need for diesel emissions reductions projects
 - Recognize voluntary projects and strategies in the Mid-Atlantic Region
 - Share information about funding opportunities
 - Build participation in the Collaborative

Future Activities cont.



- Provide opportunities for diverse stakeholders to share information on clean diesel technologies
- Organize regional projects to achieve measurable emissions reductions and create momentum for further reductions
 - Work with partners to seek funding

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Reduced Diesel Emissions...

Cleaner Air



A Healthier Environment

