Update on EPA’s Ports Initiative

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U.S. EPA - Office of Transportation & Air Quality

AAPA Environment Committee Meeting
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Vision for the Ports Initiative

People living and working near ports across the country will breathe cleaner air and live better lives as a result of bold steps taken through a collaboration of industry, government, and communities to improve environmental performance and increase economic prosperity.
## Ports Initiative Workgroup

<table>
<thead>
<tr>
<th>Ports:</th>
<th>Maryland, Charleston, Long Beach, New Orleans, Virginia</th>
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</thead>
<tbody>
<tr>
<td>Terminals:</td>
<td>Ports America</td>
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<tr>
<td>Shippers:</td>
<td>Cargill, Walmart, HP</td>
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<tr>
<td>Equipment:</td>
<td>Caterpillar, Manufacturers of Emission Controls Association</td>
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<tr>
<td>Marine:</td>
<td>Maersk Line</td>
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<td>Rail:</td>
<td>Burlington Northern Santa Fe</td>
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<td>Trucking:</td>
<td>Evans Delivery</td>
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<tr>
<td>Port Community Advocates:</td>
<td>East Yard Communities for Environmental Justice, Southeast CARE Coalition, Steps Coalition</td>
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<td>Tribes:</td>
<td>Fond du Lac Air Program</td>
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<tr>
<td>NGOs:</td>
<td>Environmental Defense Fund, Natural Resources Defense Council</td>
</tr>
<tr>
<td>Research/analysis:</td>
<td>International Council on Clean Transportation</td>
</tr>
<tr>
<td>Government:</td>
<td>New Jersey DEP, South Carolina DHEC, MARAD, CMTS</td>
</tr>
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<td>Non-voting:</td>
<td>American Association of Port Authorities, StarCrest (B. Anderson)</td>
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<td>EPA support:</td>
<td>Office of Transportation Air Quality, Office of Environmental Justice, Office of Water, Region 1, Region 2, Region 6, Region 9</td>
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Full list of individual members available at [www.epa.gov/CAAAC](http://www.epa.gov/CAAAC)
Recommendations from Workgroup (September 2016)

Overarching recommendation: provide funding, technical resources, and expertise to enable and encourage environmental improvements.

Focal Areas
- Increasing and Targeting Funding
- Community-Port Engagement
- Guidance on Inventories and Metrics
- Guidance on Emission Reduction Strategies
- Coordinating Relevant Government Programs
- Information Clearinghouse and Communications

www.epa.gov/CAAAC
Ports Initiative Elements

- **Funding**
  Helping Ports Capitalize on Funding for Clean Technologies

- **Technical Resources**
  Providing Tools to Help Identify Smart Infrastructure Investments

- **Collaboration**
  Promoting Port-Community Collaboration for Effective Planning

- **Coordination**
  Increasing Efficiency in Federal Government and Port Operations

- **Communications**
  Creating a Knowledge Clearinghouse
Funding

**Diesel Emissions Reduction Act (DERA) Grant Funds Awarded to Port Projects**

- $123 million in grants awarded to port projects
- Another $55 million in grants awarded to multi-sector projects that involve ports
  - Not included in chart
- See [www.epa.gov/clean diesel](http://www.epa.gov/clean diesel)
Technical Resources

EPA-Port Everglades Partnership

• EPA and Port Everglades are working together to develop:
  ✓ Activity-based baseline emissions inventory
  – Emission reduction scenarios and inventories for future analysis years
  – Methods, lessons learned, and practical examples that EPA can share with other ports, related agencies, and stakeholders to support and encourage sustainable development.

• Target for completion: Early 2018

2015 Baseline Air Emissions Inventory is available at: www.porteverglades.net/environment/air-quality/air-emissions-inventory

Also see: www.epa.gov/ports-initiative/epa-partnership-agreement-broward-countys-port-everglades
Technical Resources
National Port Strategy Assessment

• National Port Strategy Assessment: Reducing Air Pollution and Greenhouse Gases at U.S. Ports

• Released September 22, 2016

• Available at: [www.epa.gov/ports-initiative/national-port-strategy-assessment](http://www.epa.gov/ports-initiative/national-port-strategy-assessment)
Technical Resources

Shore Power Assessment

• Characterizes shore power systems at U.S. ports
• Includes a new methodology for calculating emission reduction of shore power systems
• Released April 4, 2017
• Available at: www.epa.gov/ports-initiative/shore-power-technology-assessment-us-ports
Technical Resources

Other Activities

- Plan to develop fact sheets on promising operational strategies.
- Regional office support of inventory development.
- Regional office workshops and webinars to share technical resources.
Collaboration

Promoting Port-Community Collaboration for Effective Planning

- EPA convening dialogues with local partners, delivering technical assistance, and piloting draft tools
  - Initial pilots: Savannah, GA; New Orleans, LA; and Seattle, WA
Coordination

*Increasing Efficiency in Federal and Port Operations*
Communications
Creating a Knowledge Clearinghouse

EPA’s Ports Initiative website, including newsletter sign-up:
www.epa.gov/ports-initiative
Keep in touch:

talkaboutports@epa.gov

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Port Locations in EPA Regions