



Update on EPA's Ports Initiative

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

AAPA Environment Committee Meeting
November 14, 2017



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.

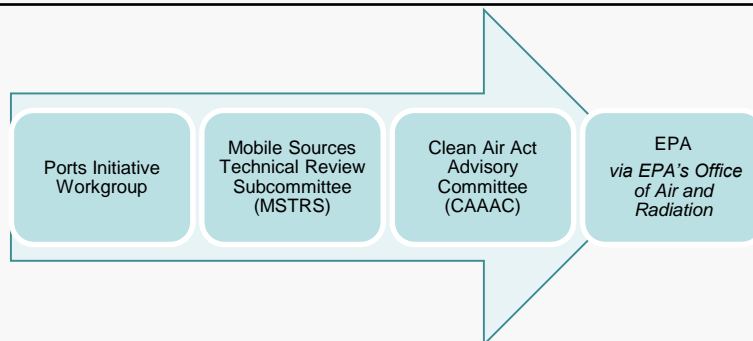




Ports Initiative Workgroup

Ports:	Maryland, Charleston, Long Beach, New Orleans, Virginia
Terminals:	Ports America
Shippers:	Cargill, Walmart, HP
Equipment:	Caterpillar, Manufacturers of Emission Controls Association
Marine:	Maersk Line
Rail:	Burlington Northern Santa Fe
Trucking:	Evans Delivery
Port Community Advocates:	East Yard Communities for Environmental Justice, Southeast CARE Coalition, Steps Coalition
Tribes:	Fond du Lac Air Program
NGOs:	Environmental Defense Fund, Natural Resources Defense Council
Research/analysis:	International Council on Clean Transportation
Government:	New Jersey DEP, South Carolina DHEC, MARAD, CMTS
Non-voting:	American Association of Port Authorities, StarCrest (B. Anderson)
EPA support:	Office of Transportation Air Quality , Office of Environmental Justice, Office of Water, Region 1, Region 2, Region 6, Region 9

Full list of individual members available at www.epa.gov/caaac



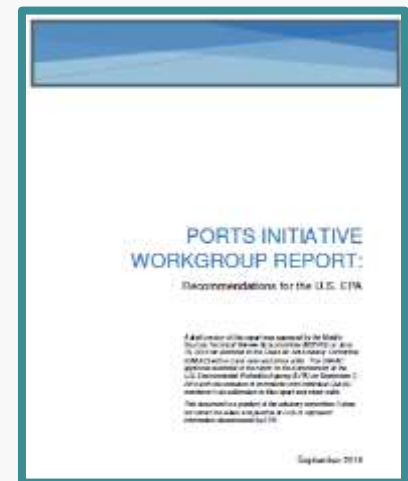


Recommendations from Workgroup (September 2016)

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

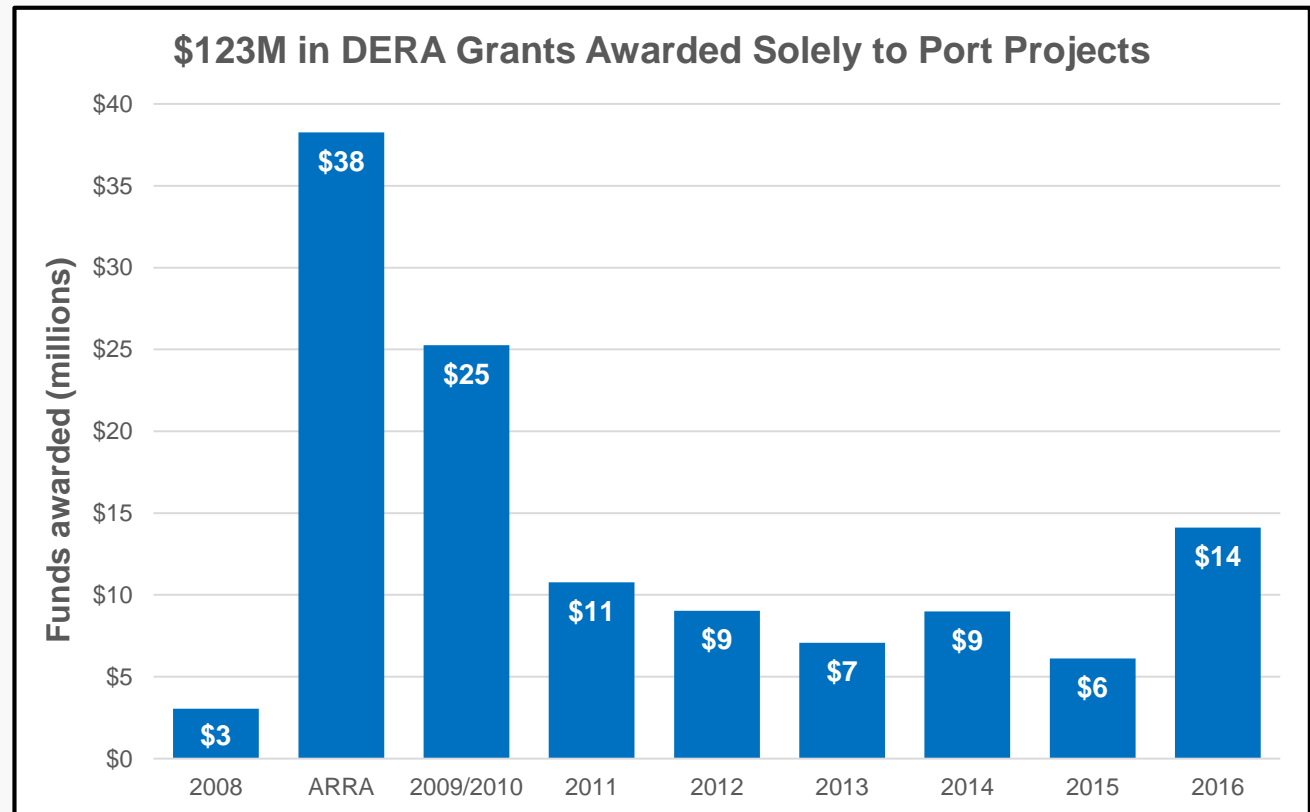
Creating a Knowledge Clearinghouse



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





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

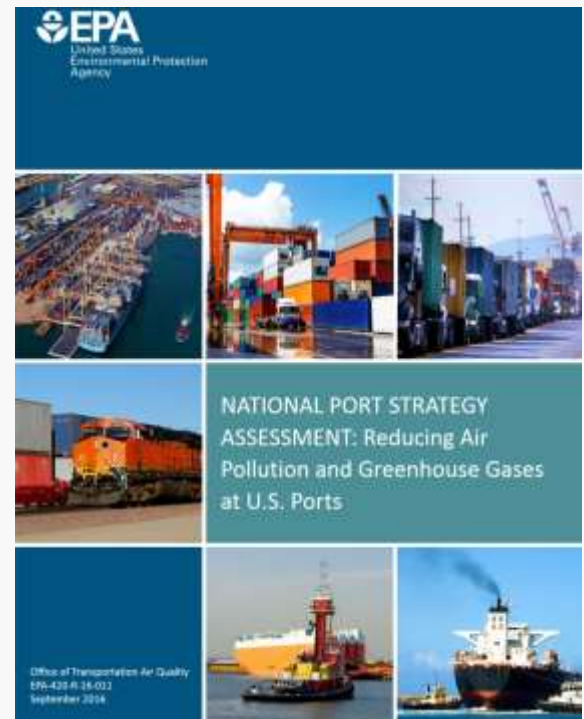
Also see: www.epa.gov/ports-initiative/epa-partnership-agreement-broward-countys-port-everglades 7



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





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.

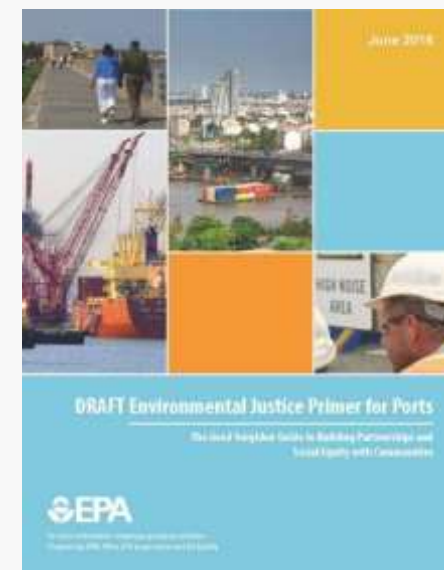
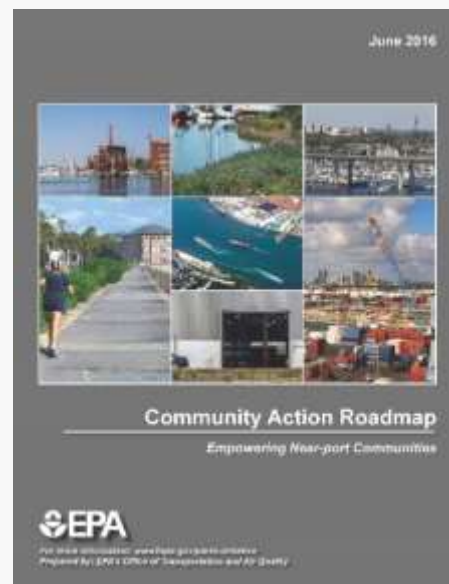


Philadelphia, PA
October 24, 2017



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
 - See www.epa.gov/ports-initiative/pilot-projects-port-and-near-port-community-collaboration



Coordination

Increasing Efficiency in Federal and Port Operations



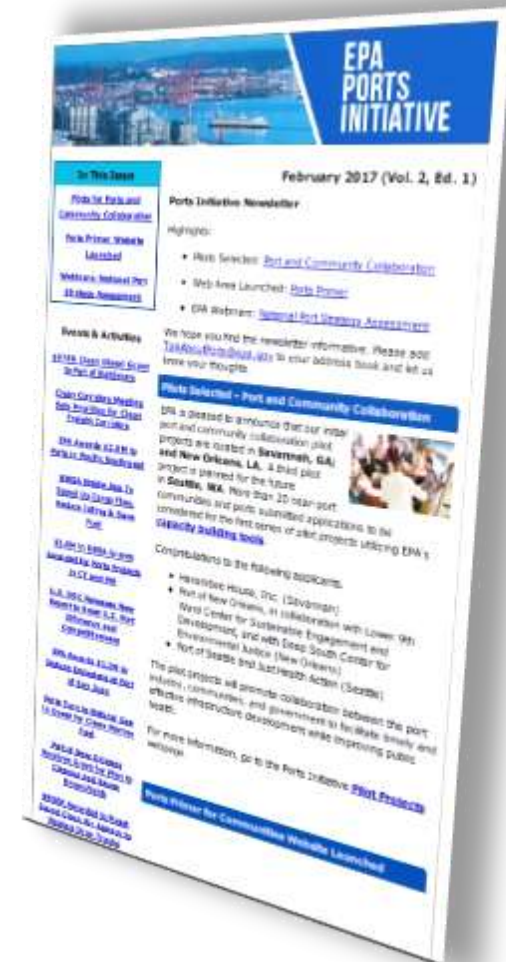


Communications

Creating a Knowledge Clearinghouse

EPA's Ports Initiative website,
including newsletter sign-up:

www.epa.gov/ports-initiative





Keep in touch:

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Port Locations in EPA Regions

