Update on EPA’s Ports Initiative

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MARAMA Ports Partnership Webinar
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Promoting clean air best practices at ports

Through EPA tools and assistance in the five program areas, we aim to accelerate adoption of:

- **Cleaner technologies and other strategies**
- **Clean air planning practices** (emissions inventories, clean air plans, community engagement) that inform strategic clean air investments
External Stakeholders

- Port industry
- Local/state/federal agencies

- Community groups
- Environmental NGOs
- And more!

EPA Regional Offices (R1 – R10)
Office of Transportation and Air Quality (OTAQ)
Office of Environmental Justice

Funding
Technical Resources
Collaboration
Coordination
Communications
Helping ports capitalize on funding for clean technologies

• DERA
  • Priority for port and other goods movement projects.
  • Extra points for inventories, clean air plans, community engagement.
    • DOT funding programs now include similar criteria

• EPA Regional staff helping to make connections to other funding sources.

• Searchable table of local, state, federal, and other funding opportunities on our website:
  www.epa.gov/ports-initiative/funding-opportunities-ports-and-near-port-communities
Providing tools to help identify smart infrastructure investments

**National Port Strategy Assessment: Reducing Air Pollution and Greenhouse Gases at U.S. Ports**
September 2016

**Shore Power Technology Assessment at U.S. Ports***
April 2017
www.epa.gov/ports-initiative/shore-power-technology-assessment-us-ports

*Update planned for later this year

**EPA, Port Everglades Report Shines Light on New Methods for Analyzing Potential Air Pollution Reductions**
June 2018

**Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions**
September 2020
New: Port Operational Strategy Fact Sheets

- Port Gate Management Strategies
- Management Information Systems
- Marine Vessel Speed Reduction
- Virtual Vessel Arrival Systems

https://www.epa.gov/ports-initiative/technical-resources-ports#operational
Promoting community-port collaboration for effective planning

- Tools and training:
  - *Ports Primer for Communities*
  - *Community Action Roadmap*
  - *EJ Primer for Ports*, including Good Neighbor Roadmap

- Case studies on pilot projects in Providence (R1), Savannah (R4), New Orleans (R6), Seattle (R10)

- Regional staff convening stakeholders, supporting use of above EPA resources at ports and railyards across the country.

- **New**: FY21 EJ Small Grants RFA emphasis on Ports Initiative projects
Ports Initiative Emphasis for FY21
EPA Environmental Justice Small Grants

• EJ Small Grants Program
  *FY21 RFA closed June 1 – awards to be announced next month*
  • Funding for projects to engage, educate, empower communities with environmental justice concerns
  • Non-profit and tribal organizations that work directly in local community and U.S. territories are eligible.
  • $75k 1-year projects focused on initial steps of understanding and addressing local environmental issues

• Ports Initiative projects
  • Special focus this year on projects in up to six Regions to help prepare community groups for collaborative efforts with coastal and inland port and railyard operators to address diesel emissions
  • Demonstrated use of Ports Initiative [Community Action Roadmap](http://www.epa.gov/community-port-collaboration/2021-environmental-justice-small-grants-opportunity-communities-living) is strongly encouraged (Steps 1-3):
    • prioritizing goals and concerns
    • identifying levers of change
    • identifying influencers and other stakeholders with whom to build relations
Creating a Knowledge Clearinghouse

Headquarters and Regions developing web resources, hosting public events, and engaging stakeholders to promote clean air projects.

Examples:

- Updated website, enhancements ongoing – **new resources highlighted on following slides.**
- Real-world examples/snapshots.
- Regular e-newsletters.

[w]ww.epa.gov/ports-initiative
Best Practices Web Area Update

• Best clean air practices generally and for each mobile source sector:
  • Port-wide planning
    • Linking to interactive map
  • Drayage Trucks
  • Rail Facilities
  • Ocean Going Vessels
  • Coming soon:
    • Cargo Handling Equipment
    • Harbor Craft

• Information:
  • Overview of practice
  • Technical resources
  • Tips on performance targets and data collection
  • Real world examples
Interactive Map Highlighting Clean Air Practices at Ports

This EPA Ports Initiative tool brings together real-world examples of emissions reduction activities as well as key practices highlighted in the Best Port Wide Planning Practices to Improve Air Quality webpage. These data were gathered from a review of public websites and EPA's Diesel Emissions Reduction Act (DERA) grant funding for the ports featured in the Bureau of Transportation Statistics' Port Performance Freight Statistics: Annual Report to Congress from 2018 and 2019. To see examples of where each practice is in place, select a button below the map. To learn details about a specific port's practices, select a port on the map and then click on the "Go to Port Profile" button.

Questions or comments? Contact us at portsupport@epa.gov

www.epa.gov/ports-initiative/best-port-wide-planning-practices-improve-air-quality
Case Study of San Pedro Bay Ports
Clean Air Action Plan (CAAP)

• Highlighting aspects of the Ports of Los Angeles and Long Beach plan that can inform other port authorities and near-port communities across the country.

• Includes summary of 2006-2018 CAAP’s background and history, and three focused discussions:
  • Environmental justice and levers of community influence
  • Technologies and practices for development and deployment
  • The 2017 Clean Truck Program

Stay tuned!

- Case studies coming soon:
  - Marine vessel repower offsets for Army Corps NY/NJ harbor deepening project
  - Ports of Seattle practices to operationalize environmental justice
Federal Government Justice40 Initiative

• Executive Order 14008 created government-wide Justice40 Initiative with goal of delivering 40% of overall benefits from federal investments in climate and clean energy to disadvantaged communities.

• Interim Guidance directs federal agencies to:
  • Develop a plan to engage with communities and other stakeholders
  • Identify benefits of programs
  • Propose methods to calculate and report on reaching 40-percent goal

• DERA/Ports Initiative is one of six pilot programs at EPA.

• Additional background and link to Interim Guidance:
  https://www.whitehouse.gov/omb/briefing-room/2021/07/20/the-path-to-achieving-justice40/
Justice40 – We Want Your Input!

• EPA is seeking input on ways we can maximize benefits from the **DERA and Ports Initiative programs** in disadvantaged communities, including:
  
  • How should EPA determine benefits to a particular community for mobile source projects when vehicles travel between communities?
  
  • Are disadvantaged communities aware of DERA funding and its potential to help communities, and if not, how can EPA reach more communities and support them in partnering with eligible DERA applicants?
  
  • Are there additional ways EPA can help encourage meaningful community engagement and diesel emissions reductions in disadvantaged communities – both as part of DERA projects, and beyond the life of DERA projects (e.g. additional outreach, technical assistance, training, or other information resources)?
  
• EPA National EJ Community Stakeholder Call – **October 12 from 2 to 4 p.m. ET** – planned focus on Justice40 and DERA/Ports Initiative, among other topics.
  
Keep in touch

EPA’s Ports Initiative website and newsletter sign-up: www.epa.gov/ports-initiative

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