

# EPA Community-Port Collaboration Resources to Address Diesel Pollution

*Webinar  
April 9, 2021*



### Funding

Helping Ports Capitalize on Funding for Clean Technologies

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### Technical Resources

Providing Tools to Help Identify Smart Infrastructure Investments

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### Collaboration

Promoting Port Community Collaboration for Effective Planning

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### Coordination

Increasing Efficiency in Federal Government and Port Operations

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### Communications

Creating a Knowledge Clearinghouse

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# Accessing Spanish Interpretation for Today's Webinar / *Para acceder a la presentación en español*

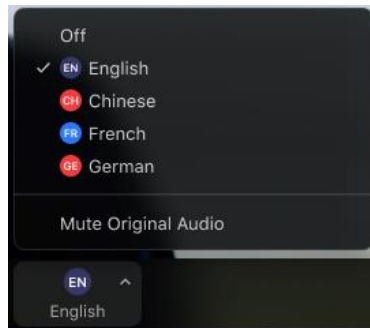
- Eberá descargar la aplicación “Zoom” y unirse al seminario web usando la aplicación (y no la versión en línea).
- Debe usar el audio de su computadora o su teléfono inteligente (no seleccione las opciones 'marcar' o 'llamarme' en su teléfono móvil).

## Computer Instructions

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2. Click **Spanish** option.

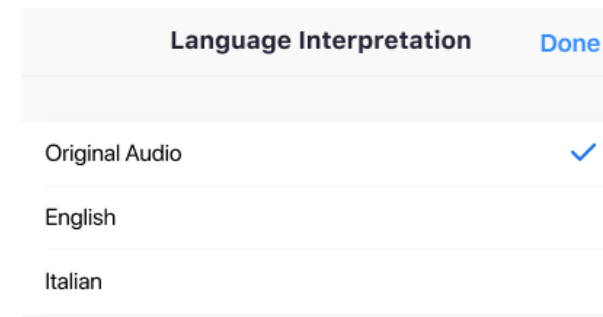


3. (Optional) To hear Spanish-only, click **Mute Original Audio**.

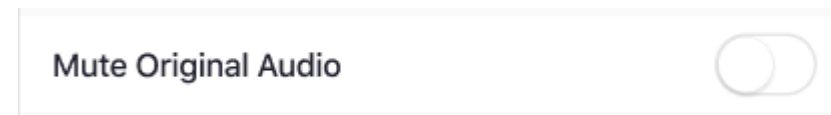
## Smartphone Instructions

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2. Tap **Language Interpretation**. Click **Spanish** option.



3. (Optional) Tap the toggle to **Mute Original Audio**.



4. Click **Done**.

# Other Logistics for Today's Webinar

- Attendees will be muted during the presentation
- Questions
  - **Anytime during webinar:** send questions to “Host” via chat box.
  - **Q/A at the end of presentation:** “raise your hand” if you would like to offer a question verbally.
  - **After the webinar:** email [talkaboutports@epa.gov](mailto:talkaboutports@epa.gov)
- Note:
  - Slides will be posted on website
  - Webinar will be recorded

# Agenda

- **Welcoming Remarks**
  - Joe Goffman and Alejandra Núñez, Office of Air and Radiation
- **EPA's Ports Initiative**
  - Sarah Froman, Office of Transportation and Air Quality
- **Community-Port Collaboration Resources**
  - Rob Schweinfurth, Office of Transportation and Air Quality
- **EJ Small Grants Opportunity**
  - Stan Buzzelle, Office of Environmental Justice
- **Real-world Examples of Community-Port Collaboration**
  - San Pedro Bay – Francisco Dóñez, Region 9
  - Savannah – Alan Powell, Region 4
  - Seattle – Karl Pepple, Region 10
- **Question & Answers**

# Welcoming Remarks

**Joe Goffman**, Acting Assistant Administrator  
and

**Alejandra Núñez**, Deputy Assistant Administrator for Mobile Sources

**EPA's Office of Air and Radiation**

# Diesel emissions and near-port communities

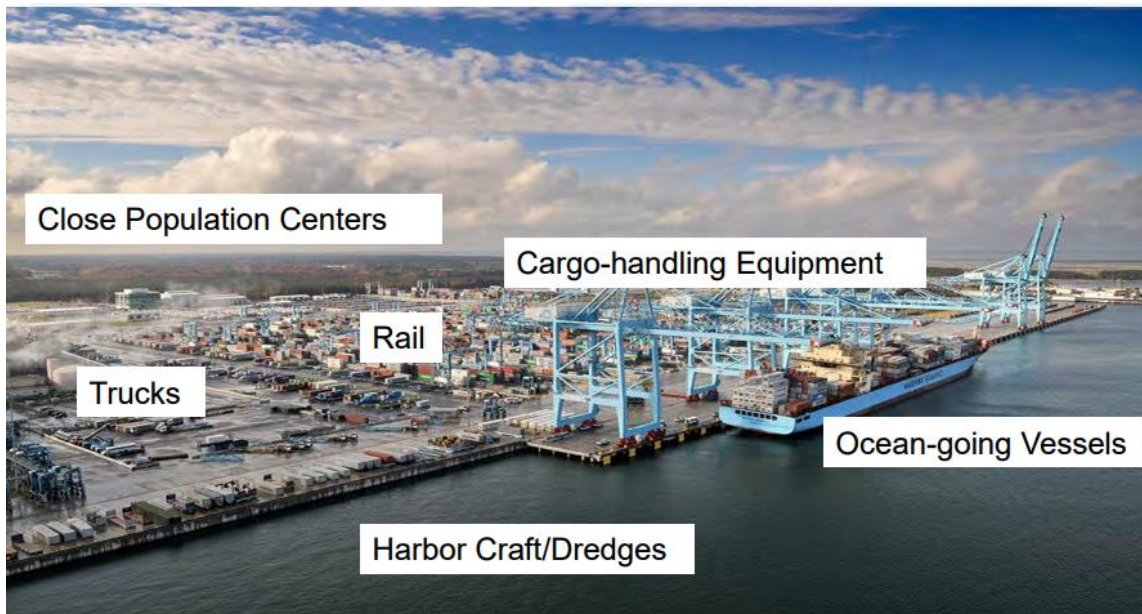


Photo source: Susan Monteverde, AAPA presentation on 9/24/13 EPA Webinar: "A National Conversation on the State of US Ports"



Photo source: Angelo Logan, East Yards Communities for Environmental Justice presentation on 1/14/14 EPA webinar: "A National Conversation on the State of US Ports"

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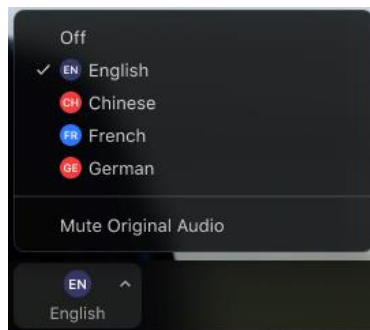
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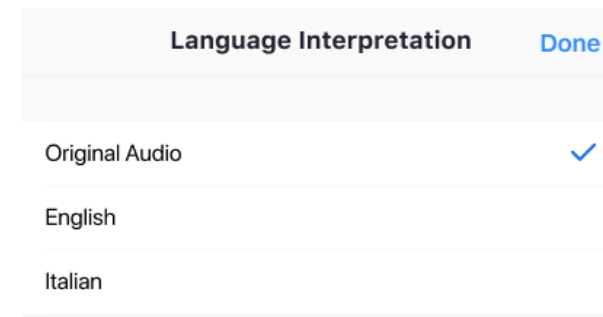


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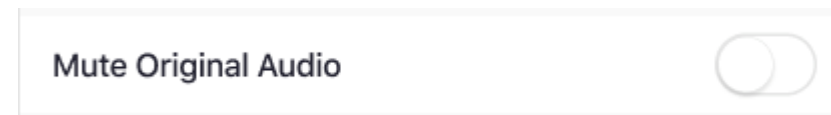
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4. Click **Done**.

# **EPA Ports Initiative**

**Sarah Froman, EPA Office of Transportation and Air Quality**



# Promoting clean air best practices at ports

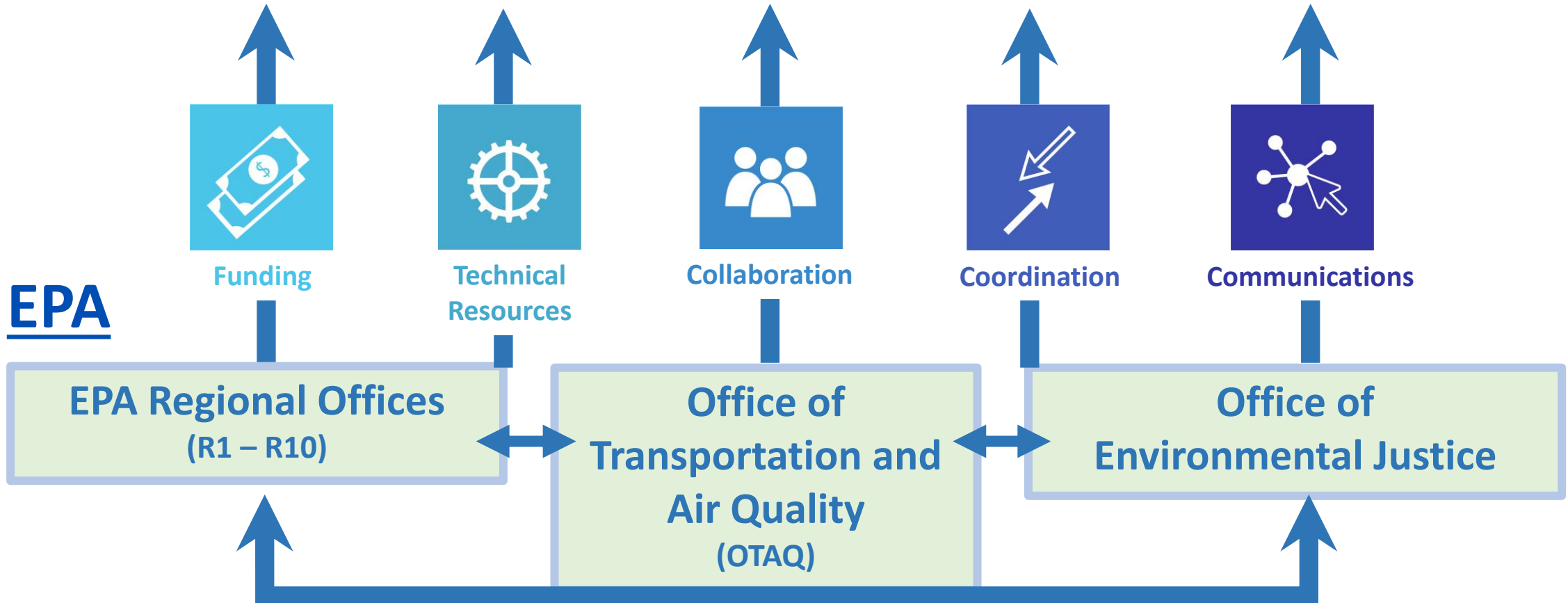


Through EPA tools and assistance in the five program areas, we aim to accelerate adoption of:

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

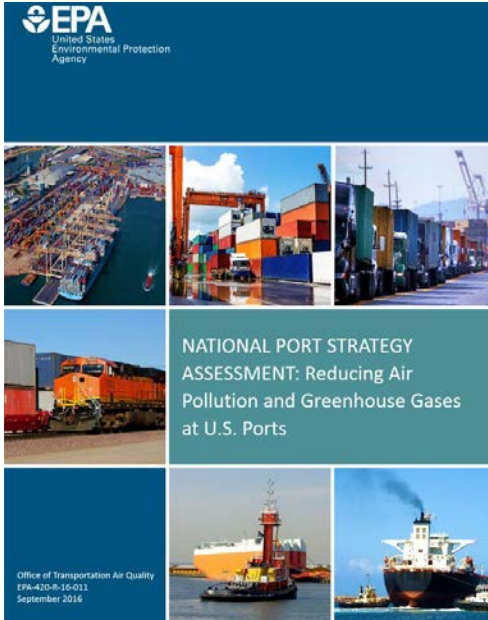
# External Stakeholders

- Port industry
- Local/state/federal agencies
- Community groups
- Environmental NGOs
- And more!

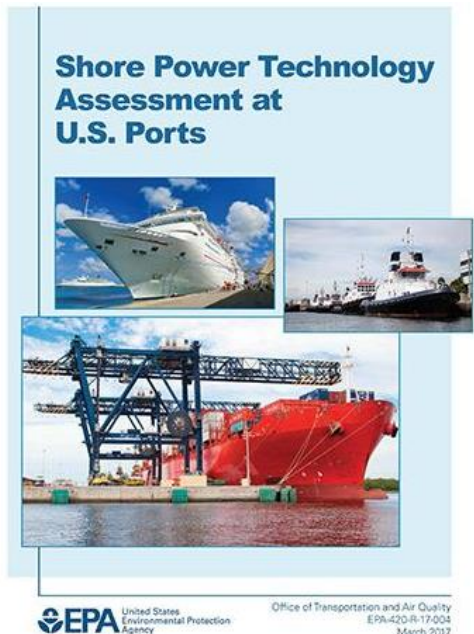




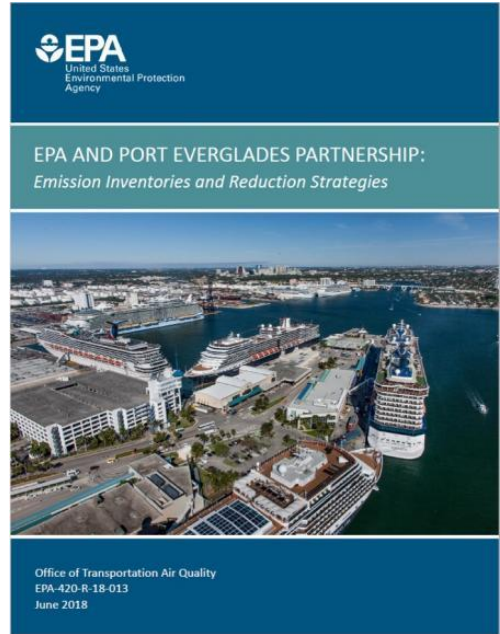
# Providing tools to help identify smart infrastructure investments



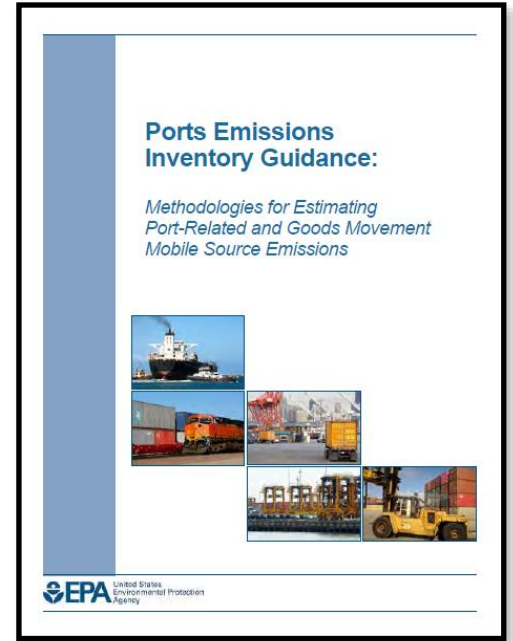
**National Port Strategy Assessment: Reducing Air Pollution and Greenhouse Gases at U.S. Ports**  
September 2016  
<https://www.epa.gov/ports-initiative/national-port-strategy-assessment-reducing-air-pollution-and-greenhouse-gases-us>



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



**EPA, Port Everglades Report Shines Light on New Methods for Analyzing Potential Air Pollution Reductions**  
June 2018  
<https://www.epa.gov/ports-initiative/epa-and-port-everglades-partnership-emission-inventories-and-reduction-strategies>



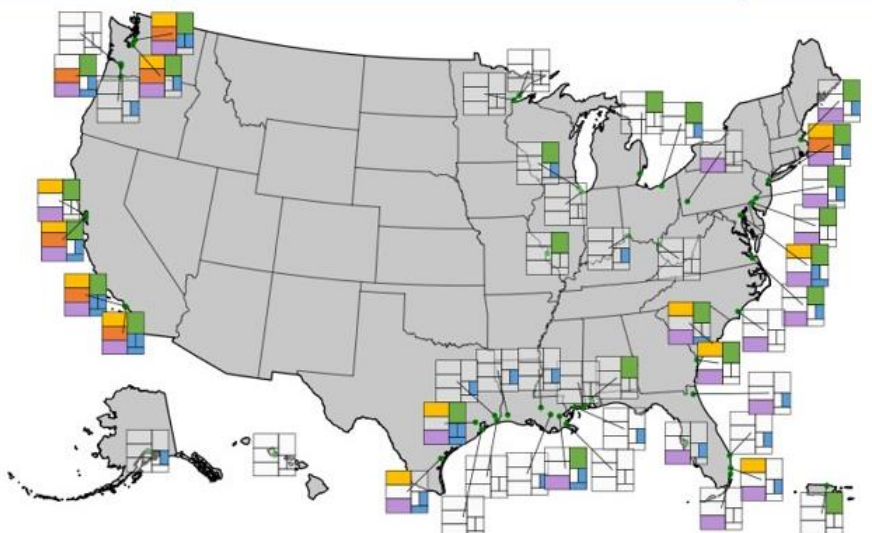
**Port Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions, September 2020**  
<https://www.epa.gov/ports-initiative/port-and-goods-movement-emission-inventories>

# New: interactive map highlighting clean air practices at ports

## 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 49 ports featured in the [Bureau of Transportation Statistics' Port Performance Freight Statistics in 2018: Annual Report to Congress](#). 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 [talkaboutports@epa.gov](mailto:talkaboutports@epa.gov).

Navigation tabs: About | **National Map** | Summary Table



Buttons on the right side of the map:

- Go to Port Profile
- Export Summary
- Export Full Dataset
- Clear Selections

Legend for map overlays:

- Emissions Inventory
- Emissions Reduction Target
- Emissions Reduction Activity
- DERA-Funded Project\*
- Community Engagement Policy
- Forum for Public Comments
- Point of Contact for Community

Community Engagement

<https://www.epa.gov/ports-initiative/best-port-wide-planning-practices-improve-air-quality>

# Community-Port Collaboration Resources

Rob Schweinfurth, EPA Office of Transportation and Air Quality

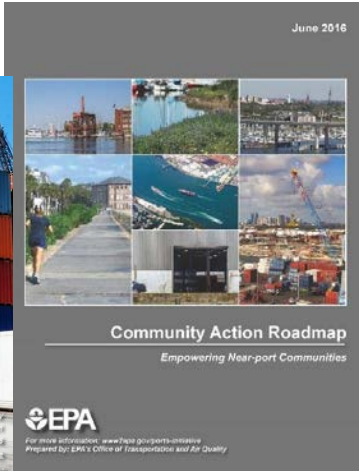
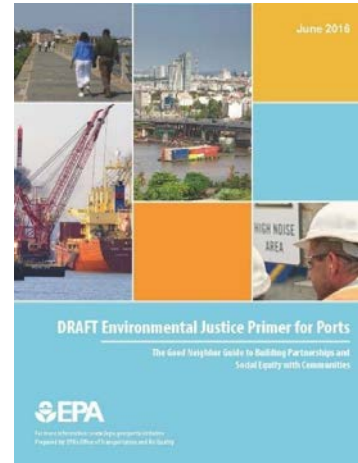
# Promoting community-port collaboration for effective planning

[www.epa.gov/community-port-collaboration](http://www.epa.gov/community-port-collaboration)



## Collaboration

- Community-Port Collaboration Toolkit
  - Ports Primer for Communities
  - Community Action Roadmap
  - EJ Primer for Ports
- Training Modules & Additional Resources
  - Toolkit Training
  - Lessons Learned from Pilot Projects
  - Community Benefits Agreements
  - Community Resource Publications
- Pilot Projects
  - New Orleans, Savannah, Seattle
  - Case Studies – Real-World Examples



*Port of Savannah Tour*



*Collaboration Training*



## Toolkit: Ports Primer for Communities

- Interactive reference document focused on seaports (content can apply to inland ports, airports and intermodal facilities)
- Topics include:
  - The Role of Ports
  - How Ports Work
  - Port-Community Relations
  - Ports impacts on land use and transportation
  - Ports impacts on the economy
  - Environmental Impacts of ports
- Ports Primer Training Module





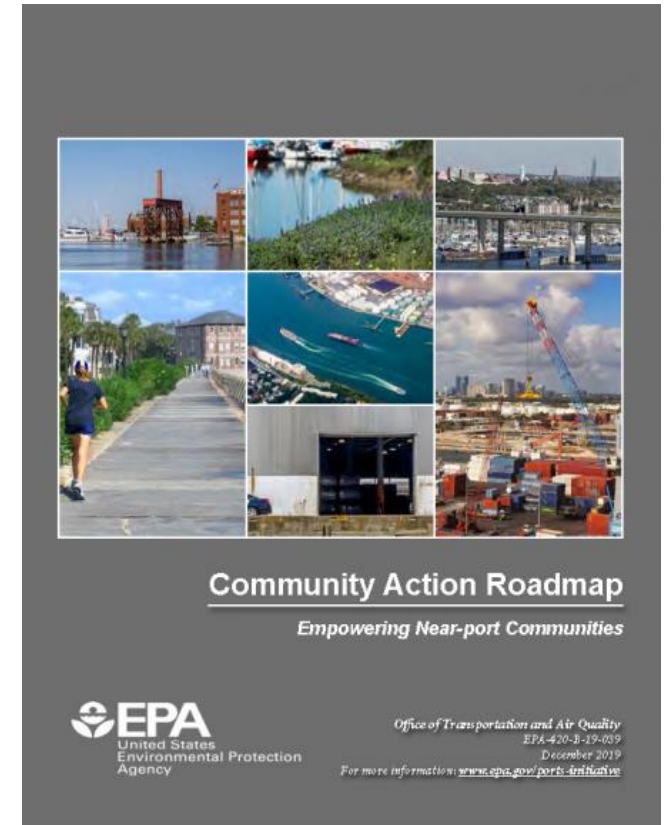
## Toolkit: Community Action Roadmap

- Step-by-step process for building community capacity to effectively engage in port decisions.

- Steps Are:

- Prioritizing goals and concerns
- Identifying levers for change
- Building relationships
- Developing an action plan
- Making an action plan
- Building momentum for change

- Training Module for Community Action Roadmap



[www.epa.gov/community-port-collaboration/community-port-collaboration-toolkit](http://www.epa.gov/community-port-collaboration/community-port-collaboration-toolkit)

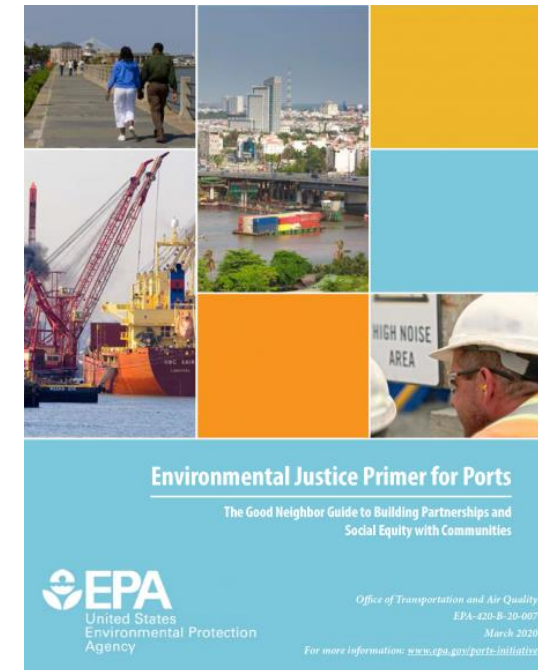


# Toolkit: Environmental Justice (EJ) Primer for Ports



Collaboration

- Informs the port operators of the perspectives, priorities, and challenges often unique to communities with EJ concerns
- Step-by-step Good Neighbor Roadmap Process:
  - Assess your Community Engagement Approach
  - Build Relationships
  - Identify Community Concerns and Goals
  - Identify Levers for Change
  - Develop a Good Neighbor Strategic Plan
  - Measure and Sustain Progress
- Training Module: EJ Primer for Ports



[www.epa.gov/community-port-collaboration/community-port-collaboration-toolkit](https://www.epa.gov/community-port-collaboration/community-port-collaboration-toolkit)

# Case Studies: Real-World Examples



Collaboration

- Pilot Projects – Savannah, Seattle, New Orleans and Providence



Case Study: Savannah Pilot



Case Study: Seattle Pilot



Case Study: New Orleans Pilot



Case Study on Providence  
Pilot – coming soon!

[www.epa.gov/community-port-collaboration/community-port-collaboration-pilot-projects](http://www.epa.gov/community-port-collaboration/community-port-collaboration-pilot-projects)



# Additional Resources

- Community Benefits Agreement Training
  - Delivering Training on Community Benefits Agreements
  - Training Presentation
- Community Resource Publications
  - Community Action for a Renewed Environment (CARE) Roadmap
  - Collaborative problem-solving
  - Sustainability workbook for environmental justice and equitable development
  - Other resources

[www.epa.gov/community-port-collaboration/community-port-collaboration-training-modules-and-resources](http://www.epa.gov/community-port-collaboration/community-port-collaboration-training-modules-and-resources)

# EJ Small Grants Opportunity

Stan Buzzelle, EPA Office of Environmental Justice

# EPA Funding for Community EJ Efforts



## EPA's Environmental Justice Grants Program

- Established in 1994
- Funding for projects designed to engage and empower communities with environmental justice concerns (people of color, low-income, rural, tribal, indigenous)
- Eligible entities:
  - Incorporated non-profit organizations
  - US Territories
  - Tribal governments (federal or state-recognized) and tribal organizations

## Two Requests For Applications (RFAs) Open Until May 7

- **EJ Small Grants (Approx. \$2.8M for \$50k projects)** 1-year projects focused on initial steps of understanding, addressing, and developing solutions to local environmental issues (e.g., building consensus and setting community priorities)
- **EJ Collaborative Problem-Solving Cooperative Agreements (Approx. \$3.2M for \$160K projects)** 2-year projects to build collaborative partnerships with local stakeholders to help address environmental and public health concerns

# Ports Initiative Emphasis in This Year's EJ Small Grants RFA

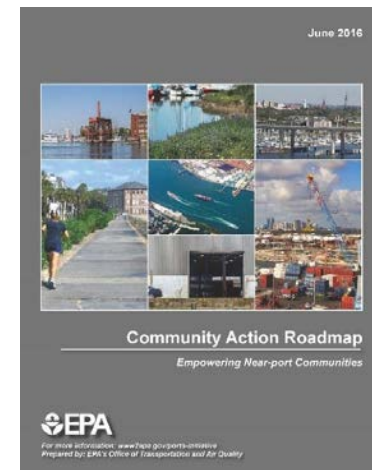


- **Ports Initiative projects**

- Part of broader EJ Small Grants RFA (see previous slide)
- Funding for approximately six projects 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](#) is strongly encouraged (Steps 1-3):
  - prioritizing goals and concerns
  - identifying levers of change
  - identifying influencers and other stakeholders with whom to build relations



[www.epa.gov/community-port-collaboration/2021-environmental-justice-small-grants-opportunity-communities-living](http://www.epa.gov/community-port-collaboration/2021-environmental-justice-small-grants-opportunity-communities-living)



*Real-World Examples of Community-Port Collaboration*

**San Pedro Bay Ports**

Francisco Dóñez, EPA Region 9



# Case study: San Pedro Bay Ports Clean Air Action Plan (CAAP)

- The Clean Air Action Plan (CAAP) is a groundbreaking program at the San Pedro Bay Ports (the Port of Los Angeles and the Port of Long Beach) in southern California.
- Enacted in 2006 to significantly reduce the health risks posed by air pollution from port-related ships, trains, trucks, terminal equipment and harbor craft
- Establishes a comprehensive, strategy for reducing port-related air pollution and related health risks, while allowing port development, job creation and economic activity to continue.

From the San Pedro Bay Ports Clean Air Action Plan website:  
<https://cleanairactionplan.org/about-the-plan/>





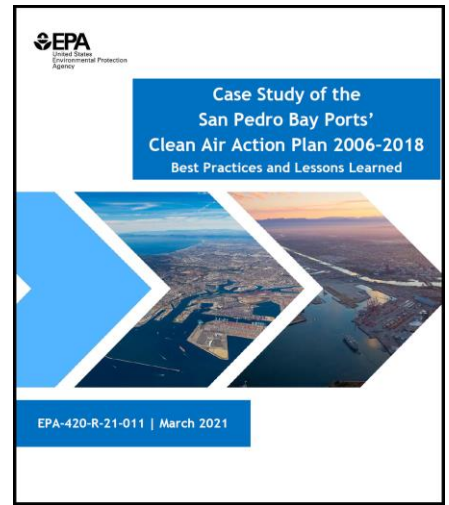
# Case study: San Pedro Bay Ports Clean Air Action Plan (CAAP)

- Community-Port Collaboration
  - Community efforts essential to initiating and supporting CAAP, and maintaining its ambition
  - Other near-port communities can build upon this infrastructure to facilitate collaboration with port authorities
- What near-port communities can do:
  - Build relationships with port staff, local policymakers, environmental NGOs, labor organizations, and.
  - Organize in-person events (e.g., toxic tours) to help government decision-makers, agency staff, and other interested parties understand local health concerns and experience environmental conditions firsthand.
  - Consider other actions, if communicating with a port is unproductive over time.



# Case study: San Pedro Bay Ports Clean Air Action Plan (CAAP)

- EPA “Case Study of the San Pedro Bay Ports Clean Air Action Plan 2006-2018” provides a summary of the 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
- Originated from conversations among EPA, the Moving Forward Network, and near-port community members
- Report and fact sheets available at the Ports Initiative website: [www.epa.gov/ports-initiative/san-pedro-bay-ports-clean-air-action-plan-best-practices-and-lessons-learned](https://www.epa.gov/ports-initiative/san-pedro-bay-ports-clean-air-action-plan-best-practices-and-lessons-learned)



*Real-World Examples of Community-Port Collaboration*  
**Savannah**

Alan Powell, EPA Region 4

# Real-World Example: Savannah



Collaboration



Case Study: Savannah Pilot



[www.epa.gov/community-port-collaboration/savannah-community-port-collaboration-pilot-project](http://www.epa.gov/community-port-collaboration/savannah-community-port-collaboration-pilot-project)

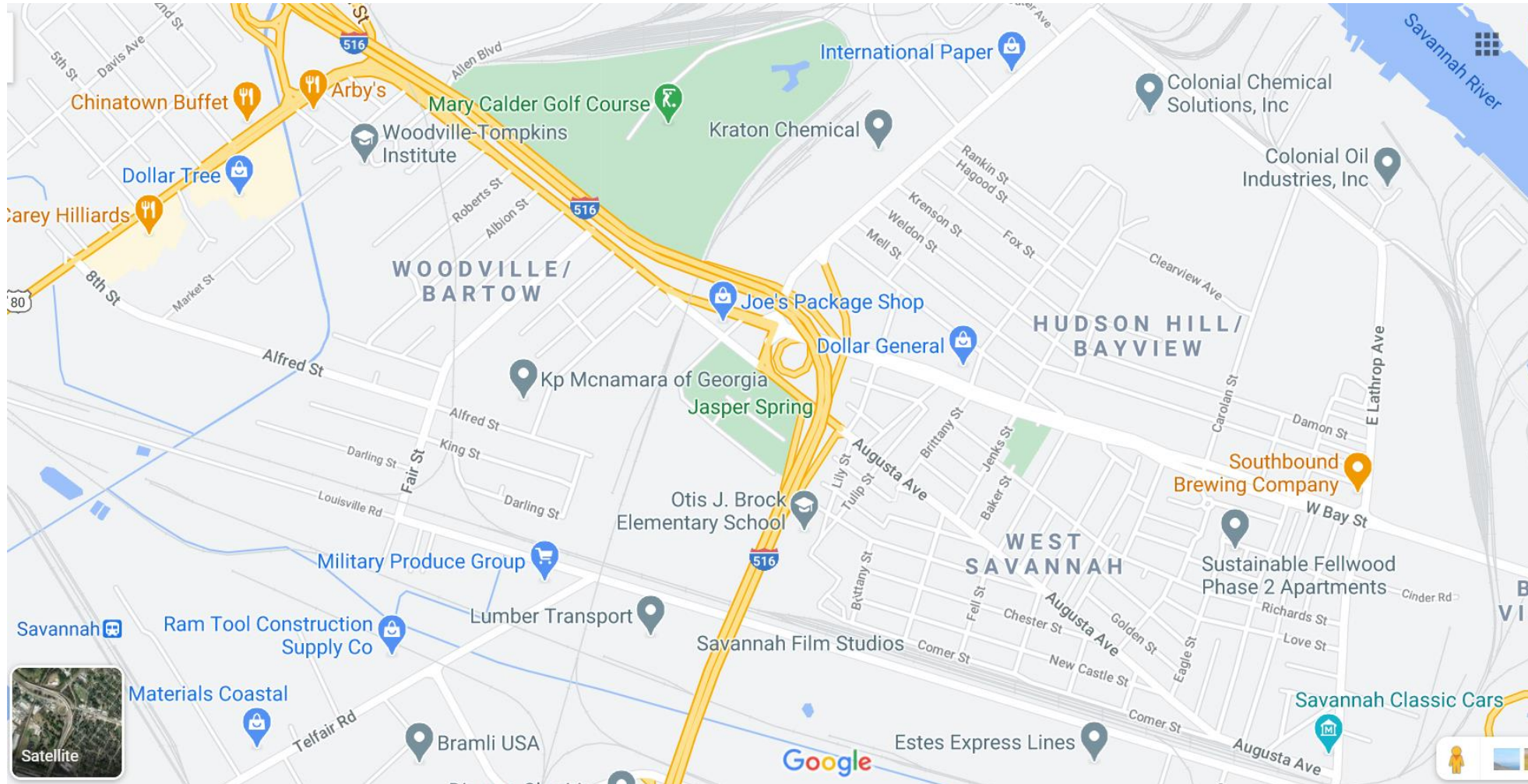
## Air Quality Improvement Action Plan for Savannah's Near-Port Communities

FINAL – December 2018

# Real-World Example: Savannah



Collaboration



# *Real-World Examples of Community-Port Collaboration*

## **Seattle**

Karl Pepple, EPA Region 10



# Real-World Example: Seattle

- Accomplishments (to date) of the ongoing collaboration between South Park and Georgetown communities and the Port of Seattle:
  - Port Community Action Team (PCAT)
    - Implemented a contract to treat members as consultants
  - Equity work
  - Accomplished mutually-beneficial near-term projects together
  - Duwamish Valley Community Equity Program (DVCEP)
  - Duwamish Valley Community Benefits Commitment, which directs implementation of the DVCEP and other Port operations that impact the Duwamish Valley
    - Co-written by community and port staff



## Real-World Example: Seattle

- Lessons learned:
  - Valuing community expertise as project assets sets a tone for equitable engagement
  - The role of senior port leadership and their buy-in was crucial to success
  - Establishing relationships within a “core team” of leaders can help overcome “bumps in the road”
  - Equitable development training for port staff can facilitate new understandings
  - Commitment to implementation at the outset is key.



Case Study: Seattle Pilot



[www.epa.gov/community-port-collaboration/seattle-community-port-collaboration-pilot-project](https://www.epa.gov/community-port-collaboration/seattle-community-port-collaboration-pilot-project)





# Keep in touch

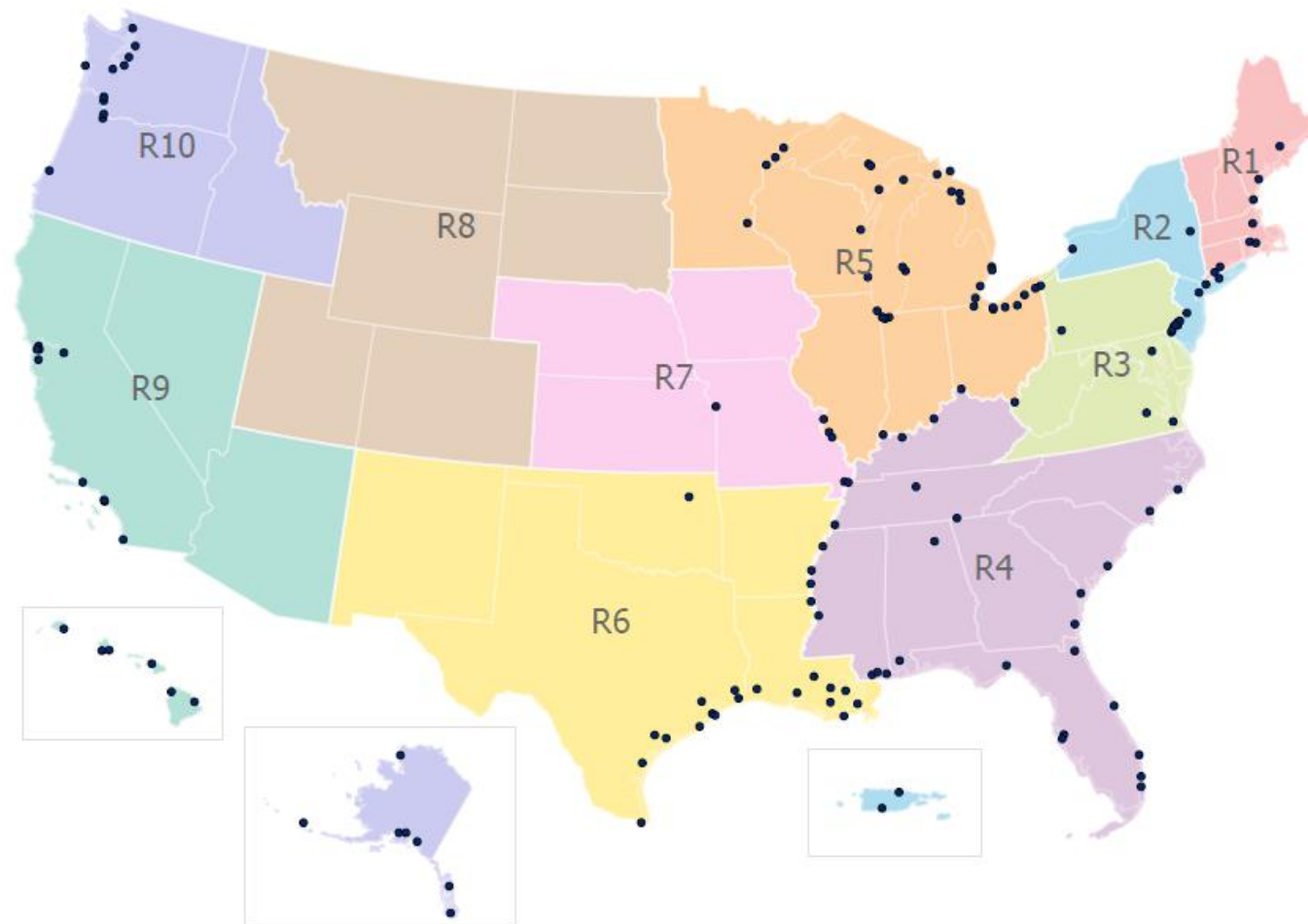
**EPA's Ports Initiative website and newsletter sign-up:**

[www.epa.gov/ports-initiative](http://www.epa.gov/ports-initiative)

For questions about EPA's Ports Initiative, contact

[talkaboutports@epa.gov](mailto:talkaboutports@epa.gov)

## Army Corps "Principal Ports" and EPA Regions



# Question/Answer Session

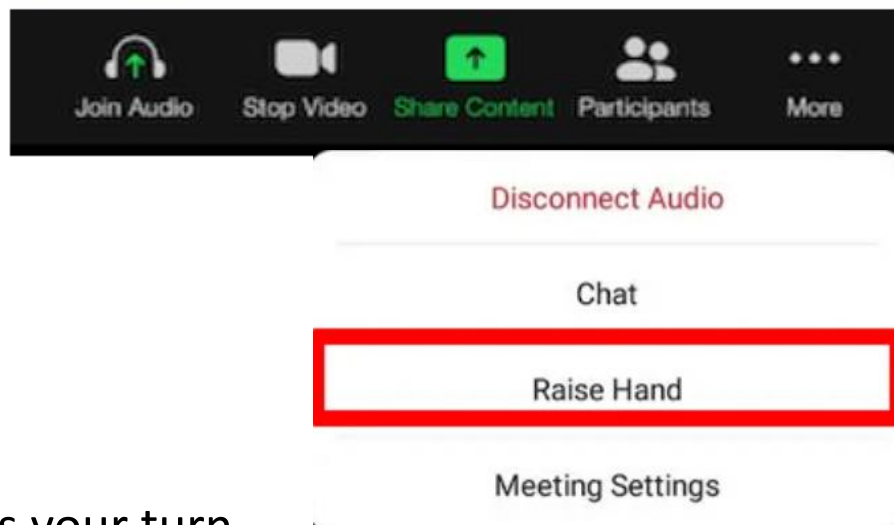
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- Send written question to “Host” via chat box.
- “Raise your hand” if you would like to offer a question verbally

Click the Reactions  button.

Raise Hand / Lower Hand 

Tap More.



Click the Participants  button.



- Host will unmute you when it's your turn
- Please “lower hand” after your turn

- **After the webinar:** email [talkaboutports@epa.gov](mailto:talkaboutports@epa.gov)