



# EPA Ports Initiative

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# PROTECT HUMAN HEALTH

AND THE ENVIRONMENT



# Overview

- Why Ports? Why Now?
- EPA Ports Initiative
- MSTRS process
- Next Steps



# Why Ports, Why Now?

- Ports are the main gateway for U.S. trade and are critical to the economies of many cities
- There is an emphasis on globalization of trade and transportation infrastructure sustainability
- It is important to consider what this growth means for the environment
- Continue collaborating with ports and communities through clean diesel efforts



# Vision for EPA Ports Initiative

- To develop and implement an environmentally sustainable port strategy
- Identify solutions to help build a more sustainable ports system
- Create healthy air quality for communities and reduces climate risk while supporting our economy and jobs

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



# Key Elements of Ports Initiative

- **Data & Tools** – Be a source of credible environmental data and tools to assess criteria and climate emissions, drive good local decision-making, and inform national policy
- **Incentives** – Building upon EPA programs such as SmartWay, DERA, ports, and community relationships to develop a national ports incentive program
- **Federal Coordination** – Look for opportunities to engage all EPA offices and federal partners on ports



# Port Assessment Project

- Existing emissions and exposure data is useful, but has limitations
- Additional information from port assessment can help us, including:
  - Assess future port emissions from expansion of Panama Canal and other port growth
  - Assess effect of emission reduction strategies on air quality and nearby populations
  - Set realistic pollution reduction goals for the ports initiative
  - Develop a recommended methodology for ports and stakeholders to conduct their own emission assessments



# “National Conversations”

- Collaboration is key for success of recognition, incentives, and partnership programs
  - Understanding stakeholders’ priorities and challenges
  - Identifying shared interests and opportunities for advancing environmental progress at ports
- National Conversations included:
  - Series of 3 theme-based “virtual meetings” targeting select stakeholder interest groups –
  - Community Impacts, Port Sustainability (Air Quality) Strategies, Stakeholder needs in the context of port expansion
    - Purpose: listen, gain better understanding of competing interests, and tee up issues for Summit





# 04/08/14 Port Stakeholder Summit

- Develop elements of EPA Ports Initiative with input from stakeholders
- Themes for presentations:
  - Summarize insights from webinars
  - Clean Air & Transportation – EPA’s Legacy
  - Industry Outlook: Growth Projections in Global Trade & Infrastructure Development
  - Community Outlook: Environmental Justice, Goods Movement, Community Health Concerns
  - Intermodal Collaboration for Greener Transport

Announcement selections of 2013 ports-focused RFP



# Mobile Sources Technical Review Subcommittee (MSTRS) Ports Initiative Workgroup Charge

- Inform development and implementation of an EPA-led **voluntary** initiative to improve port environmental achievement and air quality for port communities
- More specifically EPA asks for recommendations on:
  - 1) **How to effectively measure air quality and GHG performance of ports and/or terminals within ports**
  - 2) **Design elements for an EPA lead voluntary program to improve environmental performance as goods move through ports**
    - Begin with air quality and climate improvements
    - Include as program elements requirements for meaningful engagement between the port communities and the ports
    - Explore opportunities to address other environmental media



# Federal Policy in the Ports Arena

- Federal efforts currently focused on increasing capacity through rapid infrastructure development
  - Increase consideration of health impacts and localized air toxics impacts
- EPA voice in federal infrastructure policy development can help make health and environment part of conversation



FIGURE 3-5. ESTIMATED AVERAGE DAILY LONG-HAUL TRUCK TRAFFIC ON THE NATIONAL HIGHWAY SYSTEM: 2035



# Next Steps

- Build on Ports Initiative efforts to date by engaging stakeholders on criteria and climate emissions reduction projects at ports
- Engage Federal partners to address AQ and EJ issues
- Continue to promote SmartWay and DERA mitigation options
- Develop EPA Port Assessment, and collaborate with MSTRS on voluntary port program

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