

Talking Freight Seminar U.S. Department of Transportation

Addressing Air Pollution at Ports The Port Authority Perspective

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Seaport
activity
supports
26 percent
of the U.S.
economy

23 MILLION
AMERICAN JOBS
SUPPORTED BY SEAPORTS

\$6 BILLION+
VALUE OF GOODS HANDLED
BY SEAPORTS EACH WEEKDAY

\$321 BILLION
A YEAR IN TAX REVENUE
GENERATED BY PORT ACTIVITY

\$4.6 TRILLION
VALUE OF ECONOMIC ACTIVITY
RELATED TO SEAPORTS ANNUALLY

\$66 BILLION
NEEDED FOR PORT-RELATED
INFRASTRUCTURE
OVER THE NEXT 10 YEARS



American seaport activity supports 26 percent of the economy. Seaports serve a vital role in supporting U.S. jobs, economic prosperity, international competitiveness and tax revenue. Seaports are economic engines and vital freight gateways to the global marketplace for American farmers, manufacturers and consumers, and serve as critical infrastructure for the U.S. military.

As the unified voice of American seaports, the American Association of Port Authorities (AAPA) is working to make seaports a key priority for policymakers considering plans for investment in U.S. infrastructure.

To learn more about how ports keep America moving, scan the QR Code or visit: aapa-ports.org/movingamerica



Seaports seek
\$66 billion in
federal support
for port-related
infrastructure
as part of the
President's
\$1 trillion plan

Building America's 21st Century Seaport Infrastructure
For job creation, economic growth and secure borders

All Types of Seaports and Cargo



Infrastructure Vital for America's Trade Future

Landside and Waterside Connections Critical



**Ports and partners investing
billion a year in infrastructure
improvements**

**Federal investment in
seaport-related infrastructure
is lagging far behind**

Seaports Deliver Prosperity



For American workers, consumers and communities seaports deliver vital goods and services to consumers, ship U.S. exports, create jobs and support local and national economic growth.

American Association of Port Authorities

AAPA was established in 1912

- Since that time, AAPA has been providing a space for collaboration and exchange of best practices, and
- Fostering collaboration among members and allied groups.

We do this through:

- Education and Training, PPM
- Networking and one on one interaction
- Legislative and policy support
- Outreach



Port Air Emissions Reduction Programs

Ship

- Incentives to slow down
- Shore power
- Alternative fuels - LNG
- Marpol Annex IV - ECA

Clean Truck Programs

- Incentives to retrofit or replace trucks
- Incentives for alternative fuels
- Port bans on older trucks
- Crack down on idling
- Encouraging truck maintenance
- Port appointment systems

Yard Equipment

- Cranes and other yard equipment

Other Programs

- Air emissions inventories
- Investments in rail/barge
- Outreach to tenants
- Environmental Management Programs
 - Green Marine
 - ISO 1401 Environmental Management



Understanding Air Emission

- What are the communities environmental priorities?
- Is the port close to a neighborhood?
- Is the port in an non-attainment area?
 - Is there an air emission inventory
- Is the port a landlord or operating port?
- Is rail or barge service readily available?
- What is the port's contribution to the overall air emissions for the area?
- How far should the port's responsibility extend?
- Are there grants available to help?



Leveraging funds

- EPA Diesel Emissions Reduction Grants (DERA)
 - State and federal
 - Yard equipment, drayage trucks, shore power, rail locomotives
- CMAQ Funds
 - Container on Barge
 - Shore Power
- FAST Act – Freight funds
- Volkswagen Emissions Diesel Settlement Funds



Value of EPA Ports Initiative

- Brings stakeholders together on a national basis to improve environmental performance and increase economic prosperity
- Aids in the understanding by all parties of the challenges and opportunities
- Provides resources for collaboration
- One stop shop for all parties

