

Seaport
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of the U.S.
economy

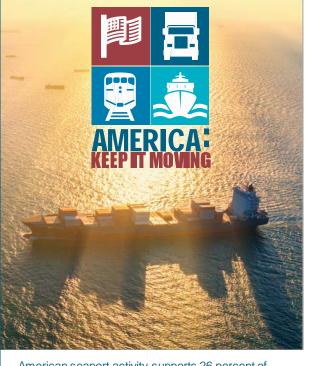


\$6 BILLION+
VALUE OF GOODS HANDLED
BY SEAPORTS EACH WEEKDAY

\$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 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



# MWW.aapa-ports.org

### All Types of Seaports and Cargo



















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### **Seaports Deliver Prosperity**



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#### **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



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### **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

### MAPPE www.aapa-ports.org

### **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?



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### 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



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#### 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





NATIONAL PORT STRATEGY
ASSESSMENT: Reducing Air
Pollution and Greenhouse Gases
at U.S. Ports



