



# Overview of EPA's Ports Initiative

**Mike Moltzen**

**U.S. EPA - Office of Transportation & Air Quality**

*Advancing Clean Air Projects at Ports and Goods Movement Facilities through CMAQ*

Talking Freight Seminar

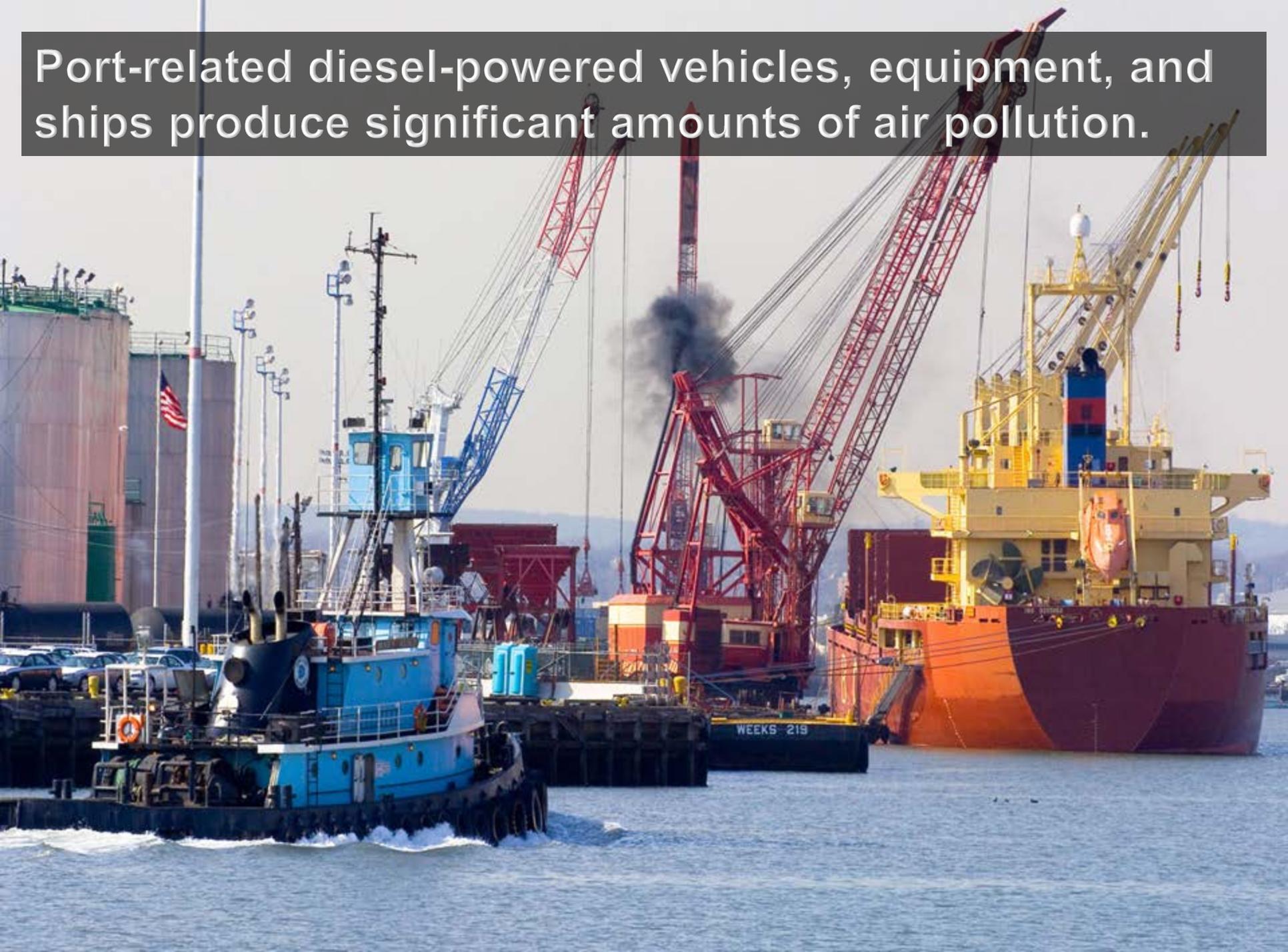
June 20, 2018

American Association of Port Authorities estimate that seaports support about 23 million U.S. jobs and 26% of U.S. Gross Domestic Product.



Source: *The State of Freight*, American Association of Port Authorities (2015).

Port-related diesel-powered vehicles, equipment, and ships produce significant amounts of air pollution.



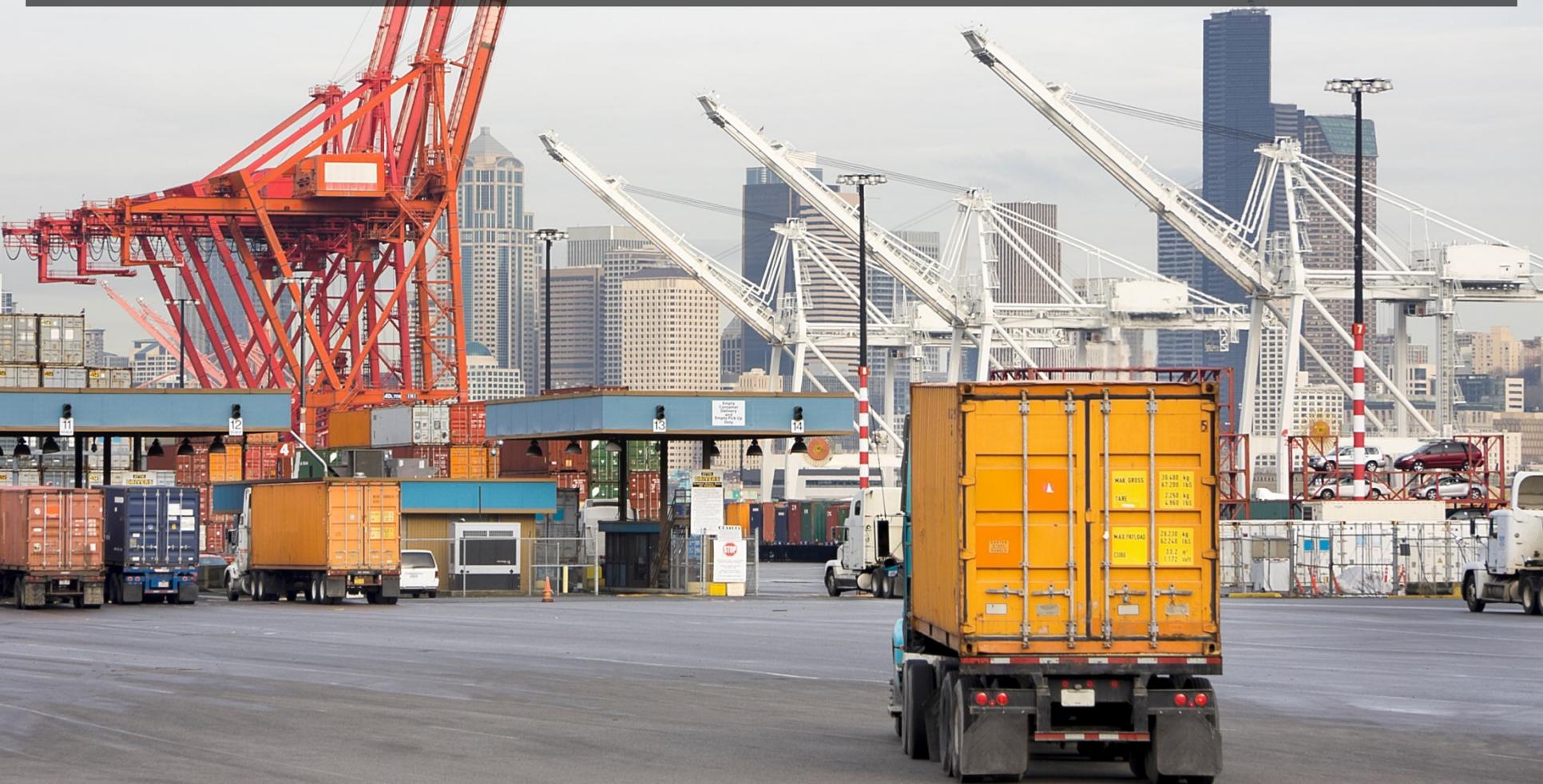
EPA estimates that approximately 39 million people in the U.S. currently live in close proximity to ports.



Source of statistic: *National Port Strategy Assessment*, EPA (2016).

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"

American Association of Port Authorities estimates \$66 billion needed for port-related infrastructure over the next 10 years.





# Background

## *Vision for the Ports Initiative*

*People living and working near ports across the country will breathe cleaner air and live better lives as a result of bold steps taken through a collaboration of industry, government, and communities to improve environmental performance and increase economic prosperity.*

- Lots of EPA work in this arena in the last decade
  - Including through SmartWay and DERA
- Stakeholders asked EPA to do more in recent years
- Focused process began in 2013 to gather specific feedback and recommendations





# EPA Ports Initiative Elements

## **Funding**

Helping Ports Capitalize on Funding for Clean Technologies

## **Technical Resources**

Providing Tools to Help Identify Smart Infrastructure Investments

## **Collaboration**

Promoting Port-Community Collaboration for Effective Planning

## **Coordination**

Increasing Efficiency in Federal Government and Port Operations

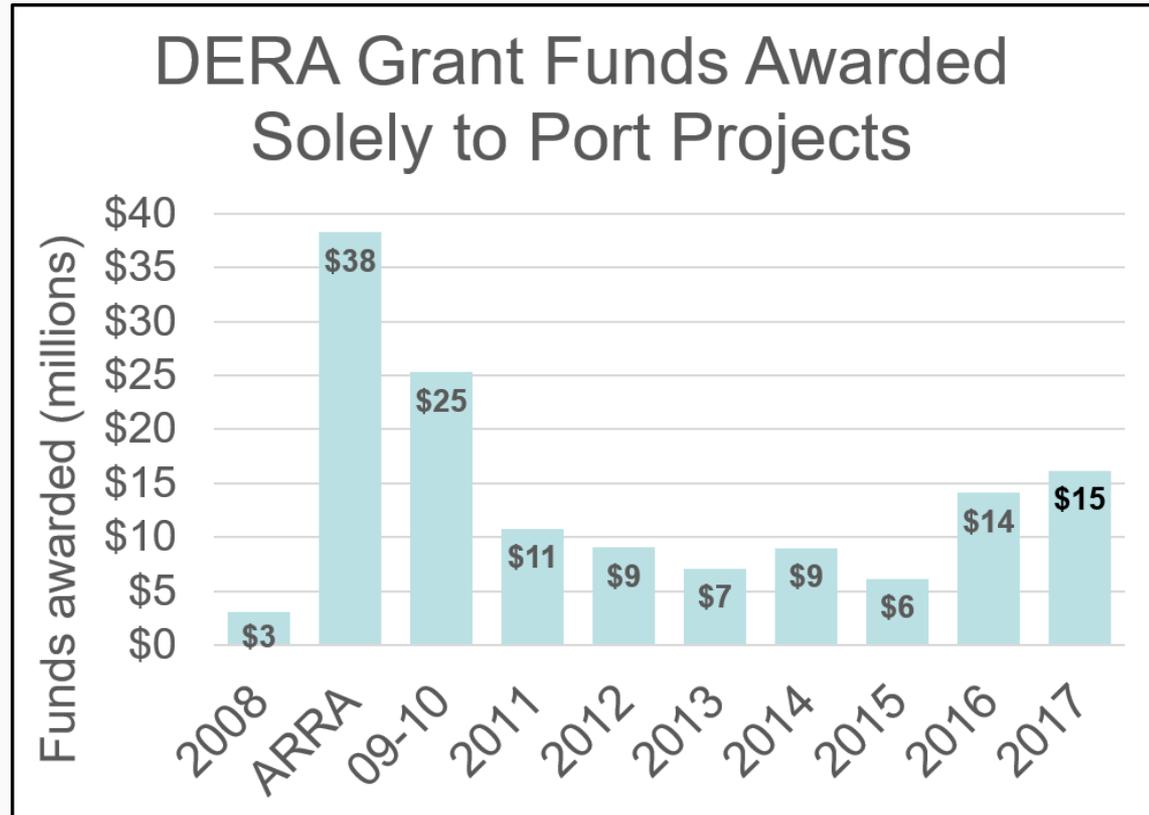
## **Communications**

Creating a Knowledge Clearinghouse

# Funding

## *Helping Ports Capitalize on Funding for Clean Technologies*

- EPA 2018 DERA RFP closed on June 12.
- VW beneficiaries demonstrating interest in local port projects.
- Regional staff helping to make connections to other funding sources like CMAQ and BUILD.

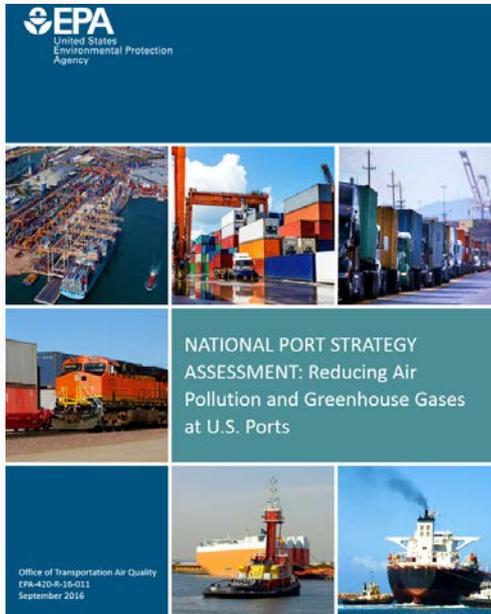


- Searchable table of funding opportunities on Ports Initiative website:

[www.epa.gov/ports-initiative/funding-opportunities-ports-and-near-port-communities](http://www.epa.gov/ports-initiative/funding-opportunities-ports-and-near-port-communities)

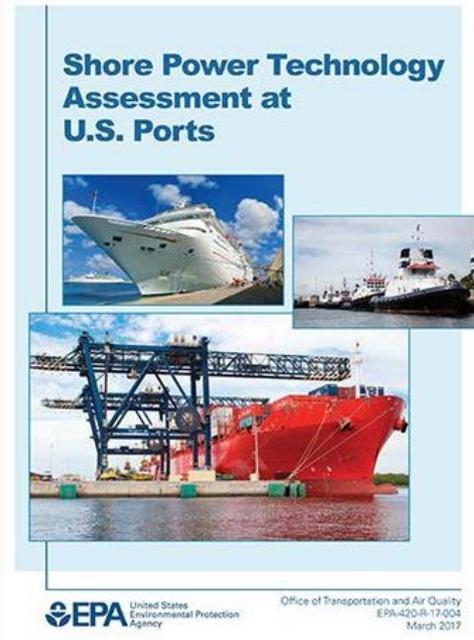
# Technical Resources

## *Providing Tools to Help Identify Smart Infrastructure Investments*



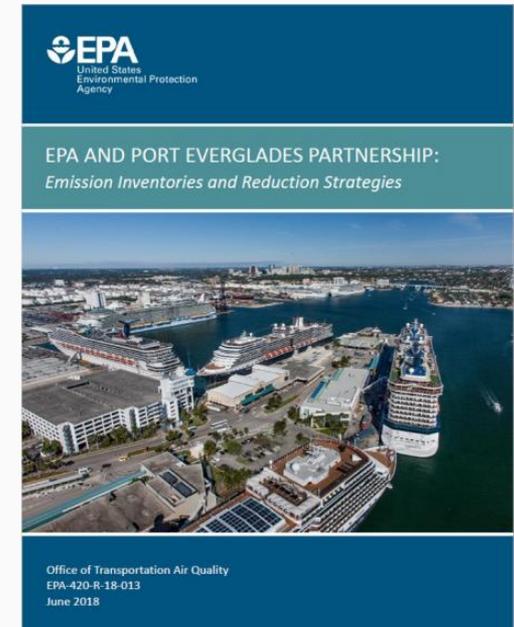
### ***National Port Strategy Assessment: Reducing Air Pollution and Greenhouse Gases at U.S. Ports***

- Released September 22, 2016
- Available at: [www.epa.gov/ports-initiative/national-port-strategy-assessment](http://www.epa.gov/ports-initiative/national-port-strategy-assessment)



### ***Shore Power Technology Assessment at U.S. Ports***

- Released April 4, 2017
- Available at: [www.epa.gov/ports-initiative/shore-power-technology-assessment-us-ports](http://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***

- Released June 1, 2018
- Available at: <https://www.epa.gov/ports-initiative/epa-and-port-everglades-partnership-emission-inventories-and-reduction-strategies>

# Communications

## *Creating a Knowledge Clearinghouse*

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

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

Keep in touch:

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

Mike Moltzen:  
(734) 214-4830

[Moltzen.Michael@epa.gov](mailto:Moltzen.Michael@epa.gov)

