

# *Northwest Ports Clean Air Strategy*

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## *Who We Are*



## Motivation

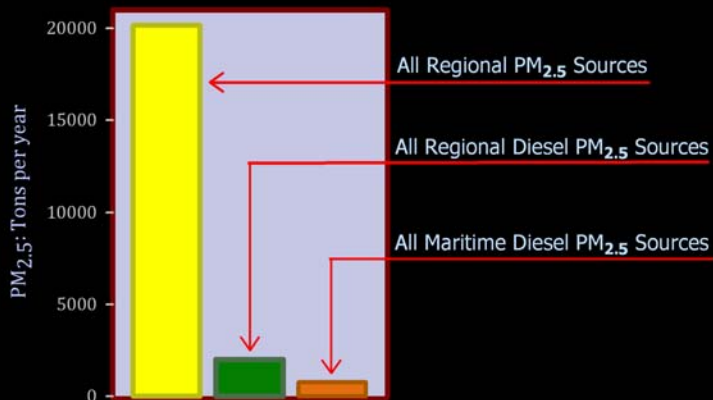


- Support livable community
- Anticipate industry growth
- Produce faster, longer-lasting results
- Address regional competitiveness
- Share best practices



## PM<sub>2.5</sub> Emission Sources

2005 Annual PM<sub>2.5</sub> Emissions  
Puget Sound Clean Air Agency Jurisdiction



## ***Northwest Ports Clean Air Strategy***

### Partners

- Port of Tacoma
- Port of Seattle
- Vancouver Fraser Port Authority (B.C.)

### Collaborators

- Environment Canada
- Puget Sound Clean Air Agency
- U.S. Environmental Protection Agency

### Additional stakeholders

- Businesses
- Maritime industry leaders
- Community groups
- Environmental groups



## ***Approach***

- Clear, measurable targets
- Encourage innovation, not mandated solutions
- Short-term (2010) and long-term (2015) targets
- Focus on reducing diesel emissions



## *Performance Measures*

	2010	2015
Ships	Use ultra-low sulfur fuels at berth	Meet IMO standards
Cargo-handling equipment	2000 model year engine or better	Best available emission control devices
Rail	Expedite EPA SmartWay standards	Comply with EPA's 2007 locomotive rules
Trucks	1994 or better emission standards	80% to meet 2007 emission standards
Harborcraft	Low-sulfur fuels, new technologies	Advanced technology pilot projects

## *Customer-driven*



- Ultra low sulfur diesel and biodiesel
- Anti-idling policies
- Upgraded engines

- Take care of customers
- Build a foundation for future growth
- Be a good neighbor

