

Funding/Resources for Clean Diesel: Port of Seattle Perspective

Presented by Janice Gedlund
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Port Lines of Business: Sea, Air, Land



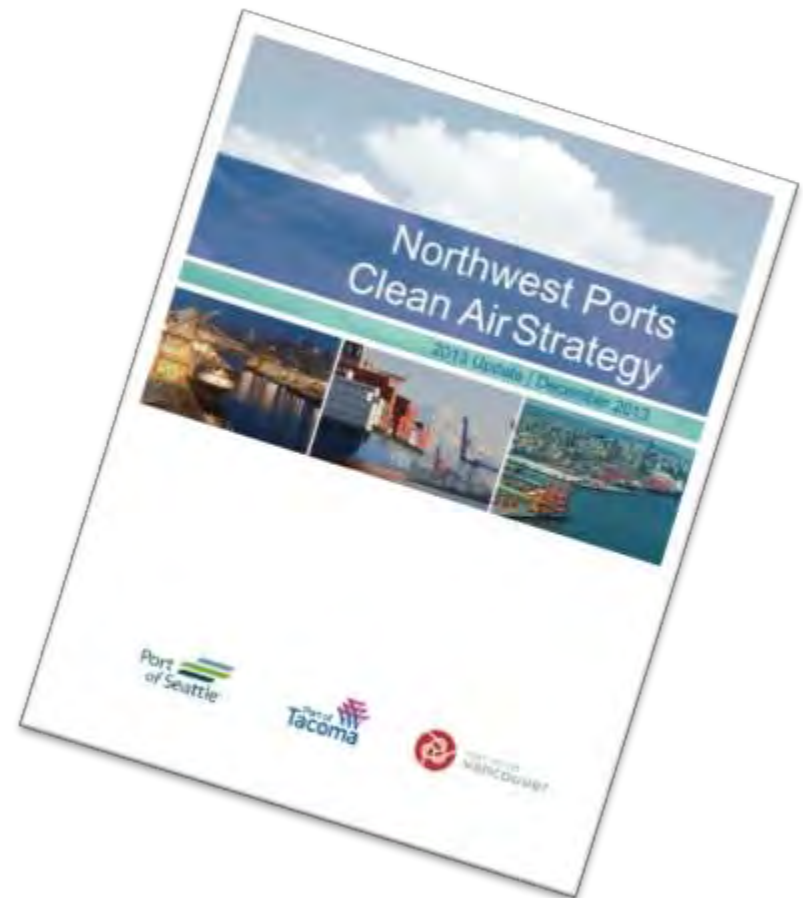
Northwest Ports Clean Air Strategy

Goal: reduce diesel emissions and greenhouse gases from

- ships
- cargo-handling equipment
- locomotives
- trucks
- port administration

Using:

- cleaner technologies
- best practices/efficiencies



Key Ingredients

“It takes a village”

- industry, customer, agency, community partnerships/networking
- local/regional/state/national planning, policy, regulations
- port requirements – leases, registrations, fees, tariffs
- recognition and certification programs

It takes money (grants are critical!)

- engine replacements/retrofits
- pilot/demonstration projects
- infrastructure improvements
- efficiency improvements
- measurement systems



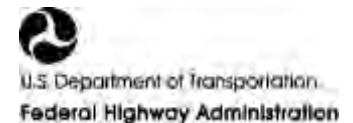
Truck Scrap/Replacement Project Made Possible with Grant Funds

\$ 5.9 M grants (CMAQ, DERA & Ecology)

+ \$ 1.2 M in Port funds

= \$ 7.1 M project

- drayage trucks replaced: 240
- reduction in DPM emissions: 90%
- annual health benefits: \$ 4 M



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