



Canadian Programs

Puget Sound Seaport Diesel Solutions Workshop
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Maritime Emissions Also of Concern in Canada

- Similar concerns as US re PM health & visibility impacts
- PM₁₀: Schedule 1 of *Canadian Environmental Protection Act, 1999*
- *Canada-Wide Standards for PM and O₃* commitment to Continuous Improvement
- A key focus of Georgia Basin / Puget Sound International Airshed Strategy



➤ Georgia Basin /
Puget Sound
International Airshed



Engine and Fuel Requirements Aligned with US EPA

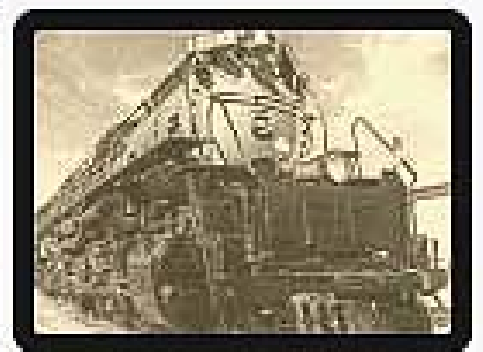


- Standards for on-road and off-road fuels aligned with US EPA
- Standards for new on-road and off-road engines aligned with US EPA
- Exception: Alignment for locomotive engine standards may come via negotiated agreement
- Exception: Diesel marine propulsion engine (>37kW) emission standards (*Canada Shipping Act*)



Handout:

Potentially-Relevant Programs



Example: Natural Resources Canada



➤ FleetSmart

- On-road and off-road diesel fleets (not locomotive)
- Advice on how to reduce fuel consumption
- Driver training – sector specific (forestry, trucking, school buses, utilities etc.)
- Rebate program for Auxiliary Power Units and cab heaters – to reduce idling
- Innovative technologies program – funding for fuel consumption reductions

Examples: Transport Canada



- Freight Sustainability Demonstration Program
 - To reduce fuel consumption in freight-related sectors
 - Focused on GHG emission reductions

- Freight Incentives Program
 - Purchase and install technologies that reduce GHGs
 - Preference to technologies demonstrated through Freight Sustainability Demonstration Program

- Marine Shore Power Pilot Projects

Other Examples



- Biodiesel
- Other alternative fuels
- Green Municipal Funds



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Government of Canada Actions

- Urban bus retrofits across Canada
- School bus retrofits in BC
- Municipal vehicles
- Water injection trials
- Biodiesel trials & market development
- FleetSmart driver training

