Northwest Ports Clean Air Strategy Implementation Plan Development Wrap-Up and Report Out

September 28, 2021
Please introduce yourself using the meeting chat: name, pronouns, affiliation
Meeting agenda and objectives

• Land acknowledgement
• Presentation from Port staff
  • Recap the Northwest Ports Clean Air Strategy (NWPCAS) implementation plan development and engagement process
  • Present engagement feedback themes
  • Review key changes to the implementation plans informed by feedback
• Question and answer session
• Next steps and opportunities to stay involved
Recap: About the NWPCAS and port-specific implementation plans
Adoption process and timeline

- NWSA and Port of Seattle require an adoption resolution and two readings by Managing Members/Commissioners; Tacoma requires one reading.
- Commission/Managing Member Meetings are open to the public and include an opportunity for public comment:
  - NWSA Managing Members Meeting Portal: https://portal.veconnect.us/p/nwseaportalliance
  - Port of Tacoma Commission Meeting Portal: http://portal.veconnect.us/p/portoftacoma
  - Port of Seattle Commission Meeting Portal: https://meetings.portseattle.org/
- Timeline:

<table>
<thead>
<tr>
<th>Organization</th>
<th>October</th>
<th>November</th>
<th>December</th>
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<tbody>
<tr>
<td>Port of Seattle</td>
<td>10/26: Commission discussion on revised GHG reduction targets AND 1st reading of resolution to adopt MCAAP by Port of Seattle Commission</td>
<td>11/16: 2nd reading of resolution to adopt MCAAP</td>
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<td>Port of Tacoma</td>
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<td>11/17: 1st/only reading by Port of Tacoma Commission</td>
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<td>Northwest Seaport Alliance</td>
<td>11/2: 1st Reading by Managing Members</td>
<td>12/7: 2nd Reading</td>
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Engagement process

2019-2020: NWPCAS Engagement
- Included government, industry, and community organizations
- Summer 2019 – Defined NWPCAS Vision
- Spring 2020: Defined NWPCAS Objectives
- Fall 2020: Shared draft NWPCAS and proposed port actions

Spring 2021: NWPCAS Adoption
- PoT, NWSA collect feedback on actions; begin IP development
- Port of Seattle draft IP and community review guide posted online for review
- 2020 NWPCAS adopted
- April community briefing webinar
- Adoption timeline extended to Fall 2021 to allow time for additional engagement

Summer 2021: Implementation Plan Engagement
- Neighborhood association presentations
- Online survey – 139 responses
- July community webinar
- Seattle & Tacoma Community workshops
- Non-governmental organization workshop
- Comment letters
- Report-out webinar

NWPCAS: Northwest Ports Clean Air Strategy
PoT: Port of Tacoma
IP: Implementation Plan
Online survey results

- Survey open July 6-August 15; available in 6 languages
- Received 139 responses

![Survey results chart]

When you envision seaport activity in Seattle in the future, what would you like to see?

![Word cloud]

What sources of emissions should the port prioritize now?

- Cruise ships: 64 mentions
- Shore power: 19 mentions
- Cargo ships: 16 mentions
- Clean energy: 14 mentions
- Trucks: 12 mentions
- Buildings/ferries: 11 mentions
- Cargo-handling equipment: 10 mentions
- Reduce emissions (general): 10 mentions
- Largest sources: 10 mentions
- Misc. / Other: 9 mentions
- Move faster: 8 mentions
- Focus on communities: 8 mentions
What we heard: major themes

1. Strong consensus on the need to achieve zero emission operations by 2050 and to prioritize clean energy transition
2. Feedback on interim emission reduction targets
3. Desire for the ports to lead by example and prioritize climate/clean air investments to address health disparities in environmental justice communities
4. Desire for more accountability, communication, and transparency in reporting and decision-making
5. Consensus on the importance of reducing emissions from trucks, concerns about cost, feasibility, and equity
6. Concern about ocean-going vessels as a major source of emissions and impacts of vessel traffic on marine life
Continuing to plan for electrification and the clean energy transition

• Seattle Waterfront Clean Energy Strategy – to be completed end of 2022
• South Harbor Electrification Roadmap – to be completed June 2023
• Both will add critical detail to pathways to achieve decarbonization in maritime industries and inform future action
Updates to targets and timelines: Northwest Seaport Alliance & Port of Tacoma

- Plan scope: actions within next 5 years
  - Milestones are specific 5-year targets
- NWPCAS: phase out emissions by 2050
- Existing organizational 2030 GHG target: 50% reduction by 2030
- Proposing to incorporate interim target set by state of Washington: 70% reduction in GHG by 2040
Updates to targets and timelines: Port of Seattle

- Plan scope: actions through 2030
- Clarified action timelines since engagement draft:
  - Within 1-3 years → Priority Actions
  - Within 5 years → By 2025
  - Within 10 years → By 2030
- Considering accelerated Port-Wide GHG targets:
  - Port directly or indirectly controlled sources (Scope 1&2): carbon neutral by 2050 → net-zero or better by 2040
    - Port of Seattle electricity and natural gas use (airport + seaport)
    - Fossil fuel in Port-owned fleet vehicles and equipment (airport + seaport)
  - Port-influenced sources (Scope 3): 80% below 2007 → carbon neutral or better by 2050
    - Airplane takeoff and landing, airport ground transportation
    - Tenant energy use
    - Cruise, grain, commercial fishing, marina operations
Aligning port implementation plans with community priorities

- Port of Seattle and NWSA plans acknowledge goals of Resolution 3767: The Duwamish Valley Community Benefits Commitment and the DRCC Duwamish Valley Clean Air Program Action Plan

- **New Proposed Actions:**
  - Regular updates on clean air strategy implementation, beginning in 2022 (all)
  - Develop Clean Air & Climate Community Resource Guide in 2022 (NWSA lead, POT/POS support)
  - Collaborate with near-port residents and communities to develop and begin implementation of an on-going engagement and partnership program starting before the end of 2022 (all)
  - Support youth engagement and professional development (Port of Seattle MCAAP)
  - Prioritize local and women and minority-owned business enterprises (WMBE) in contracting specific to MCAAP-related work and to advance the Port’s WMBE priorities overall (Port of Seattle)
Clarification of accountability measures, monitoring, and reporting

- Common accountability framework incorporated into each plan:
  - Measure success against performance measures or milestones for each sector
  - Annual reporting to executive leadership, governing bodies, and the public
  - Reporting of implementation progress by harbor
  - Implementation plans reviewed and updated annually with annual workplan and budget processes
  - Larger renewal of Northwest Ports Clean Air Strategy every five years
- Support for local air monitoring projects; ports will use local data and research to inform decision-making
- Additional focus to evaluate lifecycle GHG emissions added
Sustaining a strong focus on drayage trucks

Proposed NWSA-led actions:

- Scrap bonuses to approximately 60 drivers of pre-2007, working towards phasing out all trucks older than 2007
- Regional clean truck collaborative to focus on zero emissions by 2050
- Work with trucking stakeholders to implement at least one major zero emission truck demonstration project by 2025, targeting at least 10 trucks
- Explore truck parking solutions to help reduce trucks parking in neighborhoods
- Continue to reduce wait times, idling, congestion at terminals
- Strengthen engagement and support for the trucking community
Addressing emissions from ocean-going vessels (OGVs)

Proposed cargo ship actions:
- **New action** to require shore power usage once installed
- Shore power installations:
  - By end of 2023: Terminal 5, Husky Terminal
  - Completing design of a shore power system at Terminal 18
  - Planning for shore power installations at other major international terminals in gateway
- Advocate for more rigorous emission reduction policies, lower emission fuels
- Assess methods not yet employed to reduce emissions from vessels as they transit through the Puget Sound

Proposed cruise ship actions:
- **New actions** to address emissions from cruise ships underway:
  - Advocate for strengthened standards, zero-emission fuels, technology development
  - Identify partnerships for policy alignment and amplification
  - Conduct a maritime zero carbon energy source assessment
- Actions to install shore power at all berths, require use
Questions?
# Next steps: finalizing plans for adoption

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<th>Port of Tacoma (POT)</th>
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<td><strong>Oct 1</strong>: POS to issue draft State Environmental Policy Act (SEPA) Determination of Non-Significance (DNS) for Maritime Climate and Air Action Plan (public comment open through Oct 15)</td>
<td><strong>Nov 2</strong>: 1st reading of resolution by Managing Members to adopt NWSA Implementation Plan</td>
<td><strong>Nov 17</strong>: 1st/only reading by PoT Commission to adopt PoT Implementation Plan</td>
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<td><strong>Oct 22</strong>: POS to issue final SEPA DNS for Maritime Climate and Air Action Plan</td>
<td><strong>Dec 7</strong>: 2nd reading by Managing Members of resolution to adopt NWSA Implementation Plan</td>
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<td><strong>Oct 26</strong>: Briefing for POS Commission on accelerated GHG targets AND 1st reading by POS Commission to adopt Maritime Climate and Air Action Plan</td>
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<td><strong>Nov 16</strong>: 2nd reading by POS Commission to adopt Maritime Climate and Air Action Plan</td>
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Commission and Managing Member meeting public comment procedures

COVID-19 procedures allow public comments to be submitted via email prior to meeting or via phone or Microsoft Teams (must register before).

- **Port of Seattle**: Send comments or register by 9a day-of via commission-public-records@portseattle.org
- **Port of Tacoma**: Send comments or register by 9a day before via comment@portoftacoma.com
  - Include “Speaker – Public Comment” in subject line
- **Northwest Seaport Alliance**: send comments or register by 9a day before via nwsacomment@nwseaportalliance.com
  - Include “speaker” in the subject line
How to stay involved

• Detailed summary of engagement feedback available online

• Join our mailing lists:
  • Seattle Harbor: cleanair@portseattle.org
  • Tacoma Harbor: NWPCAS-comments@portoftacoma.com

• Subscribe to port newsletters:
  • Port of Seattle: https://subscribe.portseattle.org/publications
  • NWSA: https://www.nwseaportalliance.com/subscribe
  • Port of Tacoma: Join email list at https://www.portoftacoma.com/news
For more information

Northwest Seaport Alliance: https://www.nwseaportalliance.com/environment/clean-air/northwest-ports-clean-air-strategy

Port of Seattle: https://www.portseattle.org/page/northwest-ports-clean-air-strategy

Port of Tacoma: https://www.portoftacoma.com/community/environment/air