



# NORTHWEST PORTS CLEAN AIR STRATEGY



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

September 28, 2021





## NORTHWEST PORTS CLEAN AIR STRATEGY

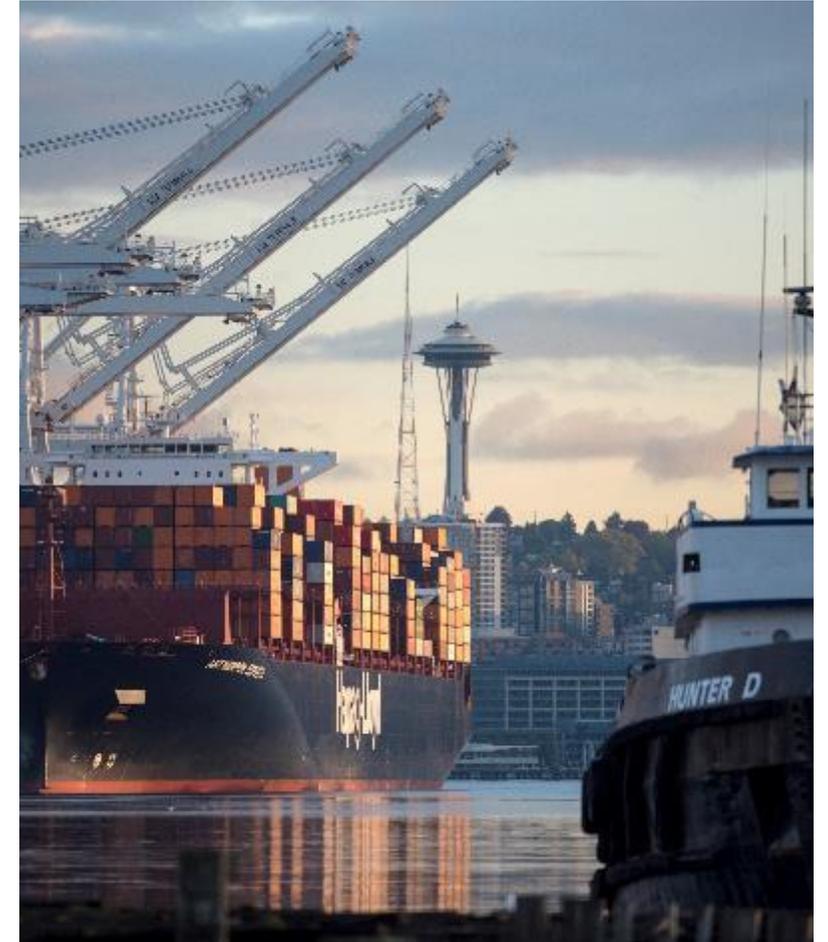


Please introduce yourself using the meeting chat:  
name, pronouns, affiliation

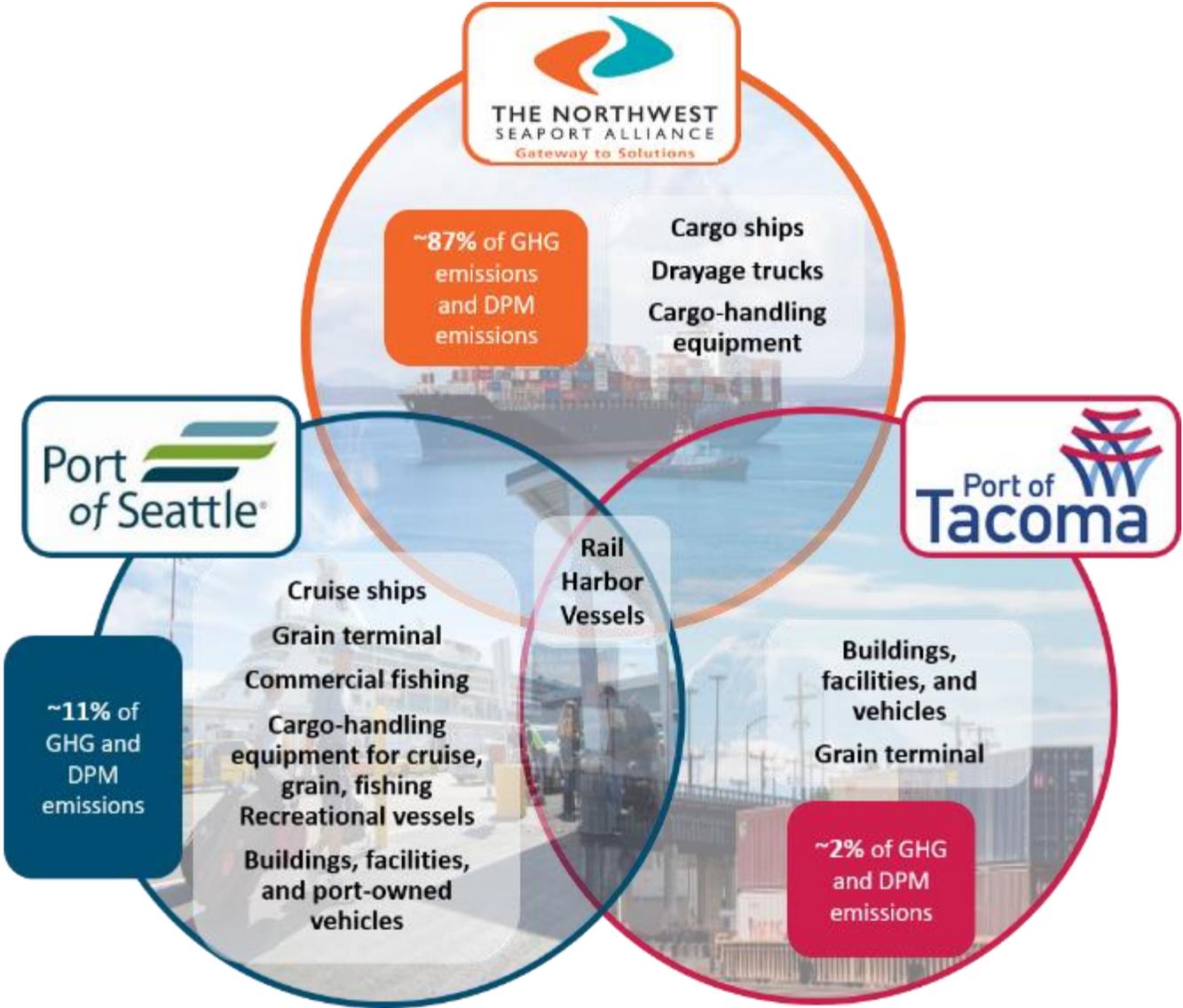
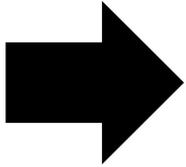


# Meeting agenda and objectives

- 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

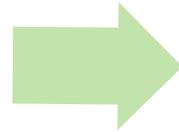
- NWSA and Port of Seattle require an adoption resolution and two readings by Managing Members/Commissioners; Tacoma requires one reading
- Commission/Managing Member Meetings are open to the public and include an opportunity for public comment:
  - NWSA Managing Members Meeting Portal: <https://portal.veconnect.us/p/nwseaportalliance>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

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

# 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



# 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?

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# Next steps: finalizing plans for adoption

Port of Seattle (POS)	Northwest Seaport Alliance (NWSA)	Port of Tacoma (POT)
<p><b>Oct 1:</b> 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)</p> <p><b>Oct 22:</b> POS to issue final SEPA DNS for Maritime Climate and Air Action Plan</p> <p><b>Oct 26:</b> Briefing for POS Commission on accelerated GHG targets <u>AND</u> 1st reading by POS Commission to adopt Maritime Climate and Air Action Plan</p> <p><b>Nov 16:</b> 2nd reading by POS Commission to adopt Maritime Climate and Air Action Plan</p>	<p><b>Nov 2:</b> 1st reading of resolution by Managing Members to adopt NWSA Implementation Plan</p> <p><b>Dec 7:</b> 2nd reading by Managing Members of resolution to adopt NWSA Implementation Plan</p>	<p><b>Nov 17:</b> 1st/only reading by PoT Commission to adopt PoT Implementation Plan</p>

# 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](mailto:commission-public-records@portseattle.org)
- **Port of Tacoma:** Send comments or register by 9a day before via [comment@portoftacoma.com](mailto: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](mailto: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](mailto:cleanair@portseattle.org)
  - Tacoma Harbor: [NWPCAS-comments@portoftacoma.com](mailto: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

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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>