

Achieving Our Environmental Values

5 Year Milestones

25 Year Strategic Goals

- Reduce air pollutant emissions by 50% from 2005 levels.
- Lead our industry's greenhouse gas (GHG) reduction strategies by reducing carbon emissions from all Port operations by 50% from 2005 levels and reducing aircraft-related GHG emissions at Sea-Tac by 25%.
- Meet future growth in energy usage through conservation and renewable sources.
- Restore, create, and enhance 40 additional acres of habitat in the Green/Duwamish watershed and Elliott Bay.
- Prevent sprawl in less developed areas of Puget Sound by anchoring our region's urban industrial land use.
- Ensure all stormwater leaving Port operated facilities will meet or exceed agency requirements and create partnerships that lead our industry in stormwater quality improvements.

GOAL: Reduce air pollutant emissions by 50% from 2005 levels

5-year Milestones:

Seaport –

- Reduce truck DPM emissions by 50% or 1.5 tpy and Ocean Going Vessel DPM Emissions by 80% or 47.2 tpy
- Update NWPCAS in 2012, setting goals joint goals with Port Metro Vancouver and Port of Tacoma through at least 2020 for Diesel Particulate and Carbon Emissions.

Aviation –

- Sea-Tac will improve the overall efficiency of its vehicle fleet by 30% over 2005 levels by 2015.
- Investigate alternative fuel options for boiler operations.
- Complete plan for future emission reduction projects.

GOAL: Lead our industry's greenhouse gas (GHG) reduction strategies by reducing carbon emissions from all Port operations by 50% from 2005 levels and reducing aircraft-related GHG emissions at Sea-Tac by 25%

5-year Milestones:

Seaport –

- Measure and report carbon emissions
- Set GHG reduction goals in alignment with WA State reduction goals.

Aviation –

- Complete projects including Pre-Conditioned Air, Electric Ground Support Equipment, Fuel Hydrant System expansion, and fleet improvements.
- Complete plan for future GHG emission reduction projects.

Aircraft –

- Work with partners to institute Greener Skies at SEA
- NextGen technologies implemented at SEA.
- 50 Million gallons per year bio-jet fuel delivery to Sea-Tac.

GOAL: Meet future growth in energy usage through conservation and renewable sources

5-year Milestones:

Seaport –

- Complete energy audits at container terminals by 2014 and 2 other properties by 2016.
- Begin implementation of all identified energy conservation projects that have a positive Net Present Value (NPV).
- Complete one renewable energy generation pilot project.
- Energy usage in 5 years is at or below 2011 annual average.

Aviation –

- Complete energy conservation projects with positive Net Present Value (NPV).
- Meter and monitor to evaluate existing energy usage to identify new conservation projects.
- Perform energy efficiency reviews for all Port sponsored capital projects.
- Update Electrical Resource Plan.
- Reduce Airport data center server power consumption.
- Identify cost effective new renewable energy sources, including geothermal use in new buildings.
- Energy usage in 5 years is at or below 2011 annual average.

GOAL: Restore, create, and enhance 40 additional acres of habitat in the Green/Duwamish watershed and Elliott Bay

5-year Milestones:

Seaport –

- Design and construct T-117 habitat mitigation (6 acres).
- Complete plan for enhancement and creation 10 acres of additional habitat.

GOAL: Prevent sprawl in less developed areas of Puget Sound by anchoring our region's urban industrial land use

5-year Milestones:

Portwide—

- Advocate for policies that preserve industrial zoning, maintain economically competitive utility rates and support completion of transportation infrastructure.

Seaport –

- Help industrial businesses thrive in the complex environmental regulatory environment, through educational efforts such as ECAP, Energy conservation and sustainable management policies.
- Encourage brownfields development.
- Support purchase and redevelopment of off-dock container yard property.

Aviation –

- Maximize space closest to the airport for high density airport related use. Specific projects include cargo facility expansion.
- Break ground on SR 509 extension.
- Update the Airport Master Plan.
- Partner with Sound Transit to extend Link Light Rail.

GOAL: Ensure all stormwater leaving Port operated facilities will meet or exceed agency requirements and create partnerships that lead our industry in stormwater quality improvements

5-year Milestones:

Seaport –

- Complete Comprehensive Water Quality Plan and identify additional 5 year milestones by the end of 2012.
- Use ECAP and Source Control Grant monies to continue ongoing education and pollutant reduction from Port and tenant sources.

Aviation –

- Sea-Tac will achieve and maintain 100% Best Management practices for water quality treatment and flow control over 100% of airport industrial areas.
- Identify and implement off-airport property low impact development practices.

