Moving People and Goods Efficiently

Air Quality and Climate Change

Goal 1a: Air Quality
Sea-Tac will improve the overall efficiency of its vehicle fleet by 30 % over 2006 levels by 2015.

Goal 1b: Air Quality
Sea-Tac will continue to work with its business partners to consolidate trips, reduce vehicle miles travelled, and promote clean vehicles from taxis, shuttles, buses, construction vehicles, service equipment, and ground support equipment.

Goal 2: Greenhouse Gas Emissions
Sea-Tac will reduce airport owned and controlled greenhouse gas emissions by 15% below 2005 levels by 2020.

Goal 3: Transportation
Sea-Tac will increase the average occupancy of passenger vehicles accessing the airport from 2.6 in 2009 to 3.6 in 2015.

Goal 4: Adaptation Planning
Sea-Tac will complete a risk analysis of potential climate change impacts and implications for the airport, and develop a strategy plan for avoiding/mitigating risks.

Energy Use and Conservation

Goal 5: Electricity Use
Sea-Tac will meet all future load growth through conservation measures and renewable energy.

Goal 6: Natural Gas Use
Sea-Tac will continue to reduce natural gas consumption per square foot of terminal space through cost-effective conservation and efficiency measures.

Goal 7: Technology Deployment
Sea-Tac will serve as a leader in identifying and implementing leading-edge technologies and process improvements that reduce energy demand and improve efficiency.

Buildings and Infrastructure

Goal 8: Sustainable Buildings
Sea-Tac will integrate Leadership in Energy and Environmental Design (LEED™) or other "green" building performance measures into all projects.

Goal 9: Asset Management
Sea-Tac will continue to improve its asset management practices in a manner that minimizes the total cost of owning and operating facilities and maximizes environmentally-sustainable development.

Managing Natural Resources Wisely

Materials Use and Recycling

Goal 10: Recycling
Sea-Tac will increase the solid waste recycling rate from the current 22% in 2008 to 50% by 2014.

Goal 11: Construction Debris

Sea-Tac will implement Best Management Practices (BMP) that reduce construction, demolition and land clearing debris generated by the airport and its contractors.

Goal 12:   Hazardous Materials and Waste
Sea-Tac will continue to reduce its use of hazardous materials and the generation of hazardous wastes.

Goal 13: Environmentally Preferable Products
Sea-Tac will increase the use of green products throughout the organization by implementing a robust environmental purchasing program.

Water Resources and Wildlife

Goal 14: Water Quality
Sea-Tac will achieve and maintain Best Management Practices for water quality treatment and flow control over 100% of airport industrial areas.

Goal 15: Wildlife Habitat
Sea-Tac will identify and implement actions to: (a) improve wildlife habitat and protections for native species not in conflict with aviation safety, and (b) develop biologically sound approaches for managing hazardous wildlife in the context of reducing the need for direct control actions such as scare devices (e.g., pyrotechnics).

Goal 16: Water Conservation
Sea-Tac will reduce the potable water consumption rate 5% below 2008 levels by 2015.

Promoting Sustainable Communities

Noise

Goal 17: Noise Mitigation
Sea-Tac will complete the Part 150 update including FAA review and approval by the end of 2011.

Education and Integration

Goal 18: Education and Community Outreach
Sea-Tac will institute an environmental education campaign to promote environmental stewardship and raise awareness of airport environmental and sustainability initiatives.

Goal 19: Integration
Sea-Tac will integrate environmental and sustainability considerations into core business operations.

Goal 20: Working with Business Partners
Sea-Tac will work with its business partners to extend environmental and sustainability initiatives beyond its own operations.