



RECYCLING INITIATIVES  
& GREEN INCENTIVES  
SEATTLE-TACOMA  
INTERNATIONAL AIRPORT



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*“Airports Going Green” Conference*

*August 6, 2009*

*Chicago, IL*



# SEA-TAC RECYCLING PROGRAMS

- CURRENTLY RECYCLE 22% WASTE (2008)
- ENVIRONMENTAL STRATEGY 5 YEAR PLAN- “A VISION FOR 2014 AND BEYOND”
  - SPECIFIC GOALS, OBJECTIVES AND METRICS
  - RECYCLING GOAL- 50% RECYCLED BY 2014
  - SPECIFIC METRICS FOR SOLID WASTE, CONSTRUCTION DEBRIS, HAZARDOUS WASTE AND ENVIRONMENTALLY PREFERRED PRODUCTS



# SEA-TAC RECYCLING PROGRAMS

- \$170,000 SAVED ANNUALLY
- TERMINAL
  - Recycling for passengers, concessions and airport staff.
- AIRFIELD
  - Recycling for capital projects, airlines, ground service crews and other tenants.



# SEA-TAC RECYCLING PROGRAMS

- Standard Office Recycling- paper, glass  
metals and plastics
- Organics/Food Scraps and Grease
- Food Donation Program
- Construction Debris
- Aviation Periodicals to Aviation High School



# RUNWAY REHAB RECYCLING

- Runway 16L Project
  - Soils used on site
  - 100,000 yd<sup>3</sup> asphalt recycled
  - 50,000 yd<sup>3</sup> concrete reused in subbase
  - 470,000 lbs misc metals recycled



# AIRFIELD TRASH & RECYCLING SYSTEM

- Worked with Airline reps to provide system that works at other airports; education for flight crews; cost analysis
- Knew we needed to incentivize- pay as you throw
- Centralized system/Large capacity compactors
- Pay for trash and recycling will be free.

# GREENING CONCESSIONS

- Recycling Incentive: “Pay as you throw”
  - Pay for trash- Recycle for free
  - Assistance and education (ongoing)
  - Food waste/service ware Composting
  - Now in majority of Kitchens
  - Testing PAX in food courts



# GREENING CONCESSIONS

- Green Assessments
- Cost based utility rates
  - Energy meters for lease areas
  - Free energy audits





# AIRPORT RECYCLING CONSORTIUM

- Established in 2007
- Participants: EPA, Airports Council International – NA, Anchorage, Vancouver B.C., Sea-Tac, Portland, San Francisco, Oakland, LAWA, San Mateo, San Jose, San Diego, Denver, Tuscon, Salt Lake City.

# AIRPORT RECYCLING CONSORTIUM

- Identified Best Practices for deplaned waste
  - Three waste streams- glass, mixed paper and plastic and aluminum beverage containers
  - Challenge- each airport has different regional infrastructure, tipping fees
- Group report “*Developing and Implementing an Airport Recycling Program*” published by the EPA.
  - See EPA Website – ‘Recycling on the Go’ for more information:  
<http://www.epa.gov/recycleonthego/>

# OTHER WAYS SEA-TAC IS GOING GREEN

- Environmental Strategy 5 Year Plan
- Environmental Outreach and Education
- Greenhouse Gas Management Strategy
- Clean Vehicle Program
- [www.portseattle.org](http://www.portseattle.org)

