



# AIRPORT FUTURES

CHARTING A COURSE FOR PDX

## MASTER PLAN FACILITY PLANNING CRITERIA

- Preserve Flexibility/Options
  - a. Multi-modal - preserve/enhance premium LRT access to terminal, all modes
  - b. Adaptability – preserve ability to respond to changes in requirements/emerging technologies (i.e. mode split changes, smaller cars, alternative fuels, new multi-party modes, changes in passenger processing)
- Minimize Impacts – natural resources, air quality, water quality, greenhouse gas emissions
- Maximize land use efficiencies
  - a. Clustering of like uses/dependent uses
  - b. Compact development form
  - c. Prioritize redevelopment over new development
- Maximize operational efficiencies
  - a. Maximize shared/common use opportunities
  - b. Where possible substitute operational solutions (i.e. demand management) for new facilities
  - c. Minimize congestion
  - d. Customer service - simplify passenger way finding, minimize mode changes and travel distances within the terminal environment
  - e. Maximize the utilization of existing facilities
- Maximize Effective Phasing
  - a. Minimize construction impacts to public
  - b. Reasonable increments of expansion
  - c. Financially feasibility
- Comply with FAA airport design criteria (height restrictions, tower line-of-sight, aircraft movement)