



OVERVIEW OF SUSTAINABILITY PACKAGE

Informational Briefing

Planning Advisory Group Meeting #19
November 17, 2009



AIRPORT FUTURES

CHARTING A COURSE FOR PDX

AGENDA

Overview of Sustainability Package

- Vision & Values
- Guiding Principles
- Key Goals (draft)
- Facility Planning Objectives
- City Sustainability Policy
- Ongoing PDX Advisory Committee

PAG Discussion

Next Steps



INFORMATION/ACTION: KEY QUESTION

- Acknowledging on-going work to define the Noise Study Work Plan and complete the Natural Resource Inventory and Analysis,
- What advice to you have for the Master Plan Alternatives/Sustainability Subcommittee for their ongoing work on the following elements?
 - Vision & Values
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 - Sustainability Report Contents (Outline)
 - OPIS Sustainability and Charter Amendments



SUSTAINABILITY PYRAMID

VISION AND VALUES



Airport Futures Planning Advisory Group Vision and Values

Our **vision** is a PDX Master Plan and a City of Portland Land Use Plan that:

- 1 Allows the **City** to address the complex issues associated with PDX and their potential impacts,
- 2 Provides the **Community** with a greater opportunity to influence airport planning and development, and
- 3 Provides the **Port** with flexibility to respond to changing circumstances in airport development.

Sustainability is an overarching goal of this project. Sustainability means meeting the Region's air transportation needs without compromising the livability and quality of life for future generations. In this planning process, we will transparently explore and make recommendations that **fairly, realistically and optimally balance** the following **values and goals**:



In doing so, our **recommendations** will:

- 1 Balance and sustain economic, environmental, and social interests;
- 2 Integrate other local and regional planning efforts into Airport Futures planning and vice versa;
- 3 Provide long-term public involvement process with opportunities for meaningful public engagement and a voice in aviation development; and
- 4 Provide system to measure and track success and share results with public.

* Avoid/minimize/mitigate means: first, avoid; if not, minimize and mitigate where adverse impacts cannot be avoided.

SUSTAINABILITY PYRAMID

GUIDING PRINCIPLES



1. Generational Fairness and the Triple Bottom Line
2. Community
3. Measure Progress
4. Stay Ahead of the Curve
5. Balance
6. Reduce, Reuse, and Recycle/Avoid, Minimize, Mitigate
7. Continuous Learning & Education
8. Equity
9. Leadership Now
10. Accountability



SUSTAINABILITY PYRAMID

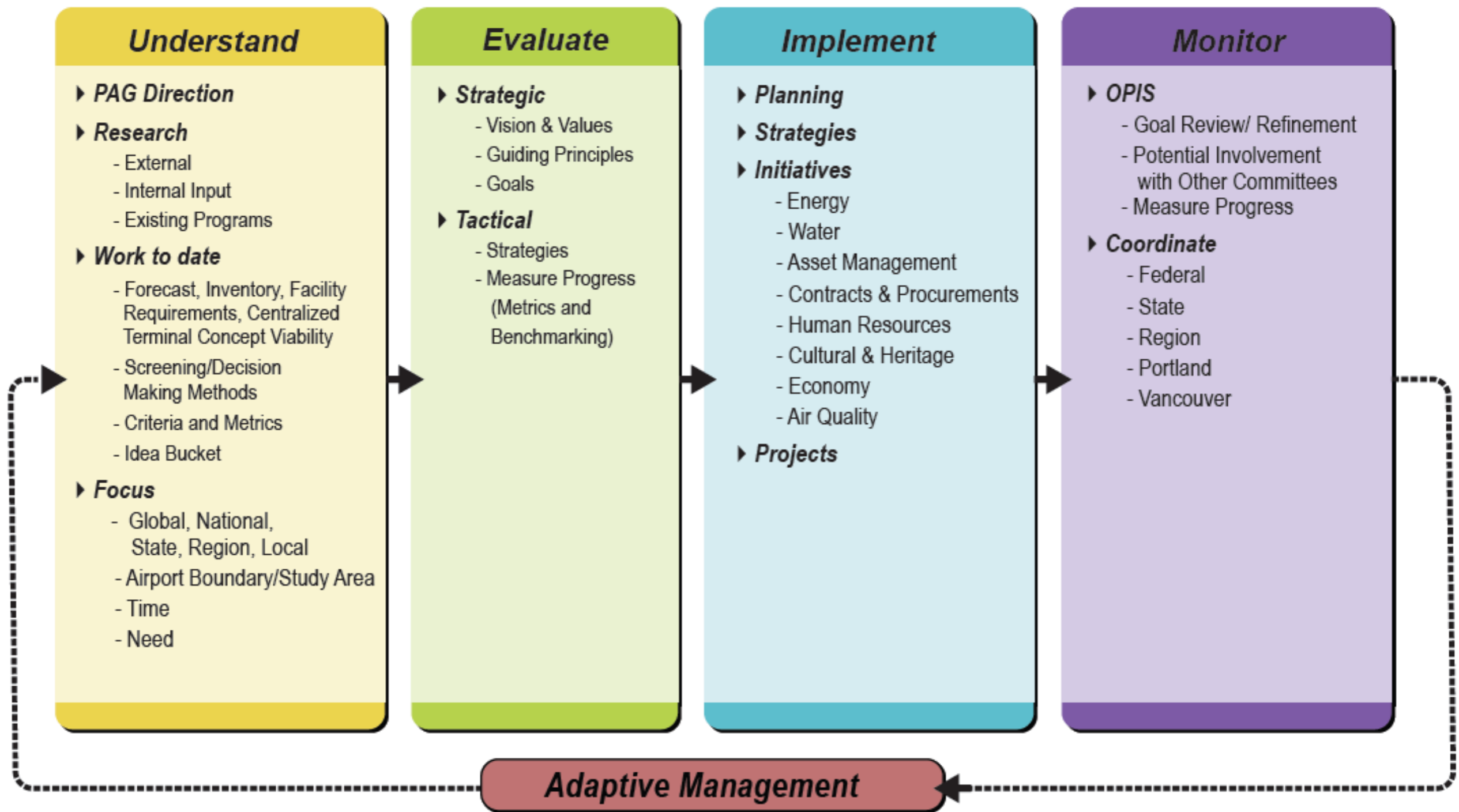
KEY GOALS



- Transition from strategic to tactical
- Key priorities
- Hand-off for future work by City, Port and OPIS
- Commitment to Guiding Principle #3: Measure Progress
 - Establish & track clear, measureable goals
 - Performance measures
 - Metrics/benchmarks



SUSTAINABILITY PROCESS OVERVIEW



SUSTAINABILITY PYRAMID

SUSTAINABILITY FACILITY PLANNING OBJECTIVES AND CONSIDERATIONS FOR FUTURE PROJECT DEVELOPMENT



- Preserve Flexibility/Options
- Minimize Impacts
- Maximize land use efficiencies
- Maximize operational efficiencies
- Maximize Effective Phasing
- Address FAA airport design criteria



EXAMPLE – TACTICAL

ADAPTIVE MANAGEMENT

2008-2009 Environmental Objectives and Targets Results



Objective:

Reduce Energy Consumption and Purchase Electric Energy from Sustainable Sources

Incomplete Target:

- The Port targeted two energy audits for the year and a total energy reduction of at least 500,000 kilowatt hours through new projects with a payback of less than four years. Both energy audits were completed, and upgrades at the PDX Central Utility Plant will save approximately 350,000 kwh per year. An additional upgrade at the terminal has a projected savings of 53,000 kwh, leaving the Port just shy of the 500,000 kwh goal.

EXAMPLE – TACTICAL

ADAPTIVE MANAGEMENT

2009-10 Objectives and Targets



Reduce Energy Consumption and Purchase Renewable Energy

FY 2009-10 Targets:

- Reduce energy consumption across all Port facilities by at least 500,000 kilowatt-hours per year.
- Evaluate the feasibility of purchasing 100 percent of all Port electric energy from renewable sources by using cost-effective options in the energy market by July 2010.



CITY LAND USE PLAN

SUSTAINABILITY POLICIES

GOAL 1 METROPOLITAN COORDINATION

1.6 Portland International Airport


“...the most sustainable airport in the world by 2035”


GOAL 11 PUBLIC FACILITIES

11.65 Partnerships

“airport facilities support the City’s and the Port’s sustainability goals and policies...”

**Comprehensive Plan
Goals and Policies**




CITY OF PORTLAND, OREGON
BUREAU OF
Planning

Adopted October 1980
Includes Amendments Effective Through July 2006

ONGOING PDX ADVISORY COMMITTEE

SUSTAINABILITY FOCUS IN FRAMEWORK

- Its **mission** will be to:
 - Support meaningful public dialogue and engagement on airport related planning and development;
 - Provide an opportunity for the community to inform the decision-making related to the airport of the Port, the City of Portland and other jurisdictions/organizations in the region; and
 - Raise public knowledge about the airport and impacted neighborhoods.
- A key focus of the committee will be a review of where the airport and region are in assuring a gateway for the region that supports economic and environmental vitality, and neighborhood livability. *(potential refinement to ensure consistency)*



ONGOING PDX ADVISORY COMMITTEE

SUSTAINABILITY FOCUS IN FRAMEWORK

- **Scope/Purview** is defined as OPIS's charge and the specific areas of focus for OPIS.
- OPIS will have a broad Scope/Purview focused on five functional areas as outlined below.
- Refinement of the Scope/Purview may occur as part of the annual evaluation/retreat with agreement by Sponsors.

Sustainability *(potential refinement to ensure consistency)*

Based on PAG recommended sustainability guiding principles:

- Evaluate sustainability of projects proposed for development
- Monitor PDX sustainability results, lessons learned, plan adjustments, and new initiatives (adaptive management/continuous learning)
- Refine and develop PDX sustainability goals proposed by PAG, and other strategies, initiatives, and projects
- Monitor sustainability efforts at the global, national, state, and local levels, both within and outside the aviation industry, to influence policy and better inform planning and development decisions (at all levels)
- Refine and develop sustainability policies and concepts based on evolving understanding of sustainability



ONGOING PDX ADVISORY COMMITTEE

SUSTAINABILITY FOCUS IN WORK PLAN

Suggested Meeting Agenda

- Welcome, Introductions
- Adoption of Meeting Notes
- Business Update - Port
- **Sustainability Report – Port/City**
- Construction Project Update – Port/City
- Long Range Planning – Port/City
- Special Focus Topic
- Roundtable on Community Engagement and Activities - All
- Public Comment
- Closing



SUSTAINABILITY PYRAMID

GUIDING PRINCIPLES - DISCUSSION



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SUSTAINABILITY PYRAMID

KEY GOALS - DISCUSSION



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NEXT STEPS

- 12/2 Master Plan/Sustainability & Land Use/Transportation Subcommittee meeting – sustainability discussion
- 1/19 PAG meeting - action on sustainability package
- Sustainability Report Contents
- December – Noise & Natural Resources Work



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