



SUSTAINABILITY UPDATE

INFORMATIONAL with PAG ACTION

Planning Advisory Group Meeting #14
April 21, 2009



AIRPORT FUTURES

CHARTING A COURSE FOR PDX

AGENDA

- Key Questions and Actions
- Sustainability Plan Framework
 - Strategic
 - Vision and Values
 - Guiding Principles
 - Goals
 - Technical
 - Strategies, Initiatives & Projects
 - Adaptive Management
- Sustainability Process
 - Understand
 - Evaluate
 - Implement
 - Monitor
 - Adaptive Management
- Discussion
- Next Steps
- Schedule



INFORMATION AND PAG ACTION

- Acknowledging we have more work to do on the guiding principles and example goals, does the Subcommittee agree that we have the right process for moving forward?



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. Triple Bottom Line
2. It Takes a Village
3. Charting Progress
4. Stay Ahead of the Curve
5. Balance
6. Resource Efficiencies
7. Continuous Learning
8. Equity
9. Leadership
10. Accountability



SUSTAINABILITY PYRAMID

VISION & VALUES: ENVIRONMENTAL



- **Vision & Value**
 - Avoid, minimize, mitigate greenhouse gas emissions and prepare to adapt to climate change
 - **Guiding Principles** – All apply
 - **Goal**
 - PDX controlled airport operations will achieve carbon neutrality by 2035
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- **Strategies, Initiatives, Projects**
 - Double the renewable energy purchased from 10% to 20% by 2010.
 - Conduct two energy audits
 - Evaluate cost-effective options in energy market for increasing renewable energy purchases up to 100%
 - **Adaptive Management**
 - Report annual percentage renewable power purchased
 - Report results of RPF for increasing renewable power purchased



SUSTAINABILITY FRAMEWORK

VISION & VALUES: SOCIAL



- **Vision & Values**
 - Address community impacts and concerns about PDX growth
- **Goal**
 - Engage stakeholders to insure transparency, understanding, input opportunities and accountability in airport decisions and provide for continuous improvement on our commitment to sustainability.

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- **Strategies, Initiatives, Projects**
 - Sponsors define staff and resources committed to OPIS
 - Sponsors appoint membership to OPIS
 - Hold first OPIS meeting by end of 2010
 - **Adaptive Management**
 - Regular meeting evaluations
 - Annual OPIS evaluation



SUSTAINABILITY FRAMEWORK

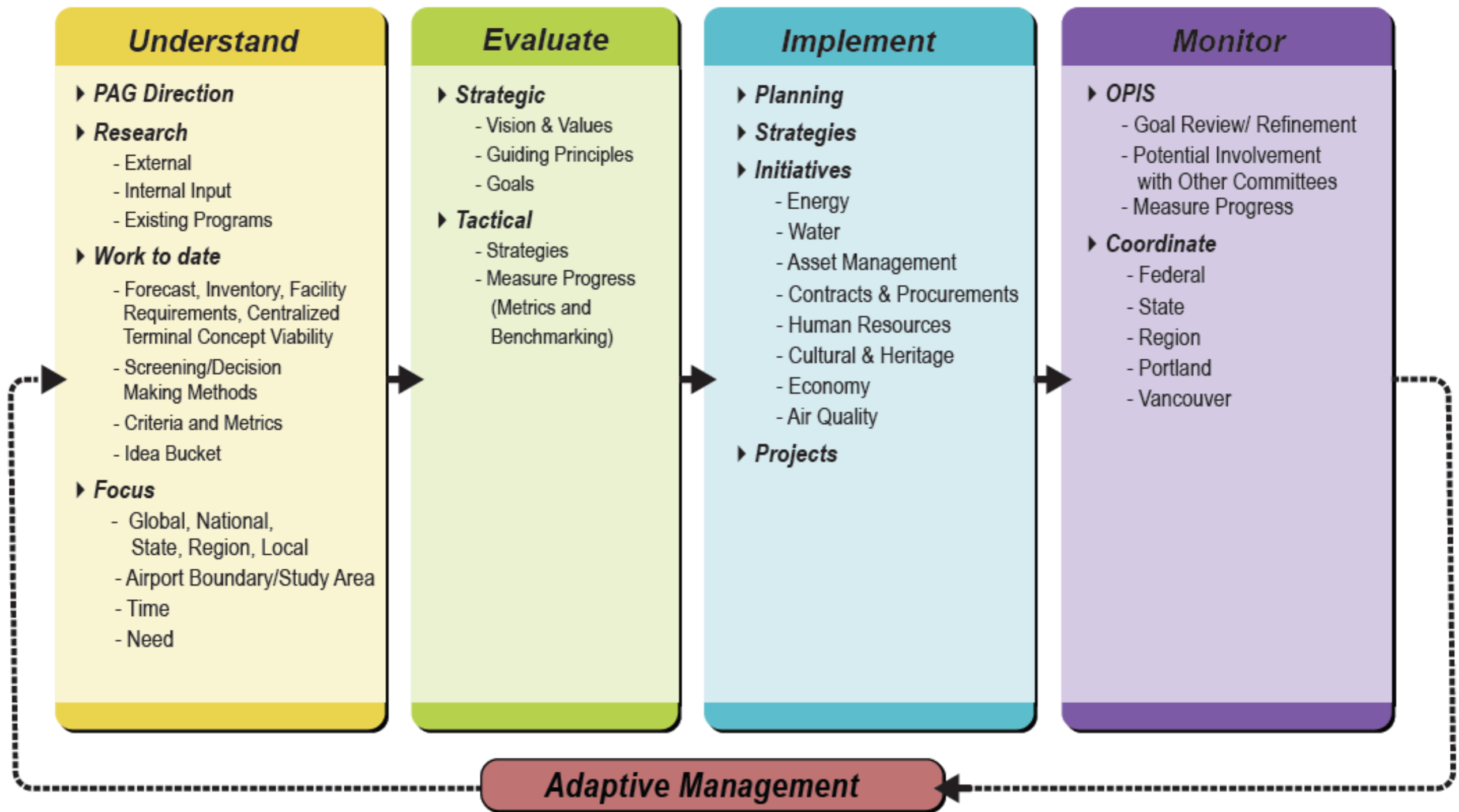
VISION & VALUES: ECONOMIC



- **Vision & Values**
 - Ensure economic feasibility of Master Plan and Land Use Plan
 - **Goal**
 - Develop, adopt and maintain an airport master plan that can be effectively phased to balance operating and capital costs in a way that keeps PDX cost competitive.
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- **Strategies, Initiatives, Projects**
 - Manage airlines operating and capital costs and develop future cost targets that keep PDX cost-competitive and positioned to retain existing air service.
 - Maintain AA- bond rating
 - **Adaptive Management**
 - Track cost per enplaned passenger/compare to other airports annually



SUSTAINABILITY PROCESS OVERVIEW



SUSTAINABILITY ROADMAP

Theme	Functional Area	Subarea	Sustainable Approach	Actions	Level of Control	Barriers	Solutions to Barriers
Air Quality/Greenhouse Gases	The Port currently has an air quality program and maintains an annual emissions inventory/greenhouse gas emissions inventory. Air quality program insures compliance with state and federal regulations and strives to reduce emissions and fuel use.	Air quality programs will need to achieve greater reductions in emissions to keep pace with growth to maintain existing or reduce greenhouse gas emissions.	Establish short and long-term goals to reduce GHG emissions for emitters under Port control. Establish short and long-term goals to reduce GHG for emitters that can be influenced by Port policy or programs.	Many actions listed under other subareas (airfield, ground transportation, utilities). A potential action not included in the other areas is the idea of a carbon offset surcharge that could be used to fund local natural resource initiatives intended to off-set the effect of carbon emissions. The Port should consider setting a target for greenhouse gas emission reductions.	The Port has direct control of emissions related to facilities, Port fleet, shuttle buses, employee commuting as well as the ability to influence generators of emissions including aircraft operations and ground access vehicles, ground service equipment.	Although considerable progress has been made to improve fuel efficiency, aircraft operations still account for the majority of airport greenhouse gas emissions.	Continued efforts to improve aircraft engine technology, alternative fuels, air traffic control and aircraft navigation. Alternative long distance transportation such as high speed rail.



NEXT STEPS

- Review Guiding Principles and Example Goals
 - PAG Assignment
 - Subcommittee Refinement
- Finalize and adopt Guiding Principles
- Adopt Key Social, Environmental and Economic Goals
- Evaluate 50% Master Plan
- Evaluate 75% Master Plan – Final Sustainability Check




PAG Questions and Discussion



City of Portland Bureau of
Planning and Sustainability



 **PORT OF PORTLAND**
Possibility. In every direction.

PAG ACTION

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