

# JUNEAU INTERNATIONAL AIRPORT

## Sustainability Master Plan

November 13, 2014

ATTACHMENT #1



## Project Vision and Focus Area Workshop



# Purpose of This Meeting

- Understand airport planning considerations
  - Operations
  - Contributions to the Community
  - Sustainability
- Develop an initial mission/vision statement to guide the planning effort
- Focus on elements of sustainability

# Sustainability Master Plan

## Scope of Work

*“An updated long-term vision for the airport within the framework of an airport master plan is desired. This vision should include elements to balance economic, social, and environmental sustainability integrated throughout the document.”*

Juneau Airport Sustainability Master Plan RFP Scope of Work

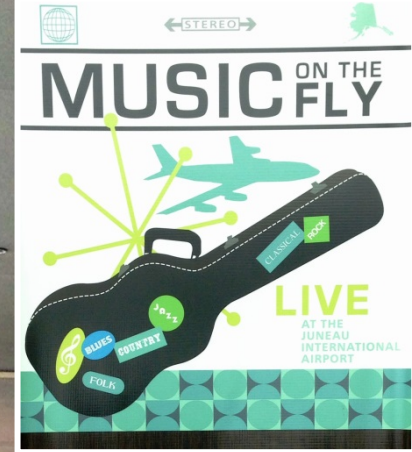
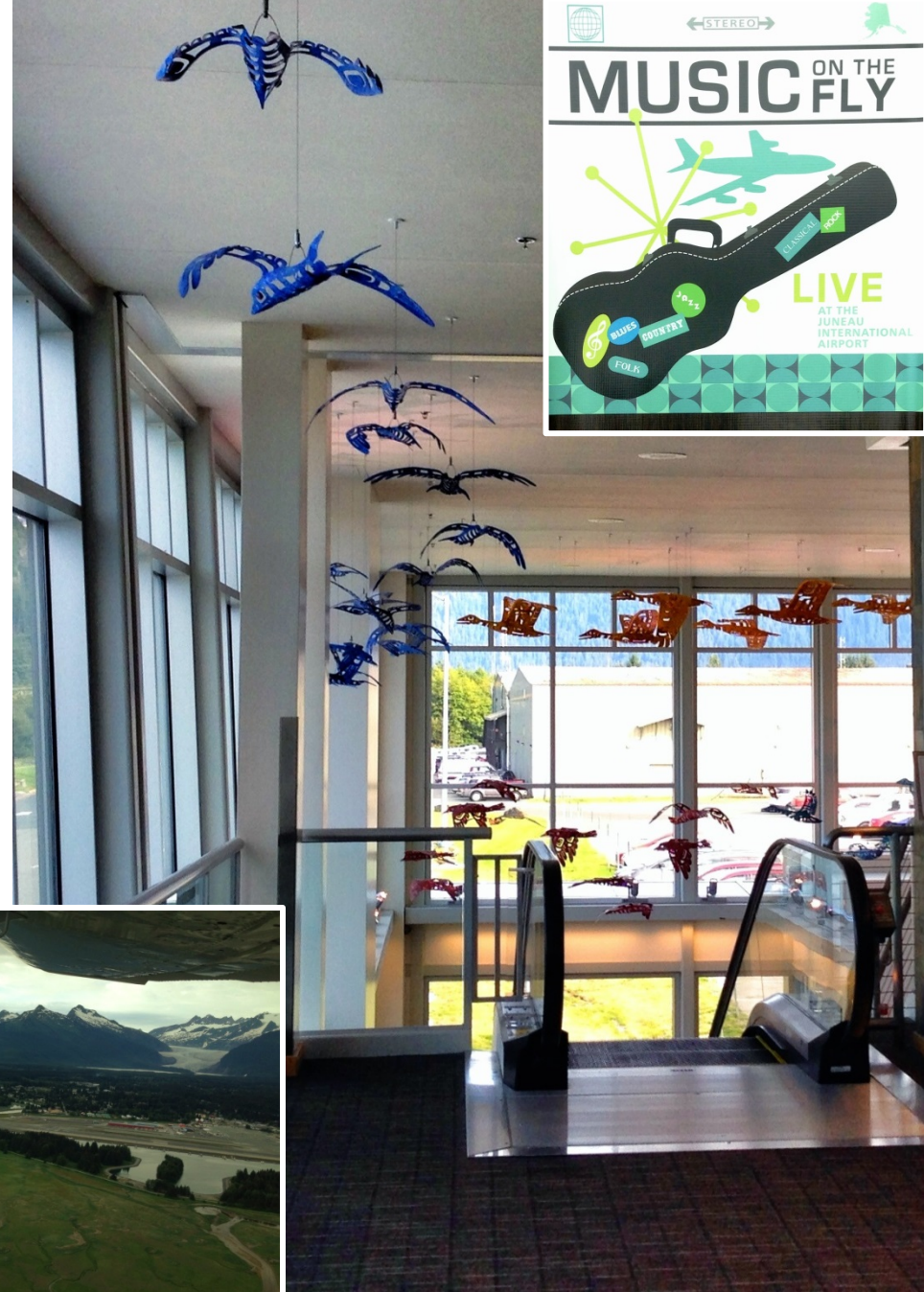
# Operational Efficiency and Safety Considerations

- **Safety**
  - Comply with FAA standards
- **Maintain a high customer service level**
  - Airfield efficiency
  - Terminal services
  - Equitable treatment for tenants and users
- **Fiscal responsibility**
  - Match development to demand
  - Don't build for peaks
- **Facility stewardship**
  - Leave a better airport for the future



# Community Pride

- Gateway to Alaska's Capital
- Celebrate art and Southeast aviation
- Dike trail - best place to walk in town!
- Cutting edge E°
- Coming home...



# Airport's Role as an Economic Engine Better Recognized, Enhanced

- Jobs and payroll
- Passengers - local, regional, and visitors
- Business purchases and capital investments
- Airfield leases, businesses and tenants
- Medical, military, mail, fish, and cargo



# Key Aspects of Sustainability



# Sustainability: A Definition for Airports

- “A holistic approach to managing an airport so as to ensure the integrity of the Economic viability, Operational efficiency, Natural resource conservation and Social responsibility (EONS) of the airport”
  - Sustainable Aviation Guidance Alliance (SAGA)



# Airport Sustainability – What it looks like



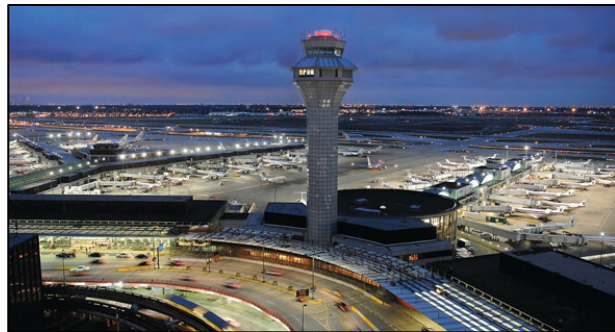
Landside and Airside green building projects

Renewable energy projects

Sustainable Master / Management Plans



Energy efficiency programs



Environmental Management Systems (ISO 14000)



# How mission and vision statements fit into the planning process



# Difference Between a Mission and Vision Statement

- A mission statement lays out the organization's "purpose for being."
- A vision statement then says, "based on that purpose, this is what we want to become."



## Palmer Municipal Airport

**Mission:** The Palmer Municipal Airport mission is to provide a safe, efficient and customer-focused airport to serve aviation needs in the South-central region of Alaska, and continue to expand aviation related businesses on the airport. Be self-sustaining and an economic development hub for the City of Palmer, and provide quality services to residents.

# Sample Airport Vision and Mission Statements



## Fairbanks International Airport

**Our Mission: *“Providing Interior Alaska’s Gateway to the World”***

### **We Are Committed To:**

- Safety – first and last
- Uncompromising honesty, integrity and accountability
- A respectful, positive, solution-oriented, team-centered workplace
- Treating employees as our most valuable asset
- Fostering a pioneering, innovative, and creative spirit
- Serving and exceeding expectations

# Sample Airport Vision and Mission Statements

## Ted Stevens Anchorage International Airport

- **Safety:**  
Maintain or enhance the safe operation of the Airport.
- **Efficiency:**  
Maintain or enhance the efficient operation of the Airport.
- **Environmental Awareness:**  
Minimize the impact of airport development through environmental sustainability.
- **Fiscal Sustainability:**  
Enhance the long-term fiscal sustainability of the Airport.
- **Land Management:**  
Facilitate long-term Airport development through strategic land management planning.
- **Communication:**  
Engage stakeholders through open communication.



## Dallas/Fort Worth International Airport

**Vision:** Connecting the World

**Mission:** Provide our Customers outstanding facilities and services, expanding global access and economic benefits to those we serve.

**Policy:** The Board will strive to continually improve its performance in economic, environmental, and social stewardship by supporting the tenants of sustainability as defined by the Brundtland Commission and Triple Bottom Line concepts.

## Hartsfield-Jackson Atlanta International Airport

### **Vision**

To be a global leader in airport efficiency and customer service excellence.

### **Mission**

Our mission is to provide the Atlanta region a safe, secure and cost-competitive gateway to the world that drives economic development, operates with the highest level of customer service and efficiency, and exercises fiscal and environmental responsibility.



## Indianapolis Airport Authority (IAA)

### Vision

IAA's vision for the future is to:

- Achieve national and international recognition by being excellent in all areas of operational and financial performance.
- Maximize utilization and continued development of airport assets to grow aviation and non-aviation business
- Create a diverse, forward-thinking, and innovative organization with the work-force structure and skill sets needed to achieve its mission

### Mission

Sustain and enhance a safe, customer-friendly, and competitive aviation-based transportation system that supports and improves quality of life and economic development in central Indiana and the surrounding region.

# Sustainability in Juneau Vision Statements

## Juneau Comprehensive Plan:

“To achieve the vision, the CBJ followed these principles in formulating its Comprehensive Plan:

- **A balanced economy.** Ensure a balanced, sustainable and diverse economy, actively encouraging employment opportunities for residents of all levels and ages that provide a livable wage and a dependable municipal tax base.
- **Natural resources.** Highlight and protect our scenic beauty, protect our streams and fish and wildlife habitat and foster the sustainable use of our natural resources.
- **A balanced community.** Ensure a balance between natural resource protection and the built environment, the efficient provision of infrastructure and goods and services, and housing affordable to all income levels.
- **Mobility.** Provide an accessible, convenient and affordable transportation system that integrates vehicle, vessel, rail and aircraft transport with sustainable and innovative transportation options—including convenient and fast public transit service, particularly for commuters to work, and bicycle and pedestrian networks throughout the community.
- **Involved citizenry.** Solicit resident participation and leadership in implementing the Plan policies and actions from all sectors of the community, encouraging mutual understanding and cooperation.”

## Juneau International Airport Master Plan:

The primary objective of the planning process is to produce a long-term development program which yields a **safe, environmentally acceptable, efficient, and economical air transportation facility for the community.**

# Exercise 1 – Define the Mission

- General Guiding Principles
  - Concise
  - Outcome oriented
  - Inclusive



# Exercise 2 – Define the Vision

- Future-oriented declaration of the airport's purpose and aspirations.



# Exercise 3 - Identify Sustainability Focus Areas



# Economic: (EONS: Economic viability)

- Economic Performance
  - Direct economic value generated
- Indirect economic impacts
  - Local economy
  - Quality of life
- Procurement practices
  - Environmentally preferred or sustainability procurement policy
  - Emphasis on local products and businesses
- Other

# Operational: (EONS: Operational Efficiency)

- Cost control
  - Cost saving measures
  - Energy efficiency
- Operations and maintenance
  - Equipment maintenance
- Service quality
  - Customer service improvement
- Business continuity and emergency preparedness
  - Climate change vulnerability / adaptation
  - Infrastructure resiliency
- Other

# Environmental: (EONS: Natural Resource Conservation)

- Materials
  - Recycling and waste volumes
  - Recycling / compost program
- Energy
  - Electricity, heating, cooling, steam use
  - Fuel use
  - Renewables (e.g., geothermal)
  - Energy efficiency
- Water
  - Surface and stormwater management
  - Water use reduction
  - Water reclamation / harvesting
- Biodiversity
  - Wetlands
  - Stream water quality
  - Wildlife area
  - Endangered species
  - Landscape maintenance (e.g., low-impact or IPM)
- Other



# Environmental: (EONS: Natural Resource Conservation)

- Emissions
  - Direct / indirect greenhouse gas inventory
  - GHG reduction initiatives
- Effluents and waste
  - De-icing
  - Contaminated sites
  - Fuel/HazMat management
- Transport
  - Ground transportation for passengers, staff, visitors, and suppliers
  - Fleet management
  - Public transportation
  - Accessibility of airport for community and customers
- Inter-modality
- Optimizing use of several means of transport
- Noise
- Other

# Social: (EONS: Social responsibility)

- Employment
  - Labor/Management Relations
- Occupational Health and Safety
  - H&S committees
  - Education, training, counseling, prevention and risk control programs
- Training and Education
  - Training and skills management programs
  - Performance and career development reviews
- Diversity and Equal Opportunity
  - Diversity in governance bodies
- Alaska Native communities
  - Community relations and engagement
- Local communities
  - Community engagement and development
- Customer health and safety
  - H&S committees
  - Incident management program
- Other

# Next Steps in the Planning Process