

VISION



sustainability

trusted with tomorrow

COLLABORATION

COORDINATION

COMMUNICATION



COST COMPETITIVE

OPERATIONAL
EXCELLENCE

CUSTOMER
SATISFACTION

EMPLOYEE
ENGAGEMENT

Dallas/Fort Worth International Airport (DFW) recognizes that applying sustainability principles throughout our organization plays a critical role in achieving our goals to **keep DFW cost competitive, create customer satisfaction, deliver operational excellence and foster employee engagement**. Building on our Beliefs, DFW strives to integrate sustainable thinking into all aspects of our day-to-day activities to strengthen our commitment to our airport, our people, our community, and our environment. Understanding we are a part of a greater whole within our industry and community, we will work collaboratively with our stakeholders and partners to implement the innovation and change necessary to protect our natural resources and allow future generations to thrive.

Our Sustainability Mission

Newark-Liberty International Airport (the Airport) is a critical transportation hub for the New York-New Jersey metropolitan area and the nation; the Port Authority of New York and New Jersey (the Port Authority) is dedicated to integrating sustainability principles and practices into the Airport's long-term business strategy and day-to-day operations. Building on its past achievements in sustainability, the Port Authority will seek a holistic management approach to enhance: (1) the Airport's operational efficiency, safety and economic viability; (2) regional economic growth; (3) the conservation and conscientious use of natural resources; and (4) our social responsibilities to our local and regional communities. The Port Authority will continue to support local, state, and regional efforts to improve sustainability and meet our mission for the Airport.

Our Sustainability Guiding Principles

- Improve operational efficiency** of the Airport and airspace by working with the airlines and Federal Aviation Administration to reduce aircraft delay and associated environmental impacts, by implementing infrastructure improvements and technologies to support airport, aircraft, and airspace operational enhancement;
- Support our tenants** in their pursuit to improve sustainability performance by participating in activities aimed at reducing environmental impacts and enhancing efficiency and customer satisfaction;
- Build resiliency** in our facilities, infrastructure, and operations through managing our assets proactively, encouraging proactive management of tenant assets, considering site-specific climate change impacts, and working with regional partners on adaptation and resiliency initiatives;
- Reduce our contribution to climate change** by striving to meet our greenhouse gas emission reduction targets;
- Advance the sustainable design and construction program** for Port Authority and tenant Airport building and infrastructure projects, to reduce environmental impacts and enhance resource conservation;
- Emphasize education and training** for our employees to support their health and well-being;
- Support the creation** of local and regional jobs and new and emerging businesses through existing and new partnerships;
- Support the development** of emerging technologies and new market solutions that foster sustainable innovation, including partnering on product trials and supporting industry research;
- Build on our achievements** in energy management, sustainable procurement, and alternative surface transportation modes and fuels and improve our performance in other areas, including solid waste reduction and recycling, stormwater management, and stakeholder communication;
- Expand the use of life cycle cost** analysis to ensure there is a viable business case behind our decision-making; and
- Become a national model** for commercial airports by successfully incorporating sustainability into our business model to improve financial efficiency, stimulate the regional economy, advance our environmental stewardship, and enhance our commitments and support to the community and our tenants.

Sustainability Mission Statement

The VHB Team coordinated with MNAAC staff and its Sustainability Committee to develop a sustainability policy/mission statement that is consistent with MNAAC's overall airport mission statement. The mission statement has provided the context for

MNAAC's approach to sustainability and was considered when developing sustainability goals and objectives for this plan. The Sustainability Committee developed the following sustainability mission statement:

To sustain the heartbeat of the Mid-South by cherishing its resources to ensure Music City keeps flying high

BNA's Sustainability Committee: Guiding the Sustainability Planning Process

MNAAC's Sustainability Committee aided in forming the context for sustainability at BNA and identified key issues for consideration in the sustainability study, such as:

- Management's commitment to sustainability.
- Integration of other management plans and policies into the sustainability framework.
- Identification of relevant focus areas for sustainability goals and objectives.



A photograph of the Chicago Department of Aviation tower and terminal building. The tower is a tall, cylindrical structure with a curved top section, made of light-colored metal panels. The terminal building is a long, low-profile structure with a dark facade and many windows. The sky is blue with scattered white clouds.

vision

“Chicago is leading a movement to transition towards airport sustainability worldwide. Together with our peers, we have taken ownership of the opportunities before us to reduce our environmental impact, while helping to position the aviation industry for future growth.”

Commissioner Rosemarie S. Andolino, Chicago Department of Aviation

CDA embraces the best possible environmentally, socially and economically responsible practices at our Airports. CDA’s Sustainable Path supports our vision to maintain our competitive position as a global aviation hub for the 21st century. CDA plays a crucial role in the City’s objective to advance environmental and economic prosperity for Chicago and the region, and we have aligned our vision to mutually benefit our Airports and Chicago as a whole. Our vision complements and promotes the City of Chicago’s Sustainable Chicago 2015 Action Agenda.

As part of this Sustainable Management Plan (SMP), we are increasing our focus on the social, economic, and environmental aspects of growing and maintaining the Airport sustainably. It is our intent to conduct an inclusive, efficient, and focused SMP process. The SMP will seek to build partnerships with various public groups, work with stakeholders invested in the future of ATL, and enhance our focus on growth compatible with the surrounding community through guiding principles that address economic stability, environmental sustainability, and social responsibility.

FIGURE 2-2: ATL'S SUSTAINABILITY GUIDING PRINCIPLES

Maintain a balanced and integrated approach for all future development and management by ensuring:

Economic Stability

- Prioritize future investments based on life-cycle analysis and total cost of ownership.
- Preserve the Airport's financial health through proactive and cost-effective solutions.

Environmental Sustainability

- Identify and mitigate environmental impacts associated with the airport operations above and beyond the environmental compliance requirements.
- Integrate environmental sustainability in the decision-making process.

Social Responsibility

- Ensure compatibility with surrounding communities.
- Enhance stakeholder engagement.
- Promote a people-oriented work environment.



Los Angeles World Airports
Global Leader in
Airport Sustainability

Los Angeles World Airports *Sustainability Vision and Principles*

Our Sustainability Vision As the international gateway in our region, Los Angeles World Airports is committed to setting the global airport standard for customer satisfaction and security, regional economic leadership and organizational performance. Building on our core values, we will engage our employees, tenants, customers, and communities in an effort to continually improve our environmental, economic and social performance.

Our Sustainability Principles We will foster stewardship and continual performance improvement at all levels within LAWA's organization by complying with applicable legal requirements, integrating sustainable practices into our operations and administrative processes, communicating our endeavors, and following these principles:

Becoming an innovative and national model in implementing environmental solutions.

Taking responsibility for improving our overall operational sustainability.

Increasing our business value through improved sustainable performance.

Engaging our stakeholders to better understand and address their concerns.

Incorporating sustainable design and construction practices in the development of our airport system.

Monitoring and measuring our progress through our sustainability performance improvement management system.

The following are the Vision and Values adopted by the PAG on November 20, 2007:

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**:

Economic	Environmental	Social
Ensure PDX meets passenger and cargo transportation needs of the region	Avoid/minimize/mitigate* aircraft noise on surrounding residential neighborhoods	Address community impacts and concerns about PDX growth
Ensure economic feasibility of Master Plan Update and land use plan	Avoid/minimize/mitigate* greenhouse gas emissions and prepare to adapt to climate change	Avoid/minimize/mitigate* PDX impacts on neighborhood livability
Integrate PDX better into regional transportation system	Avoid/minimize/mitigate* impacts on local and regional air quality	Avoid/minimize/mitigate* traffic impacts in and around airport
Maintain and enhance reputation of PDX as a premier airport	Avoid/minimize/mitigate* water quality impacts to adjacent water bodies and wetlands	Consider regional growth in broader context of Oregon and Washington
Minimize congestion in and around Airport	Protect and restore resources, wildlife habitat, and wildlife populations	Protect human health
Support role of PDX in bi-state regional economy		Provide jobs for local residents
		Provide safe flying experience
		Support goals and economic viability of the neighborhoods

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

- 1) Balance and sustain economic, environmental, and social interests;
- 2) Provide long-term public involvement process with opportunities for meaningful public engagement and a voice in aviation development; and
- 3) Provide system to measure and track success and share results with public.

*Avoid/minimize/mitigate means: first, avoid if possible; if not, minimize and mitigate impacts.



PLANNING ADVISORY GROUP GUIDING PRINCIPLES

Airport Futures Vision and Values recognize the long-term, critical interconnection between economic development, environmental stewardship, and social responsibility. The Port of Portland and City of Portland will use the following Guiding Principles as they work towards assuring PDX and the Airport Plan District become the most sustainable in the world.

Generational Fairness and the Triple Bottom Line	Sustainability is not a choice because the world's resources are finite, calling for their most prudent and conservative consumption. The essence of sustainability is to find a balance between the economic, environmental, and social equity of current and future generations. As the world shifts its emphasis from quantity to quality growth, we need to ensure the resources we consume and the pollution we generate are understood, considered, and balanced with future quality of life needs when making community planning, development, and governance decisions.
Community	Engage and involve our entire community and encourage our citizens to take responsibility for their individual actions to reduce resource use, production of pollution and waste. This requires collaboratively developing solutions that remove barriers and build upon existing private and public efforts to ensure efficient, timely, and complementary results.
Measure Progress	Establish and track clear, measurable goals, both short and long term, that are linked to those of our governmental partners (e.g., 2009 City of Portland and Multnomah County Climate Action Plan), do not default to regulatory minimums, and take responsibility for our proportional share of the problems and solutions without regulatory prompting.
Stay Ahead of the Curve	Supplement traditional regulatory approaches by taking voluntary actions with incentive-based and performance-oriented systems.
Balance	Explore alternative strategies to achieve objectives when current goals cannot be reconciled with future needs. Decisions should be made in consideration of their individual and cumulative economic, environmental and social impacts, and whether they substantially benefit or harm the health of the region for future generations.
Economy	Maintain and enhance PDX as a world class airport that meets the passenger and cargo transportation needs of the region and supports the role of PDX and the surrounding area in the bi-state regional economy.
Reduce, Re-use and Recycle	Use resources (e.g., fossil fuel-derived energy) efficiently and reduce demand, rather than first looking to expand capacity. Commit to the maximum use of existing facilities. Consider alternative methods of managing demand, including the application of emerging technologies, before building new facilities. Prefer options that reduce pollution and waste.
Avoid, Minimize, Mitigate and Restore Impacts to Natural Resources	Where natural resources in special habitat areas or protection areas will be adversely impacted, apply the principles of avoid, minimize, mitigate and restore to ensure we fully mitigate for impacts and contribute to the overall net improvement of wildlife habitat quality, quantity and connectivity within the Columbia Slough Watershed.
Continuous Learning and Education	Emphasize ongoing learning and adaptive management to inform and improve the process continually, consider future generations, and educate the public about goals and what was learned.
Equity	Ensure commitment to equity so impacts and the costs of protecting our resources do not burden unfairly any one geographic, socioeconomic, ethnic, or generational group, particularly those that are disadvantaged.
Leadership	Accelerate, support, and implement innovative programs, projects, and initiatives to maintain and increase our collective leadership in sustainability, including encouraging our partners to use sustainability practices.
Accountability	Using a project management approach, report annually on our results, lessons learned, plan adjustments, and future endeavors to our stakeholders, including the PDX Community Advisory Committee.





City of Asheville's SUSTAINABILITY VISION & GUIDING PRINCIPLES

A consensus-based definition of sustainability and key sustainability principles provide the underlying foundation for the Plan and constitute a vision for Asheville's future. For Asheville, being sustainable means:

“Making decisions that balance the values of environmental stewardship, social responsibility and economic vitality to meet our present needs without compromising the ability of future generations to meet their needs.”

Accordingly, the City of Asheville strives toward sustainability in business strategy, policies and operations, and aims to demonstrate leadership to the community by the following guiding principles:

- Engaging and educating our employees and community about the challenges climate change presents, as well as driving a collaborative process to implement innovative solutions.
- Promoting inter-departmental collaboration for short- and long-term solutions to enhance the City's organizational excellence and financial efficiency.
- Modeling responsible energy management through efforts in energy efficiency and renewable energy generation.
- Addressing climate change through strategic management of our City facilities, transportation resources, water supply, infrastructure, land use planning, and solid waste.
- Supporting continued development of a diverse regional green economy.
- Measuring, monitoring and communicating the City's progress toward a defined goal set.

The City of Denton (City) is committed to improving quality of life, protecting the environment, and creating economic opportunities for its citizens, businesses, and institutions. This Plan is the result of a collaborative effort with our citizens, workers, business owners, institutional leaders and elected officials working to improve our environment, economy, and community. It is a Plan developed by the community for the community.

Sustainability is defined as “meeting today’s needs without compromising the ability of future generations to meet those same needs.” Environmental, social, and economic realities have prompted many communities to assess and consider plans for long-term sustainability. By supporting healthy air and water, transportation alternatives, local food options, economic development opportunities, and safe places to live, work, and play, sustainability planning can help Denton attract and retain residents, businesses, and investments.

Sustainability planning is a long-term, comprehensive approach to decision making that addresses economic, environmental, and social impacts. Sustainability planning aims to build stronger ties throughout the community by addressing multiple issues simultaneously instead of in isolation. Success is measured not only by financial performance (the traditional bottom line) but also by environmental benefit and social responsibility.

Background

While Denton has embraced sustainability concepts for decades, this Plan is the City’s first systematic and comprehensive approach to implementing sustainability improvements throughout the community. Long before sustainability became a current issue, the City worked to protect the environment and enhance citizens’ lives. The roots of environmental management in Denton are deep, and the City’s approach to environmental management aims to balance the protection of natural resources with the economic and social realities of resource utilization.

Historically, sustainability programs in the City of Denton focused primarily on water and wastewater management. However, as regulations became more stringent and far reaching, programs were developed to address land use, sludge management, waste disposal management, air quality, and energy issues. While the impetus for establishing these programs was predominantly regulatory compliance and resource protection, the City recognized the benefits of sustainable management. Today the City’s operations are more focused on balancing the economic, political, and social implications of policies and programs. One of the goals of City officials

and staff is “to encourage and support sustainability projects both internally and externally.” Today, sustainability is a directive of the City Council and has been incorporated into all levels of the City’s strategic planning efforts. This directive continues with the creation and implementation of this Plan.

Vision and Guiding Principles

The City worked with the community to develop a collective vision for a Sustainable Denton to “improve our environment, create economic value, and support and strengthen our community.” The vision forms the foundation of the Plan. Guiding principles were established to support the community’s vision for sustainability:

- Involve the community in developing and implementing the Plan.
- Develop partnerships that encourage collaboration on sustainability issues.
- Promote energy management practices within municipal operations and throughout the community that are efficient and economically sound while reducing emissions.
- Support transportation strategies that reduce air pollution and increase alternative transportation choices.
- Support waste management strategies, including diversion, reuse, recycling, and energy producing disposal options.
- Support green building and sustainable site management within the Denton community through policy implementation, education, and incentives.
- Maintain a diversified power supply portfolio while establishing aggressive energy efficiency and energy conservation programs.
- Commit to the use and purchase of environmentally and socially responsible materials and products.
- Provide high quality drinking water, wastewater treatment, and watershed management in ways that are environmentally and economically sustainable for current and future customers.

Vision for a Sustainable Denton

The City of Denton will be a sustainable community that will engage our employees, businesses, institutions, organizations and citizens in more sustainable practices. We will work in a leadership role to improve our environment, and utilize our resources in ways that are fiscally and socially responsible. We do all of this to protect and restore our environment, create economic value, and support and strengthen our community.