



# Dayton International Airport Sustainability Master Plan



**HIGHLIGHTS**  
OCTOBER 2014

*At the crossroads of innovation and sustainability,  
Dayton International Airport will strive to conserve our natural resources,  
operate efficiently, enhance our passenger experience,  
and serve as a vital asset to Southwest Ohio and beyond.*



## Letter from the Airport Director

The following represents the Sustainability Master Plan for the Dayton International airport.

Implementing a strategy based on Sustainability is necessary to maintain the economic viability of the Airport and the Region as a whole. The Development of our Sustainability Master Plan takes our program to the next level and ensures its success. The Plan is our guide to improving our operations while reducing our environmental impact.

You will find detailed descriptions on what Sustainability means to the Aviation Industry and a prioritized list of initiatives designed to advance our sustainability goals in the areas of Energy Conservation, People, Environmental Stewardship, Sustainable Investment and Resiliency.

We want to thank the many partners who helped us, including the FAA for seeing the value in sustainability and having the foresight to encourage airports to include sustainability in their master planning process.

If we're going to protect the long-term use of airports in an increasingly populated area, we need to be less intrusive and find ways to contribute in a positive way to our surroundings.

Very Truly Yours,

A handwritten signature in blue ink, appearing to read 'Terry Slaybaugh', written over a light blue background.

Terry Slaybaugh  
Director of Aviation



Terry Slaybaugh, Director of Aviation





## Acknowledgments

The consultant team worked directly with the City of Dayton's Department of Aviation, Division of Airport Facilities and Operations staff in the development of this study. The consultant team would also like to thank the following individuals and groups for their valuable input and participation on this project:

- DAY Executive Leadership – Director of Aviation, Terrence Slaybaugh
- DAY Sustainability Committee
- Federal Aviation Administration (FAA) Great Lakes Region and Detroit Airports District Office
- DAY tenants
- Aullwood Audubon Center and Farm, especially Charity Krueger, Executive Director

The Sustainability Master Plan was prepared for the City of Dayton's Department of Aviation by a consultant team led by Vanasse Hangen Brustlin, Inc. (VHB):

Vanasse Hangen Brustlin, Inc	<a href="http://www.vhb.com">www.vhb.com</a>
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## Sustainability Mission Statement, Goals and Objectives

The intent of identifying a mission statement, goals, and objectives is to define DAY's commitment to financial, social, and environmental sustainability. High level goals have been developed for each area of sustainability, supported by objectives that are measurable and specifically designed to help the Airport achieve each goal. These goals and objectives also support the overall vision of sustainability for the Airport.

### Sustainability Mission Statement

A sustainability mission statement was developed to support DAY's vision and guide the Airport's future sustainability focus. This mission statement informed the development of sustainability goals (and ultimately, the objectives); and together, provide a guiding framework for DAY's sustainability program.

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innovation and sustainability,  
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### Sustainability Goals

Based on the information obtained during the baseline assessment and coordination meetings with Airport management, goals were developed to enhance DAY's sustainability efforts for each focus area. The following sustainability goals were developed in support of this Sustainability Master Plan (PRESS):



#### People

DAY will implement actions to enhance the passenger experience and promote the well-being of Airport employees.



#### Resiliency

DAY will embrace regional efforts to implement actions to enhance the Airport's resilience to impacts associated with climate change.



#### Energy

DAY will utilize design and operational techniques to maximize energy efficiency and the use of clean and renewable energy sources.



#### Stewards of the Environment

DAY will play a leadership role in the community by minimizing the Airport's impacts to the natural environment and consumption of natural resources.



#### Sustainable Investment

DAY will engage in sustainable and responsible investment of its land, capital, and human resources to contribute to a thriving regional economy that attracts and retains business partners.



## What is “Sustainability”?

Sustainability has redefined the values and criteria for measuring organizational success by using a “triple bottom line” approach that considers economic, ecological and social well-being. Applying this approach to decision-making is a practical way to optimize economic, environmental and social capital. Consistent with the Airports Council International - North America’s (ACI-NA) definition of Airport Sustainability,<sup>1</sup> DAY is focused on a holistic approach to managing its airport to ensure **E**conomic viability, **O**perational efficiency, **N**atural resource conservation, and **S**ocial responsibility (EONS).

A key principle of sustainability is recognizing that addressing one concern does not necessarily come at the expense of another. Optimally, evaluating a project or activity based on environmental and social concerns will spur innovation that ultimately reduces costs over the life of the project.



Source: Airports Council International - North America’s (ACI-NA)

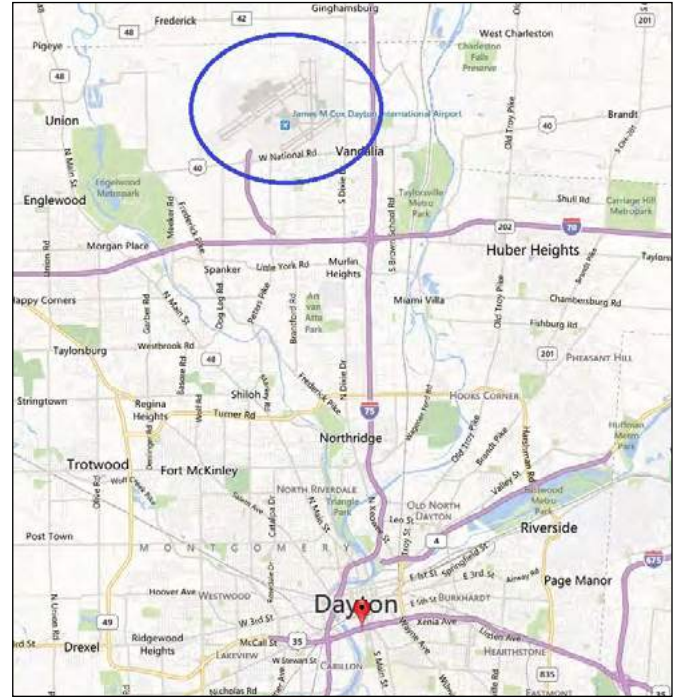
<sup>1</sup> Airport Sustainability: A Holistic Approach to Effective Airport Management; accessed July 17, 2013: <http://www.aci-na.org/static/entransit/Sustainability%20White%20Paper.pdf>



## Airport Profile

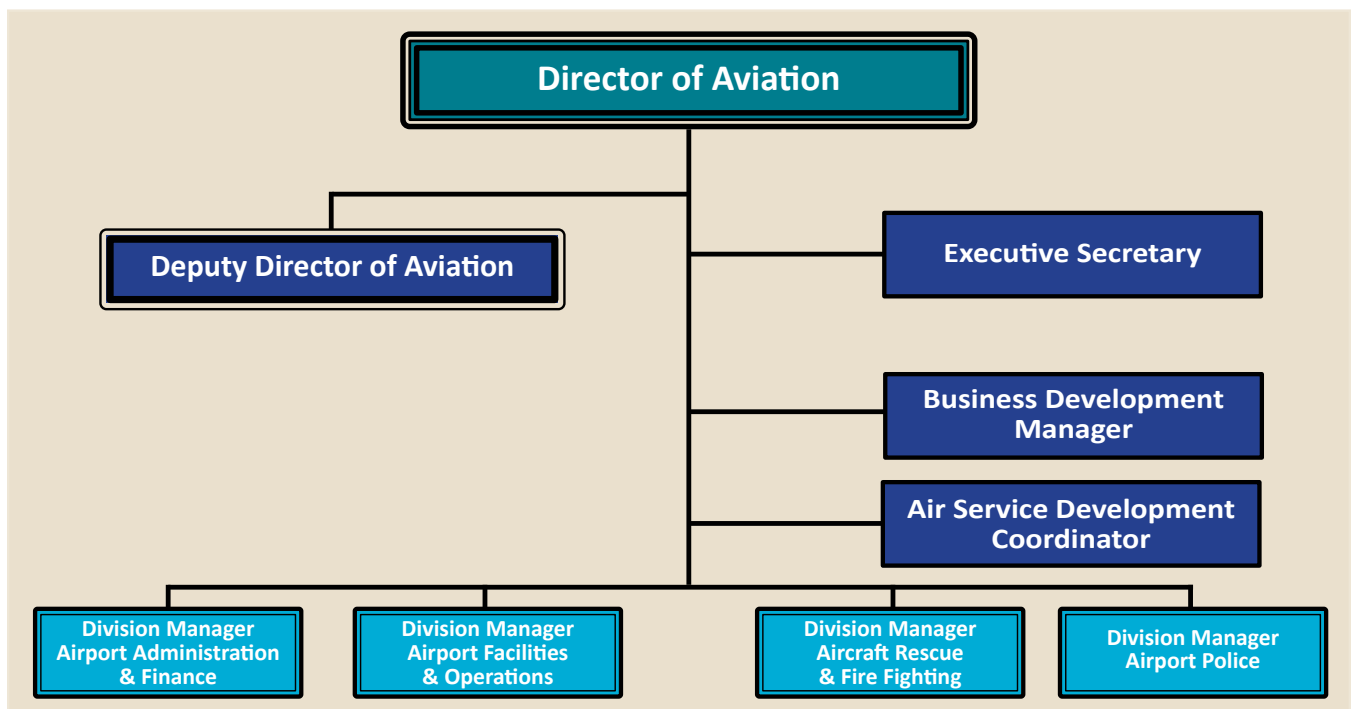
DAY is located at the “crossroads of America” at Interstate 70 and 75 in Vandalia, Montgomery County, Ohio, approximately nine miles north of downtown Dayton, with some property located in Miami County to the north. The Airport is owned by the City of Dayton and operated by the City’s Department of Aviation. The Department of Aviation also operates a general aviation reliever airport, Dayton-Wright Brothers Airport, located 12 miles south of the central business district of Dayton in Miami Township, Ohio, along State Road 741.

The Department of Aviation is led by the Director of Aviation, which reports to the City Manager. In addition to the Deputy Director of Aviation, four Division Managers lead the functional aspects of the Department. There are 135 full-time employees of the Department of Aviation.



### Organizational Chart

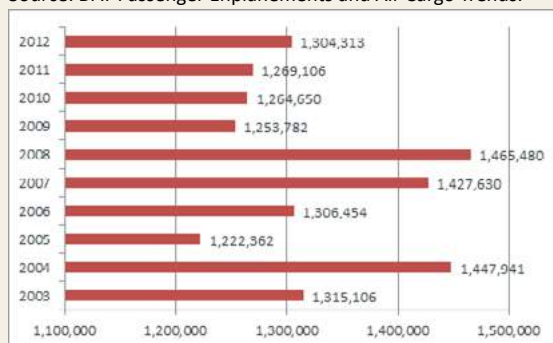
City of Dayton Department of Aviation



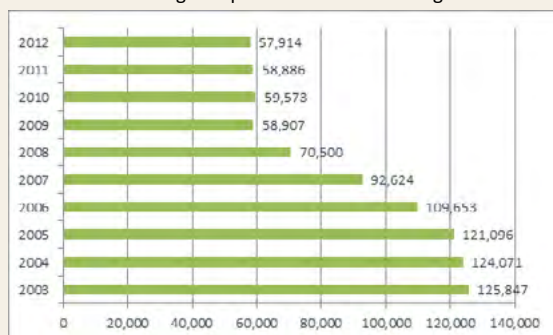


**FIGURE 1-1****DAY Passenger Enplanements**

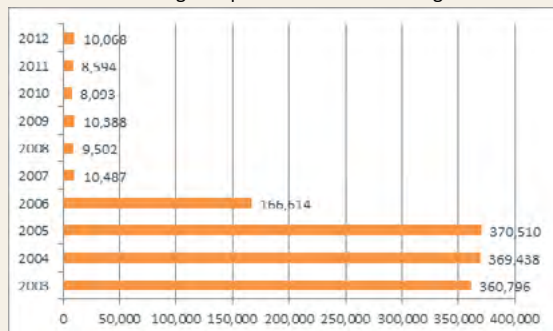
Source: DAY Passenger Enplanements and Air Cargo Trends.

**FIGURE 1-2****DAY Aircraft Operations**

Source: DAY Passenger Enplanements and Air Cargo Trends.

**FIGURE 1-3****DAY Air Cargo (U.S. Tons)**

Source: DAY Passenger Enplanements and Air Cargo Trends.

**Airport Activity Levels**

DAY is the third largest airport in Ohio with a total of 1,304,313 passenger enplanements and 57,914 aircraft operations in 2012. As shown in Figure 1-1, passenger enplanements peaked in 2008; after a sharp decline in 2009, enplanements are steadily increasing each year. Aircraft operations steadily decreased between 2003 and 2009, but have stabilized since 2009, as depicted in Figure 1-2. Air cargo significantly declined in 2007, when UPS Supply Chain Solutions no longer operated at DAY. The rapid decline of air cargo is clearly shown in Figure 1-3. Cargo has remained relatively stable since 2007, increasingly slighting in 2012.

**Airport Tenants**

DAY hosts 3 fixed-base operators (FBOs), 31 tenants, and another 41 concessionaires, with a total of 1,073 full-time and 246 part-time employees. With its headquarters at DAY, PSA Airlines –operator of US Airways Express flights—is the largest single employer at the Airport.



## The Sustainability Planning Process

The Sustainability Master Plan provides a summary of the operational performance, goals, and recommended sustainability initiatives and implementation program for the James M. Cox Dayton International Airport (DAY or the Airport). The Airport's Sustainability Master Plan is partially funded through a grant from the Federal Aviation Administration (FAA) as part of the agency's Sustainable Master Plan Pilot Program.

This plan focuses on the most current readily available information,<sup>2</sup> as well as calculating current rates of resource consumption, identifying any gaps in data tracking, and highlighting current and potential initiatives related to sustainability. It also identifies DAY's goals and objectives in regards to sustainability and opportunities for improvements. This Sustainability Master Plan focuses on the following key areas (PRESS):

- People
- Resiliency
- Energy
- Stewards of the Environment
- Sustainable investment

Understanding DAY's current levels of sustainability performance will enable its owner and operator – the City of Dayton Department of Aviation - to evaluate the impact of future sustainability efforts as well as to track progress on achieving its sustainability goals and objectives. In addition to understanding the Airport's sustainability performance in each of the areas outlined above, this plan seeks to outline how the Airport can approach, manage, and track sustainability. Understanding this is critical to understanding how best to implement initiatives in order to achieve the Airport's sustainability goals.

The Department of Aviation has been engaged in environmentally-conscious and sustainable practices for years; many of which are described throughout this report. In 2007, the City of Dayton adopted a Sustainable Practices Policy, which calls for waste reduction practices, recycling, energy conservation measures, an environmentally preferable procurement policy, fuel-efficient vehicles, and vehicle anti-idling measures. The Department of Aviation is engaged in carrying out these efforts throughout its own facilities and operations.



DAY Recycling Program promotional signage

<sup>2</sup> Data was collected through September 2013.

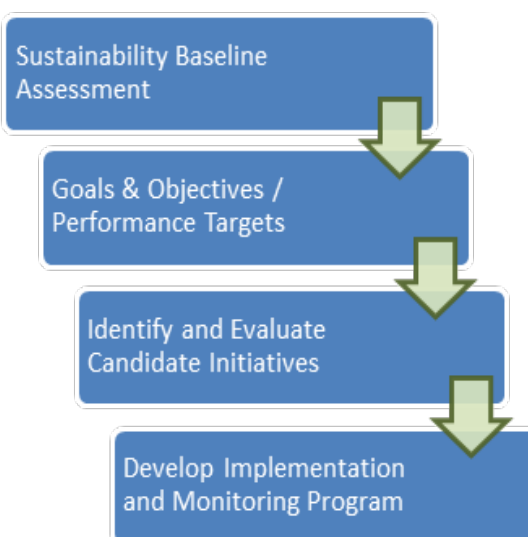


The planning process followed in this study provided flexibility for DAY to consider its operating environment and resources, and included the following general steps:

- A Sustainability Baseline Assessment was conducted to provide an overview of the Airport's current sustainability performance, existing initiatives, data gaps, and organizational processes. The assessment laid the groundwork for the following steps in the planning process.
- Goals and Objectives were developed that reflected the Airport's sustainability focus areas. Performance targets were identified to meet each objective to ensure consistent sustainability improvement.
- Candidate sustainability initiatives were identified to meet each goal and objective, then screened based on criteria to determine feasibility. The criteria included cost-effectiveness, sustainability impact, and operational feasibility.
- Finally, an implementation and monitoring program was developed for the Airport to effectively and efficiently implement the recommended sustainability initiatives, and track the organization's sustainability performance based on its goals, objectives and performance targets.

#### DAY Sustainability Master Planning Process

Source: VHB, 2013.



### FAA Sustainable Master Plan Pilot Program

FAA's objective is to make sustainability a core objective in airport planning. The agency is providing airports across the U. S. with funding to develop comprehensive sustainability planning documents, which include initiatives for reducing environmental impacts, achieving economic benefits, and increasing integration with local communities.

SOURCE: <http://www.faa.gov/airports/environmental/sustainability/>



# What is DAY Already Doing to Advance Sustainability?


## Environmental and Sustainability Policies




As mentioned earlier, the Department of Aviation has been engaged for many years with environmentally-conscious and sustainable practices. In 2007, the City of Dayton adopted a Sustainable Practices Policy, which calls for waste reduction practices, recycling, energy conservation measures, an environmentally preferable procurement policy, fuel-efficient vehicles, and vehicle anti-idling measures. The Department of Aviation is engaged in carrying out these efforts throughout its own facilities and operations. In 2012, the Airport was awarded the Dayton Regional Green 3 (DRG3) Green Business Certification by Montgomery County for promoting green practices and was re-certified in 2014.

The Green Business Certification program is a voluntary program designated to help businesses take basic green measures to reduce their ecological footprint, reduce their energy and resource use, and save money in the process. Earning Green Business Certification indicates that DAY is a part

of an innovative leadership movement to green their business operations and help transition to a sustainable future.

## Existing Sustainability Initiatives at DAY

The following tables detail the existing initiatives at DAY that meet its sustainability goals in the areas of energy, people, environmental stewardship, sustainable investment, and resiliency. In addition to information about the initiatives, each table also includes the sustainability benefits and EONS categories associated with each initiative. Many initiatives benefit more than one aspect of sustainability; the “EONS” categories refer to the four aspects that underlie airport sustainability: economic viability, operational efficiency, natural resource conservation, and social responsibility. Each initiative is denoted with a “symbol”-  - to demonstrate which aspects of airport sustainability each initiative influences.

ENERGY INITIATIVES	SUSTAINABILITY BENEFIT(S)	EONS <sup>1</sup>
<b>Airfield Lighting</b> Airfield lighting has been upgraded to Light Emitting Diodes (LEDs).	Reduces the overall amount of purchased electricity used, which also reduces GHG emissions.	
<b>Metered Pre-conditioned (PC) Air</b> PC air units are individually metered so that energy can be billed directly to airlines.	Encourages energy reductions.	
<b>Unified Electrical Metering</b> The Airport was previously billed for its electricity at three different rates depending on the location of the meter at the Airport. The Airport negotiated a unified billing structure during recent negotiations with the utility.	Significant cost savings (approximately \$35,000 annually).	

<sup>1</sup> Economic viability, Operational efficiency, Natural resource conservation, and Social responsibility



## PEOPLE INITIATIVES

## SUSTAINABILITY BENEFIT(S)

EONS<sup>1</sup>**Passenger Experience and Satisfaction**

- Operation of the DAYRider courtesy shuttle.
- The RTA resumed bus service (#43) to the Airport starting in August 2013.
- Hydration stations allow passengers to refill water bottles at no cost.
- The Airport currently holds a Passenger Appreciation Day quarterly, which includes free blood pressure checkups for passengers.
- Wi-Fi internet access is available throughout the terminal and in the cell phone lot.
- DAY is conducting an airport Passenger Satisfaction Study to better understand further opportunities to improve the passenger experience.
- Airport is pursuing new concessions to the terminal, renovating the existing Max & Erma's restaurant, and Chick-Fill-a was added in 2013.

Improves passenger satisfaction.

**Employee Wellness**



















- In conjunction with the City of Dayton, Airport employees are eligible to participate in the Premier Health EmployeeCARE program at Miami Valley Hospital. This program provides counseling, other mental health services and other assistance to employees and their families.
- Airport employees also have access to the WellVibe employee engagement tool, which helps employees track and implement their personal health goals.

Improves employee health.



1 Economic viability, Operational efficiency, Natural resource conservation, and Social responsibility



ENVIRONMENTAL STEWARDSHIP INITIATIVES	SUSTAINABILITY BENEFIT(S)	EONS <sup>1</sup>
<b>Water Quality</b>		
<b>Maintenance</b> DAY conducts routine maintenance of the existing waterways, storm conduit outfalls and oil/water separators.	Decreases likelihood of water quality impacts.	 
<b>Storm Water Pollution Prevention</b> DAY has developed a Storm Water Pollution Prevention Plan in accordance with its Ohio EPA National Pollution Discharge Elimination System (NPDES) permit	Monitors water quality and reduces water quality impacts.	 
<b>Deicing Fluid Collection System</b> DAY installed a Deicing Fluid Collection System in 1997 to capture spent deicing fluid	Eliminates the impact of deicing fluid on water quality.	 
<b>Wetlands</b>		
<b>Wetland Mitigation Plans</b>	Preserves natural resources and wetlands.	 
<b>Air Quality and Greenhouse Gas</b>		
<b>Fixed Gate Infrastructure</b> All airport gates are equipped with 400 HZ power and preconditioned air to allow aircraft parked at the gate to be plugged in and operate their electrical and HVAC systems without running their engines.	This reduces criteria pollutants, GHG emissions, aircraft noise, and reduces fuel use.	
<b>Cell Phone Waiting Lot</b> DAY offers a parking lot with a flight notification board where patrons can wait for deplaning passengers to reduce driving and/or idling of vehicles.	This reduces GHG emissions, criteria pollutants, and terminal curbside congestion.	  
<b>Semi-consolidated Rental Car Operations</b> Rental car tenants at DAY are housed on the bottom floor of the passenger parking garage.	This minimizes passenger trips to more remote locations for rental pick-up and drop-off, thus reducing fuel combustion, GHG emissions, and criteria air pollutants on airport roadways.	 
<b>Dayrider Shuttle Service</b> A regular shuttle service operates between the terminal area and remote passenger access locations.	This service provides higher vehicle occupancy, thus reducing single-occupancy vehicle operation on airport roadways, reducing fuel use, GHG emissions, criteria air pollution in the airport vicinity.	 
<b>Bus Service</b> The Greater Dayton Regional Transit Authority (RTA) resumed bus service (#43) to the Airport starting in August 2013. <sup>2</sup>	This minimizes passenger trips to the Airport, thus reducing fuel combustion, GHG emissions, and criteria air pollutants.	 

<sup>1</sup> Economic viability, Operational efficiency, Natural resource conservation, and Social responsibility

<sup>2</sup> [http://www.i-riderta.org/rta%e2%80%99s\\_new\\_route\\_takes\\_flight\\_with\\_service\\_to\\_airport.aspx](http://www.i-riderta.org/rta%e2%80%99s_new_route_takes_flight_with_service_to_airport.aspx)



SUSTAINABLE INVESTMENT INITIATIVES	SUSTAINABILITY BENEFIT(S)	EONS <sup>1</sup>
<b>Waste Management and Recycling</b>		
<b>Recycling</b> DAY's Recycling Program began with a partnership between Rumpke Recycling and DAY, and was officially announced to the public on May 1, 2012. <ul style="list-style-type: none"> <li>Scrap metals, carpeting, fluorescent lamps / Ballasts, wood pallets, batteries, tires and motor oil are collected for recycling.</li> <li>Cardboard is collected and placed in a compactor for recycling</li> <li>Carpeting removed from airport is properly recycled.</li> </ul>	Reduces waste disposed in landfills.	O N
<b>Hydration Stations</b> Hydration Stations have been installed to reduce the use of plastic bottles. Additionally, portable "Liquid Collection Stations" were placed at the TSA Security Checkpoints to reduce contamination and weight of the commingled recycling,	Reduces waste disposed in landfills and improves passenger satisfaction because passengers can refill their bottles after the security checkpoint.	O N S
<b>Materials Reuse</b> <ul style="list-style-type: none"> <li>Reduced paper use through e-faxing and double-sided printing.</li> <li>Grind asphalt and re-use on site (non-FAA projects only)</li> </ul>	Materials reuse and reduction decreases waste disposed in landfills.  Reduces cost of construction projects through materials reuse.	E O N

<sup>1</sup> Economic viability, Operational efficiency, Natural resource conservation, and Social responsibility

Under its environmental stewardship goal of minimizing the Airport's impacts to the natural environment, the City of Dayton Department of Aviation has initiated a program to convert agricultural land uses to native warm season grasses, or NWSG (often referred to as prairies). Benefits of NWSG include carbon sequestration, reduced fertilizer use, enhance stormwater protection, and reduced hazardous wildlife attractants. The Airport already contains the Knoop Prairie, a NWSG area covering 113.5 acres and sequestering 195 million tons of CO2 equivalent annually. The Knoop Prairie is managed by the Airport in cooperation with neighboring Aullwood Audubon Center and Farm, which has provided invaluable input on considerations for conversion to NWSG, resources on establishment and management practices, and will serve as a critical partner in any future pursuits of converting DAY property to such uses.



## SUSTAINABLE INVESTMENT INITIATIVES

## SUSTAINABILITY BENEFIT(S)

EONS<sup>1</sup>**Community Outreach**

- The Airport holds an Air Camp each year, which introduces students to the aviation facilities and resources in the region. The Camp is hosted by Wright State University. Students are introduced to, and have opportunities to explore, the Air Force Research Laboratory, the National Museum of the U.S. Air Force, Dayton History, and the Boonshoft Museum of Discovery.
- Founded in 1975, the annual Dayton Vectren Airshow is one of America's premier airshows. The airshow showcases world-class aerobatic champions, military jet demonstrations, and entertainment. Celebrating Dayton's Aviation heritage as home of the Wright Brothers, national museum of the US Air Force and Wright-Patterson AFB. This is a family-oriented festival at the Airport with aircraft exhibits, flyovers, and local music and food. Local children's art work is prominently displayed in the parking garage and terminal entryways.
- Small Business Opportunity Forum

Provides positive exposure for the Airport in the community.

**Volunteering and Charitable Donations**

The Airport has ongoing volunteer and donor relationships with the following charities:

- Special Olympics
- Aullwood Audubon Center and Farm
- Honey Creek Watershed Association
- Rotary Club of Dayton, OH
- United Way
- Children's Water Festival
- Dayton Art Institute
- Boys and Girls Club of Dayton
- March of Dimes
- Girl Scouts of America
- Premier Health
- St Christopher Council
- Honor Flight
- USO of Central Ohio

Provides positive exposure for the Airport in the community.



<sup>1</sup> Economic viability, Operational efficiency, Natural resource conservation, and Social responsibility





RESILIENCY INITIATIVES	SUSTAINABILITY BENEFIT(S)	EONS <sup>1</sup>
<b>Microgrid Study</b> The Center for Transportation and the Environment is pursuing funding for use of Microgrid Technology at DAY, an efficient and energy-secure operation which would be independent from the local, traditional utility power grid.	Increases energy efficiency and allows DAY to continue service during a utility system failure due to maintenance, natural disasters, or national security issues.	E O N
The City has partnered with Wright State University to pursue a grant through GLAA-C to support education and outreach efforts around climate change. DAY is providing assistance to these efforts by conducting some public surveys at the Airport.	Increases awareness of climate change, local impacts, and efforts to mitigate and adapt	E O N S

<sup>1</sup> Economic viability, Operational efficiency, Natural resource conservation, and Social responsibility



The City of Dayton has been participating in the Great Lakes Adaptation Assessment for Cities (GLAA-C), a program led by the University Michigan and supported by the Kresge Foundation and the Graham Environmental Sustainability Institute. The goal of GLAA-C is to bring together researchers and practitioners to develop actionable climate adaption programs for cities in the Great Lakes region.

GLAA-C has conducted an Integrated Assessment of the climate change vulnerabilities and adaptive capacity of six cities in the Great Lakes region, including Dayton, OH. On June 5, 2013, the City of Dayton hosted a Climate

Change Adaptation and Resiliency Workshop with more than 65 City staff (including Department of Aviation staff), elected officials, and community stakeholders. The workshop reviewed historical and projected changes to the local climate and impacts associated with those changes, assessed the adaptive capacity of the city to those changes, and explored best practice adaptation strategies from other cities in the region and throughout the country.



## How will DAY meet its Sustainability Goals and Objectives?

As part of this study, sustainability initiatives and strategies were developed based on many factors, including several site specific studies:

- Renewable Energy Feasibility Evaluation
- Waste Audit
- Evaluation of Terminal Mechanical/Electrical/HVAC systems
- Sustainable Design and Construction Standards
- Sustainable Land Management Evaluation

In addition to these focused studies, multiple workshops and meetings were conducted with the Sustainability Advisory Committee (SAC) to generate discussion, new ideas, and review the various initiatives and strategies which could potentially be advanced at DAY. In an effort to obtain feedback from the Airport tenants, an online survey was conducted to offer a facility user's perspective for initiatives which either may be successfully working for a tenant or new ideas which may include the tenant to help further sustainability.

During the course of the SAC workshops, the planning team provided additional information for the groups' consideration. This information included examples of successful sustainability strategies and initiatives which have been implemented at other similar airports.

The results of these efforts were tabulated in an overall Candidate Sustainability Initiatives & Strategies Matrix. The Matrix outlines each of the candidate strategies developed during the planning effort and workshops described above. Detailed information for each initiative can be found on the Matrix including:

- Number of sustainability goals the initiative could help to achieve
- Overall ability of the initiative to advance Sustainability (Effect)
- Capital (implementation) Costs ( Low, Medium, High)

- Maintenance Costs ( Low, Medium, High )
- Estimated Return on Investment (ROI) in years
- Additional Resources and References for the type of initiative listed

To streamline the Matrix, follow up meetings and teleconferences were conducted with Airport Staff which included representatives from Airport Environmental, Airport Engineering, and key members of the Senior Administrative Staff. The proposed strategies were also reviewed in detail with the SAC during workshop meetings, including prioritization surveys using electronic/anonymous voting.

After consolidating the initiatives and strategies in the Matrix, the following primary considerations were used for prioritizing the list:

- Overall ability of the Initiative or Strategy to advance sustainability at DAY.
- Financial implications of implementing the initiative including implementation or capital cost, annual cost of maintenance, and level of staff effort required to maintain the initiative
- Estimated ROI (time period)
- Consideration for future development plans

Based on these factors, a score (using a scale from low [1] to high [5]) was provided for two primary categories:

1. Overall relative ability to advance sustainability at DAY
2. Overall relative cost /staff level of effort

The initiatives that were found to have the greatest ability to advance sustainability at DAY combined with lowest relative cost/staff level of effort were recommended as short-term initiatives for implementation (within 3 years). The following lists each recommended short-term initiative with the associated sustainability goal category.



INITIATIVE/ STRATEGY	SUSTAINABILITY GOALS				
	People	Resiliency	Energy	Stewards of the Environment	Sustainable Investment
Organize a “Green Team” of Airport Employees Representing all Functional Areas					
Reduce Paper Waste by Increasing use of Electronic Documents and Submittals					
Retrofit and /or Replace Existing Light Fixtures with LED Lamps & Fixtures					
Implement a Bulk Recycling Program					
Provide Charging Stations for Electronics (w/USB ports) throughout the Terminal					
Convert Agricultural Land to Native Warm Season Grasses					
Encourage Conversion of Ground Support Vehicles & Equipment to Electric/Hybrid					
Coordinate a Food Donation Program and Encourage Tenant / Vendor Participation					
Provide Life Cycle and Cost / Benefit Analysis for Each New Project					
Replace existing Airfield Light Fixtures with LED Style Fixtures where Feasible					
Participate in a “Waste-to-Profit” Network					
Replace Water Boilers and Water Heaters with more Efficient Systems					
Utilize Guidelines & Specifications to Promote Asset Protection					
Implementation of Biodiesel or other Alternative Fuels in Airport Operations					
Establish Re-Claimed Water Storage & Supply System for Using Recycled Water					
Replace Normal Grass/Turf Areas with Specialized Natural or Synthetic Grass					
Install Low Flow Fixtures in all Future Plumbing Design Projects					
Expand Recycling Program for Waste from Deplaned Aircraft					
Create a Multimedia Display about Sustainability & Efficiencies w/in the Terminal					
Upgrade Interior Lighting Control Systems with Occupancy Sensors					
Upgrade Interior Lighting Including Natural Light					
Install Electric Charging Station / Infrastructure to Support Electric (GSE)					
Modify Irregular Operations (IROPS) Plan					
Utilize Local Materials and Resources					
Develop an Airport Microgrid at DAY					







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