

Aviation Department's SUSTAINABILITY & RESILIENCY FOCUS



We are committed to ensuring our airports are Future Friendly and enhance the communities we serve by placing a high emphasis on sustainability and resiliency. Our approach ensures we are responsibly mitigating our impacts and preparing for future challenges. Our Sustainability & Resiliency Management Plan serves as the guiding document, centered around goals in interconnected focus areas with objectives to achieve those goals highlighted here.

 Air & Climate Minimize emissions and adapt to changing climate conditions <ul style="list-style-type: none"> • Measure and strategically manage emissions • Transition vehicles and equipment to zero or low emission technologies, prioritizing electrification • Provide infrastructure to support zero or low emission vehicles and equipment • Improve efficiency and reduce energy demand for vehicles, equipment and aircraft • Support use of low or zero emission options for all modes of travel • Reduce emissions from stationary sources • Build resilience to climate hazards Net Zero Carbon 2040	 Energy Transition to renewable energy and minimize energy consumption <ul style="list-style-type: none"> • Monitor and manage energy consumption • Reduce energy use intensity of facilities • Design and retrofit facilities for high energy efficiency • Replace equipment and lighting with efficient alternatives • Transition to renewable energy sources • Improve energy system storage, redundancy and diversification Carbon-free Electricity & 30% Energy Reduction 2030	 Land Stewardship Encourage healthy ecosystems while reducing wildlife risks <ul style="list-style-type: none"> • Monitor and manage ecosystem health, guided by scientific data • Support local habitats and biodiversity in landscaping and undeveloped land • Design and develop property for low impact on ecosystems • Minimize heat island effects and increase shade availability • Manage material storage and handling to prevent environmental and health impacts • Balance wildlife hazard management with other land stewardship objectives Incorporate Ecosystem Health Objectives 2030	 Waste Reduce waste generation and promote material circularity <ul style="list-style-type: none"> • Measure and strategically manage materials • Reduce waste generation from its source • Collect and process organic materials for generation of compost • Promote material reuse opportunities • Improve recycling opportunities and reduce contamination Zero Waste 2050	 Water Protect water resources and minimize water consumption <ul style="list-style-type: none"> • Monitor and manage water consumption, including leaks • Design and retrofit facilities to achieve high water efficiency • Maintain infrastructure, equipment and fixtures to preserve water quality and efficiency • Transition to alternative water sources for non-potable use • Manage stormwater drainage capacity to reduce flood risk • Protect stormwater quality 25% Potable Water Use Intensity Reduction 2040
 Business Practices Integrate sustainability and resiliency into our business practices <ul style="list-style-type: none"> • Develop policies and standards that support our sustainability and resiliency goals • Incorporate sustainability and resiliency throughout operations • Enhance administrative processes using sustainability and resiliency principles • Expand sustainability and resiliency recommendations and requirements for business partners • Design and construct new and renovated facilities to sustainability and resiliency standards. Increase Integration Annually		 Community Support our community of employees, business partners, passengers and neighbors <ul style="list-style-type: none"> • Conduct intentional sustainability and resiliency outreach, engagement and collaboration activities. • Collaborate with Business Partners to achieve shared sustainability and resiliency goals. • Raise awareness and provide sustainability and resiliency education to stakeholders. • Support local schools, businesses and the surrounding Phoenix metro area. • Promote employee and visitor safety, health and wellness. Expand Support Annually		

