

SUSTAINABILITY & RESILIENCY ANNUAL REPORT | 2025



The City of Phoenix, Aviation Department has shown its commitment to sustainability at Phoenix Sky Harbor International Airport (PHX), Deer Valley Airport (DVT) and Goodyear Airport (GYR) since first publishing the Sustainability Management Plan ten years ago. We have built sustainability into our organization and keep looking for ways to improve. In 2025, we released a full update to the plan that reflects how the airports have grown, how operations have changed and new available technologies.

Incorporating Resilience

As climate change impacts to the Phoenix region continue to grow, we have made resilience a priority by expanding the plan into a Sustainability and Resiliency Management Plan. It sets out how we will prepare for future challenges so we can continue operating and serving people through climate-related hazards.

Evolving Focus Areas

While updating the plan, we took a closer look at our focus areas and updated them to cover more ground. We added a new focus area, Land Stewardship, to emphasize our role in caring for the land, supporting healthy desert ecosystems, and reducing wildlife risks.



This report shares progress towards long-term goals and highlights key wins, sorted by focus area, from the 2025 calendar year, unless noted.



AIR & CLIMATE

We have greatly lowered our carbon footprint and helped improve air quality by using zero or low emission vehicles and ground equipment, saving energy, using renewable energy and supporting cleaner ways to travel. This has led to us being more than halfway to our goal of achieving net zero carbon.



In June 2025, we added DVT and GYR to the Airport Carbon Accreditation Program at Level 3. They joined PHX, which is at Level 4. An outside group reviewed and approved the airports' work to lower carbon emissions and engage with airport business partners.

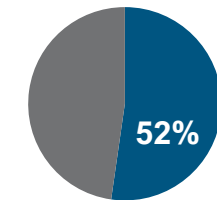


We completed a Climate Risk Assessment to prepare for extreme weather by enhancing resiliency and planning. The study looked at important airport buildings and systems and studied how floods, monsoons, dust storms and wildfires could damage them.



In April 2025, we created an EV Charging Roadmap to guide us in adding electric vehicle charging stations throughout the airports. It will also help Departments and Divisions work together and prepare for future travel and energy needs.

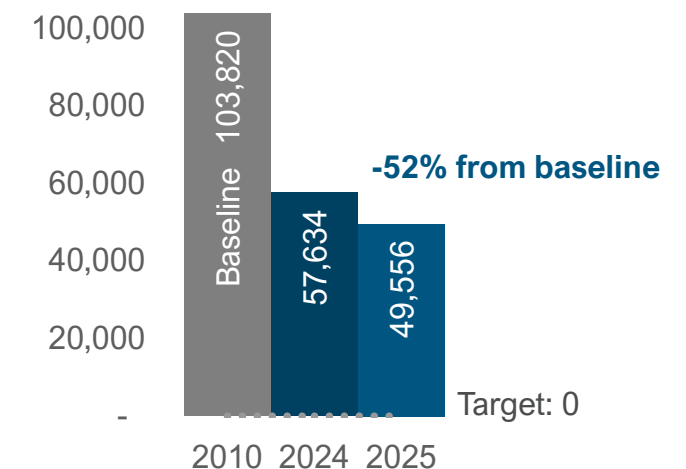
GOAL PROGRESS



NET ZERO CARBON | 2040

Reduce our emissions 90% from a 2010 baseline and offset remaining emissions through carbon removal

Emissions (Tons CO₂e)





ENERGY

Having a steady and reliable energy supply is important for airport operations. We are working to create a cleaner and stronger energy system by using renewable energy, which makes airport buildings more energy-efficient. Even as the airports have grown, we have improved building efficiency by 15%, while also receiving 44% of our electricity from carbon-free sources.



In 2025, we continued efforts to save energy in existing buildings. We replaced older lights with energy-saving LED lights and also installed equipment and controls that help motors and other systems use less energy.

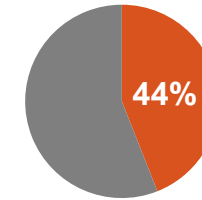


In 2025, we began creating an Electric Utility Master Plan. This plan will track the airports' power systems and electricity use. It will help us prepare for future power needs, use more renewable energy and improve electrical systems across the airports.



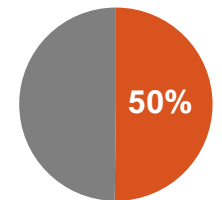
A new group of solar panels began operating at the Command Center in late 2024. It increased the airports' ability to produce solar energy to 5.25 megawatts. In 2025, the solar panels operated for a full year and produced 338,000 kilowatt-hours of renewable energy.

GOAL PROGRESS



CARBON-FREE ELECTRICITY | 2030

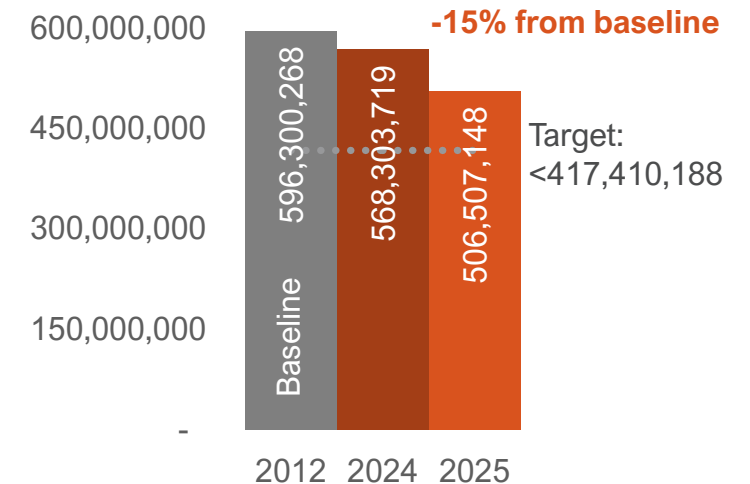
Achieve carbon-free electricity by 2030



REDUCE ENERGY CONSUMPTION 30% | 2030

Reduce energy consumption of facilities 30% from a 2012 baseline by 2030

Total Energy Use (kBtu)





LAND STEWARDSHIP

We care for airport land by reducing environmental harm, protecting natural areas, and supporting many kinds of plants and animals. We also manage wildlife to keep airport operations safe. As we develop goals for healthy ecosystems, we continue to use land stewardship practices that are sustainable and able to handle changing conditions.



In 2025, our Landscape Team planted 1,855 plants, made up of 149 plant species that are native or well suited to the local climate. Having many types of plants helps the landscape withstand disease and extreme weather. The plants also attract pollinators, such as bees and butterflies, that are important to Arizona's environment.

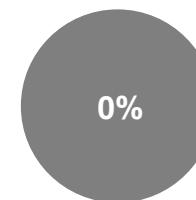


We plan to plant two trees for every tree removed. To support this goal, the team studied possible planting areas and created a list of suitable locations.



By 2025, we replaced all grass that did not serve a useful purpose with desert-friendly landscaping. This new landscaping is better suited to the local climate and uses much less water than grass.

GOAL PROGRESS



INCORPORATE ECOSYSTEM HEALTH OBJECTIVES | 2030

Fully integrate ecosystem health objectives into airport planning, design and land management practices



287

Acres of xeriscape landscaping

Over **28,000** plants and **6,000** trees



We worked to reduce waste by using fewer materials, reusing items and recycling whenever possible. We also are working with airport businesses and passengers to improve waste practices. We are more than halfway to our Zero Waste goal as an updated Solid Waste Management Plan will guide future work.



In August 2025, four smart Oscar Sort waste stations were added to Terminal 4. These stations scan items and show people where to place their waste. They help people recycle correctly, keep trash out of recycling bins and learn better disposal habits in a fun way.

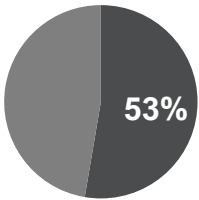


In spring 2025, we began creating a new Solid Waste Management Plan. The plan will review current waste practices, find more ways to keep waste out of landfill and address problems that make the Zero Waste goal harder to reach.



After expanding food and yard waste collection in 2024, we added more collection areas and trained workers. In 2025, we kept 2,302 tons of food scraps and landscaping waste out of landfills. The materials went to the City of Phoenix Compost Facility, where they were turned into compost that helps plants grow.

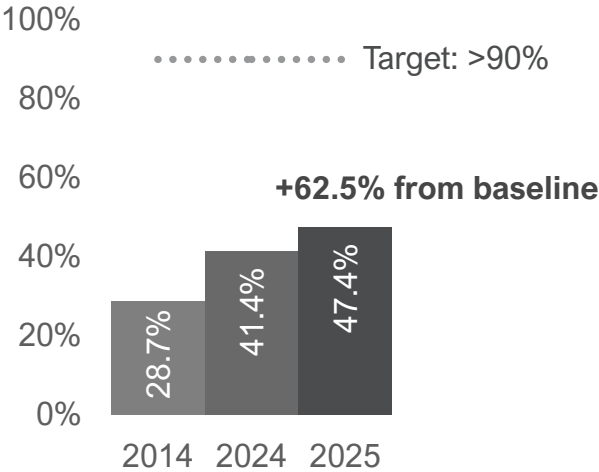
GOAL PROGRESS



ZERO WASTE | 2050

Divert at least 90% of all waste materials from landfills

Waste Diversion Rate* (%)



*Metrics related to the Waste focus area are tracked by fiscal year.



WATER

We aim to use less water, protect important water sources, and keep our water system strong. Saving water helps ensure that we have enough for the future and protects local ecosystems. We have met our water-saving goal and are working hard to maintain this progress as our airports grow.



We worked with City leaders to begin updating the Drought Management Plan. This plan will guide water-saving efforts during droughts. It will help protect public health and keep the water supply reliable as the climate changes.

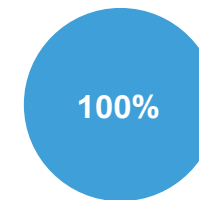


In summer 2025, we checked water fixtures in buildings that use large amounts of water at Phoenix Sky Harbor. The team inspected 574 toilets, 215 urinals and 631 sinks. We found fixtures that were not working as expected and identified ways to save more water.



All 60 miles of Phoenix Sky Harbor's irrigation system now use Calsense smart controls. These controls measure weather and plant needs so landscaping is watered only when necessary. This technology reduced irrigation water use by 40%.

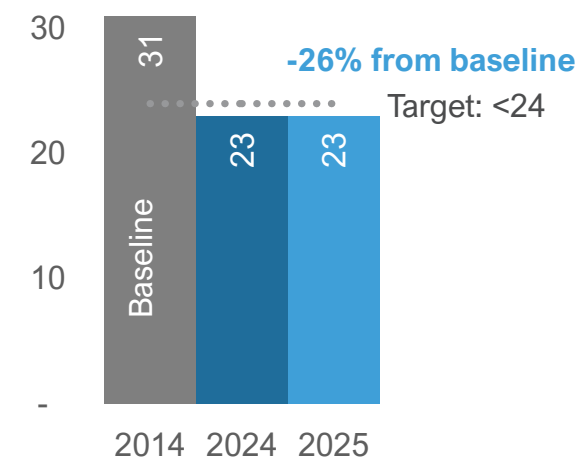
GOAL PROGRESS



**25% POTABLE WATER USE
INTENSITY REDUCTION | 2040**

*Reduce potable water use
25% per square foot by 2040*

Water Use Intensity (gallons/ft²)





BUSINESS PRACTICES

Incorporating sustainability and addressing challenges into all business practices is a key part of the SRMP. This means we encourage our airport partners to adopt sustainable practices in their work. After we released the updated SRMP in 2025, we stepped up these efforts even more.



In spring 2025, we began updating our Sustainable Design Standards. The Sustainability team and the Design and Construction Services Division will create new rules for construction projects on airport property. These rules will support the goals of the SRMP.



In 2025, we began reviewing contracts and agreements with vendors and business partners. We updated the wording to include sustainability goals. This helps partners support our goals through their work.



The Sustainability team became more involved in early project planning and reviews. Working with sustainability experts from the start helps projects meet standards, identify possible impacts and include good environmental practices.



1,096,869
Square feet of building space
meets sustainability standards



COMMUNITY

We are dedicated to building strong relationships with our employees, business partners, passengers, and the community. By working together with these groups, we want to reach common goals for sustainability and prepare for future challenges. In 2025, we continued to connect with local people, boost the economy, and promote fairness.



Since the Green Business Partner Program began in 2024, it has grown to include 20 companies at 59 PHX locations. By the end of 2025, the program was also introduced to business partners at DVT and GYR airports. The program received the Outstanding Sustainability Program award at the 2025 Airports Going Green conference.



In 2025, we began carrying out an Outreach Plan to make sustainability part of everyday airport operations. We held many events to teach and involve employees, business partners, passengers and other groups in sustainable practices.



On April 22, 2025, we hosted an Earth Day event in Terminals 3 and 4 and at the PHX Sky Train station. The event included hands-on activities, information from the City's Water and Public Transit departments and sustainability messages on flight monitors. We taught passengers and employees ways to support sustainability and demonstrated our commitment to protecting the environment.



**Green Business Partner
Program Participants:**

20 Companies representing **59** Locations