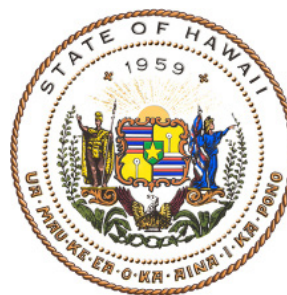
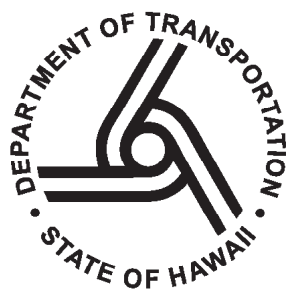




# sustainable**HNL**

## Annual Report for CY2022

Reporting sustainability progress at  
*Daniel K. Inouye International Airport*



Published 2023



# A MESSAGE FROM THE AIRPORT MANAGER

*Aloha!*

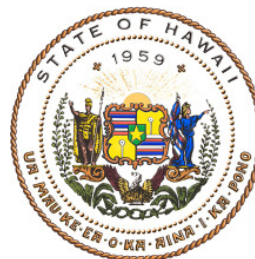
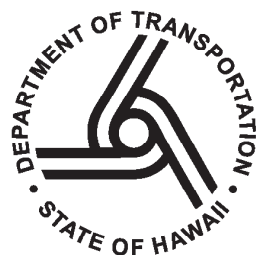
2022 was a year of reopening and returning to normal flight operations and passenger numbers. While the last 2 years were disruptive and temporarily slowed sustainability progress, the future is looking bright. On the cover is the koi fish who are known for their strength, courage, patience and success through perseverance. Our airport is now experiencing prosperity and good luck as we rebound.

- Passenger numbers have rebounded to pre-pandemic levels thanks to the US Mainland. As international travel becomes more popular we look forward to more passengers from Asia.
- In 2021 we opened our newest building, the Terminal 1 MAUKA Concourse. This concourse operates 11 additional gates and recently won some important awards such as the 2022 American Institute of Architects (AIA) Honolulu Sustainability Award.
- Also, for the 7th year, the airport has received Airport Carbon Accreditation from the Airports Council International. This program recognizes airports that have made reductions to their carbon footprint and have a plan in place to make further reductions.
- In addition, we hosted one airport-wide cleanup event, the HNL Recycle Drive. The event is free for tenants and provides an easy way to dispose of large bulky items responsibly. The one-day event cleared 115 cubic yards of waste from our airport property.

We are constantly looking to improve our airport operations while thinking about sustainability in the process. We know that 2023 will be a big year for air travel and the return of international passengers and we look forward to working with all our stakeholders to provide a world class travel experience.

Sincerely,

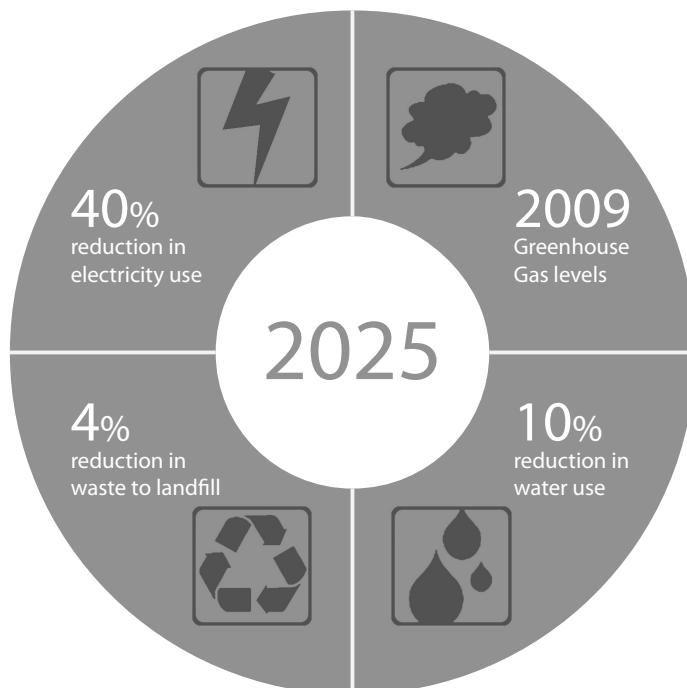
Malcom Smith  
Oahu District Airports Manager  
State of Hawai'i Department of Transportation



# SUSTAINABILITY GOALS AND TARGETS

## GOALS

✈ HNL is guided by the Sustainable Management Plan which set goals for 4 priority categories.



## TARGETS

✈ The goals have specific targets for 2025 and are tracked on an annual basis.

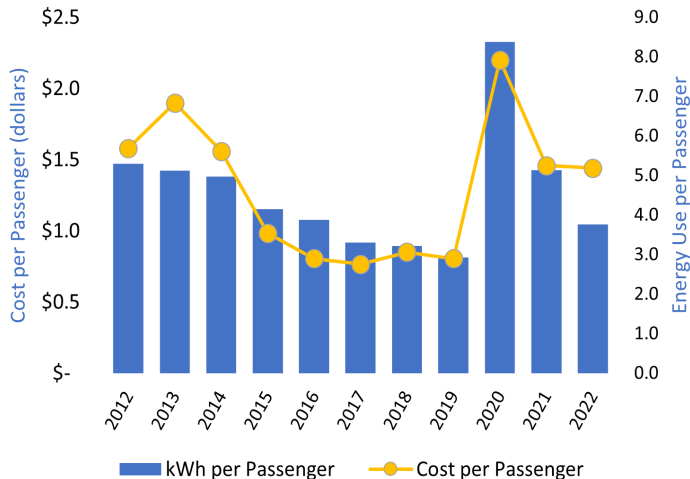
CATEGORY	INDICATOR	2025 TARGET	ANNUAL	PROGRESS
ENERGY	kWh / passenger	3.0	3.8	In Progress
CARBON	lbs. CO <sup>2</sup> / passenger	9.5	6.0	Meeting Goal
WATER	gal. / passenger	19.8	17.5	Meeting Goal
WASTE	waste diversion rate	4%	1.0%	In Progress

# SUSTAINABILITY HIGHLIGHTS



## ENERGY

Energy Consumption per Passenger (2012-2022)



The chart to the left overlaps per passenger energy consumption and cost for comparison. It shows how energy use has decreased **27%** since the prior year. And because of this, cost per passenger has remained stable.



However, the total cost of energy shot up **50%** since 2021 due to increased utility rates, new buildings becoming fully operational and more passengers. When normalized, the data shows a **1%** increase per passenger.

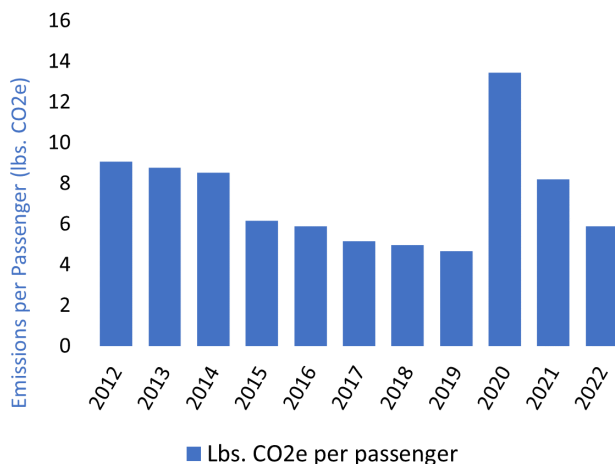


Thousands of on-site solar PV panels offset **14%** of HNLs purchased electricity in 2022.



## CARBON

Carbon Emissions per Passenger from Airport Owned Sources & Electricity (2012-2022)



Reduced overall airport-generated carbon emissions by **30%** from 2014 due to energy savings projects.



In 2022, Airport carbon emissions per passenger decreased **28%** which is great news since lowering carbon emissions is part of the 2025 goal.

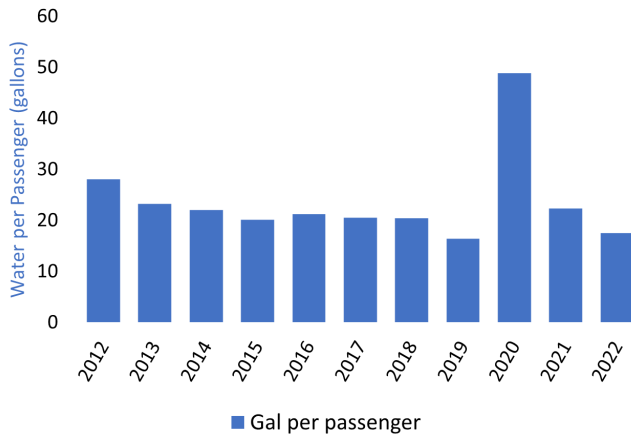


Received worldwide recognition via **Airport Carbon Accreditation** renewing at Level 2. A third party verified process was undertaken to document efforts to account for and reduce carbon dioxide emissions from airport managed operations. Launched by Airports Council International, the program info can be found at [airportco2.org](https://airportco2.org).



## WATER

Water Consumption per Passenger (2012-2022)



Water use has greatly decreased by **22%** per passenger. The airport has added more efficient buildings and undertaken projects that seek to meet the 2025 goals



Water and sewer combined cost has gone up by **7%** from the previous year. This is due to rate increases and total overall water use going up.



## WASTE



**RECYCLE**  
DRIVE 



Coordinated one bulky item **Recycling Drive** in the Fall for tenants and state offices for a **95%** diversion from landfill:



Scrap Metal **30 Cubic Yards**



Incinerator **45 Cubic Yards**



Electrics recycled **15 Cubic Yards**



Appliances Recycled **13 units**



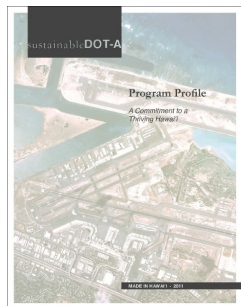
# RESOURCES

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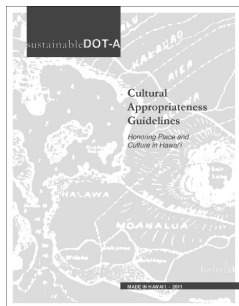
## GUIDING DOCUMENTS



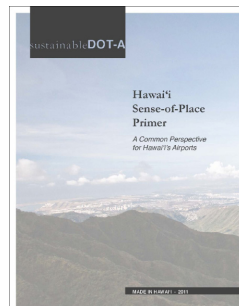
Sustainable  
Management Plan



Sustainable DOT-A  
Program Profile



Cultural  
Appropriateness  
Guidelines (CAG)



Hawai'i Sense-of-Place  
Primer (HSPP)



Sustainable High  
Performance  
Guideline (SHPG)



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## REFERENCES

Sustainable HNL:

Sustainable DOT:

Federal Aviation Administration Sustainability Plans:

The Hawaii Aloha + Challenge:

Sustainable Hawaii Initiative:

Hawaii Clean Energy Initiative:

Hawaii Storm Water Airport Tenant Training Video:

<http://airports.hawaii.gov/hnl/airport-info/sustainablehnl/>

<http://tinyurl.com/susDOTA>

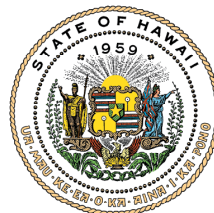
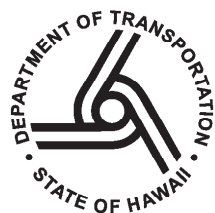
<https://www.faa.gov/airports/environmental/sustainability/>

<https://alohachallenge.hawaii.gov/>

<https://planning.hawaii.gov/sustainability>

<https://energy.hawaii.gov/hawaii-clean-energy-initiative/>

<https://www.youtube.com/watch?v=YSE54E2cUIE>



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STATE OF HAWAII

2023

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