

Our Approach to Decarbonisation

SYD
Sydney Airport

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1. Where decarbonisation means to reduce greenhouse gas (CO₂e) emissions associated with an activity. Decarbonisation does not mean the removal of all greenhouse gases associated with an activity, and does not necessarily mean the reduction of emissions on an absolute basis.

Sydney Airport Vision, Purpose, & Values

Towards 2bn passengers

Purpose

A leading global airport connecting Australia

Strategy

We will make Sydney Airport the preferred international gateway and most connected airport in Australia through service, efficiency and innovation



Keep each other safe & well

We are all safety leaders. We act inclusively and treat people with respect.



Always do the right thing

We act with integrity. We collaborate and have courageous conversations.



Do what you say

We take accountability, commit with clarity and always deliver.



Deliver for our passengers

We provide an exceptional service and experience for our passengers.



Focus on tomorrow & today

We drive sustainable performance. We promote curiosity, challenge the status quo and continually innovate.



Journey to date



Decarbonisation¹ is integral to our business strategy and our long-term success

2014-2017

- 2014** Achieved Level 1 Airport Carbon Accreditation
Australia's first airport to publish a Sustainability Report
- 2016** Australia's first airport to introduce electric buses
- 2017** Achieved Level 3 Airport Carbon Accreditation
Onsite solar photovoltaic (PV) system delivered on P6 car park

2018-2021

- 2018** Inaugural Taskforce for Climate-related Financial Disclosures (TCFD) report published
- 2019** Expanded climate scenario analysis
Reviewed and updated climate change risk and adaptation plan
Rolled out internal training on climate risk
- 2021** One of the first Australian airports to publicly commit to an accelerated net zero target by 2030 for its scope 1 and 2 emissions

2022-Today

- 2022** Significant investment into energy efficiency program for the replacement of lights, flight information display screens and passenger processing equipment
Sustainability Strategy and Emissions Reduction Plan 2022-24 developed
- 2024** Built Environment Sustainability Standards launched
New environment, social and governance (ESG) Framework developed with Decarbonisation a material topic
Commenced advocacy to the NSW Government to produce and supply sustainable aviation fuel in NSW
Scope 3 Strategy developed
- 2025** Scope 2 market-based emissions reduced to zero by purchasing 100% renewable electricity and surrendering large-scale generation certificates which match Sydney Airport's consumption
Achieved a 93% reduction in emissions against the Net Zero (Scope 1 & 2 market-based emissions) target baseline year²
Joined forces with Taronga Habitat Positive in an inaugural 10-year partnership dedicated to restoring over 3000 hectares of endangered habitat in Northern New South Wales, which will generate Australian Carbon Credit Units (ACCUs) and help SYD achieve Net Zero emissions by 2030 (Scope 1 & 2 market-based emissions)
Joined the Australian Jet Zero Council as the airport representative
Signed a Memorandum of Understanding with Qantas to work together to further facilitate the development of a domestic SAF industry in Australia through joint advocacy and research
Partnered with Qantas to deliver the single biggest commercial importation of Sustainable Aviation Fuel into Australia at that time
Clauses in our Airline Service Agreements updated and from 2025, new agreements include incentives for airlines to fly fuel-efficient aircraft to Sydney Airport where relevant
Achieved Level 4 Airport Carbon Accreditation

1. Where decarbonisation means to reduce greenhouse gas (CO₂e) emissions associated with an activity. Decarbonisation does not mean the removal of all greenhouse gases associated with an activity, and does not necessarily mean the reduction of emissions on an absolute basis.

2. 2018/19.

Scope 1 & 2 emissions reduction targets

2025



100% renewable electricity by 2025

through purchase of renewable electricity and surrendering large-scale generation certificates which match Sydney Airport's consumption

2030



Net Zero by 2030 for Scope 1 and 2 market-based¹ emissions

refer to our latest [Annual Report](#) and Sustainability Report for progress updates on our net zero initiatives



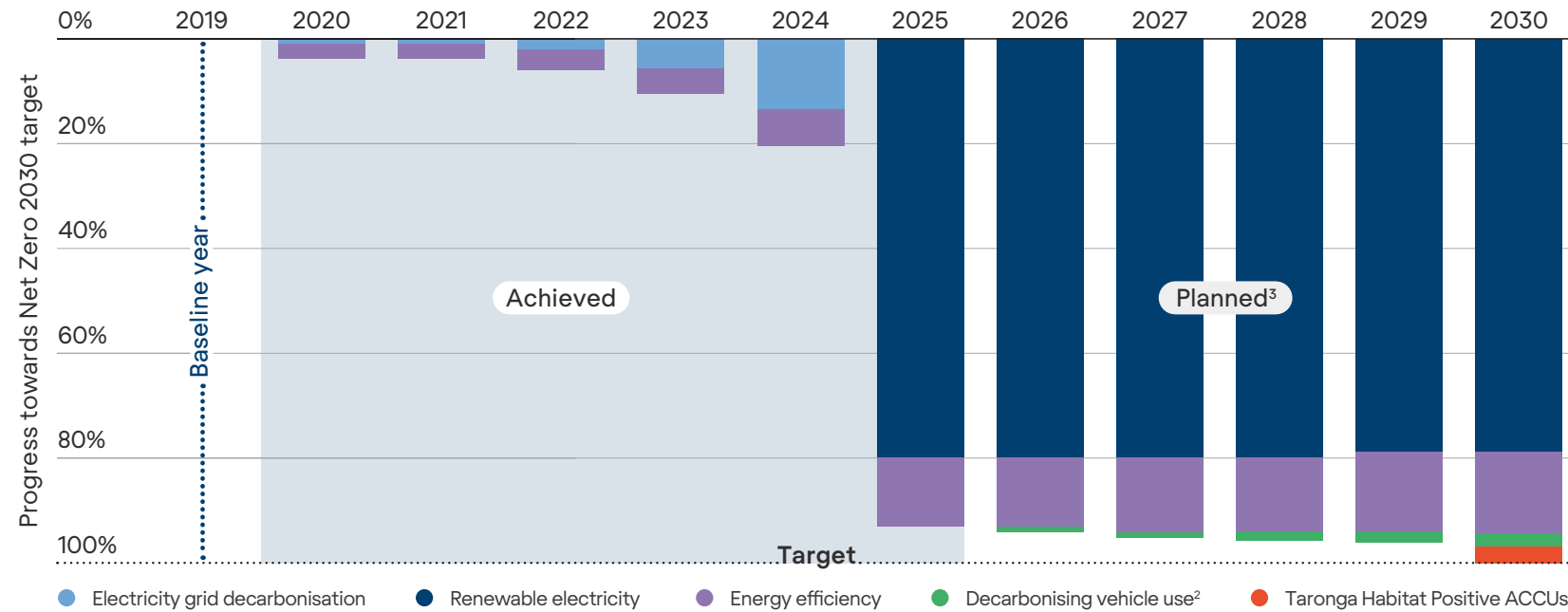
1. Baseline year is 2018-2019. Market-based emissions are indirect emissions from purchased electricity, calculated using emission factors from contractual instruments (such as Renewable Energy Certificates or Power Purchase Agreements) into which Sydney Airport has entered.

Net Zero 2030 Roadmap progress

In 2021, Sydney Airport committed to achieving Net Zero for emissions under its operational control (Scope 1 and Scope 2 market-based) by 2030. Significant progress has been made toward this target, including securing 100 per cent renewable electricity from 1 January 2025¹.



Sydney Airport's emissions savings (Scope 1 & 2 market-based emissions)



100%
renewable electricity
from 1 January 2025¹



93%
reduction in emissions against
baseline year⁴ for our Net Zero
by 2030 (Scope 1 & 2 market-based
emissions) target in 2025





11%
reduction in Scope 1 and 2
location-based emissions
from 2024

1. Through purchase of renewable electricity with large-scale generation certificates which match Sydney Airport's consumption.
 2. Subject to business casing and approvals.
 3. Planned as at March 2026.
 4. 2018-2019. In 2025, Scope 1 & 2 emissions accounted for approximately 0.7% of total (Scope 1, 2 & 3) emissions.

Scope 3 Long-term Objectives and Ambitions

The Scope 3 emissions landscape is uncertain, complex, often outside of our control and filled with interdependencies, which is why we have set long term ambitions for Scope 3 emissions instead of targets. This will allow us to evolve our Scope 3 ambitions over time in response to a rapidly changing environment and market expectations. We will strive for progress by actively partnering with our stakeholders and achieving common goals. Sydney Airport's Scope 3 emissions reduction priorities are those with a higher emissions impact and where Sydney Airport has a higher level of influence.



Emission source	Aviation emissions 			Airport emissions 
Scope 3 Pillar	Cleaner aircraft & fuel	Airspace & airfield optimisation	Airfield decarbonisation & efficient taxiing	Non-aviation levers
	Emissions impact » » LOWER			
	Level of influence « « HIGHER			
Decarbonisation objectives	<ul style="list-style-type: none"> Influence use of fuel-efficient aircraft Help to advance a domestic sustainable aviation fuel (SAF) industry 	Partner to improve airspace and airfield efficiency through advocating for, and actively participating in, operational trials e.g.: <ul style="list-style-type: none"> continuous climb and descent operations airport collaborative decision making (A-CDM) intersection departures to the north on the main runway for jet aircraft 	<ul style="list-style-type: none"> Drive increased utilisation of ground power units and pre-conditioned air Enable decarbonisation of ground service equipment (GSE) fleet Collaborate to decarbonise aircraft taxiing 	<ul style="list-style-type: none"> Drive reduction in construction emissions Enable reduction in tenant energy use Improve recycling rates in terminals Facilitate increase in airport staff public transport mode share Enable higher electric vehicle penetration in car rental fleet
Long-term ambitions	<ul style="list-style-type: none"> 25%-30% improvement in fuel efficiency of aircraft departing Sydney Airport by 2050 (1% year on year vs 2025 baseline) 50% SAF uplift at Sydney Airport by 2050 	<ul style="list-style-type: none"> Regulatory reform has led to a demonstrable reduction in airspace and airfield emissions by 2035 	<ul style="list-style-type: none"> An entirely decarbonised apron by 2040 	<ul style="list-style-type: none"> Stakeholders are encouraged and supported to achieve best practice in sustainability