

Our Approach to Decarbonisation

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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.



Decarbonisation journey to date



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

2014-2017

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

2018-2021

- 2018** Inaugural Taskforce for Climate-related Financial Disclosures (TCFD) report published
- 2019** Established deliberative community engagement forum, a first of its kind for a major Australian Airport
- 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 feasibility for a local Blue Carbon project
Commenced advocacy to the NSW Government to produce and supply sustainable aviation fuel in NSW
Scope 3 Strategy developed
Decreased usage of auxiliary power units (jet fuel used to power aircraft whilst on gate)
Registration with the Clean Energy Regulator finalised to enable self-management of large-scale generation certificate surrender from 1 January 2025 to achieve our 100% renewable electricity target

Scope 1 & 2 Decarbonisation Targets

2025



100% renewable electricity by 2025

through onsite solar PV and procurement of renewable electricity with large-scale generation certificates which match/offset Sydney Airport's consumption

2030



Net Zero by 2030 for Scope 1 and 2 emissions

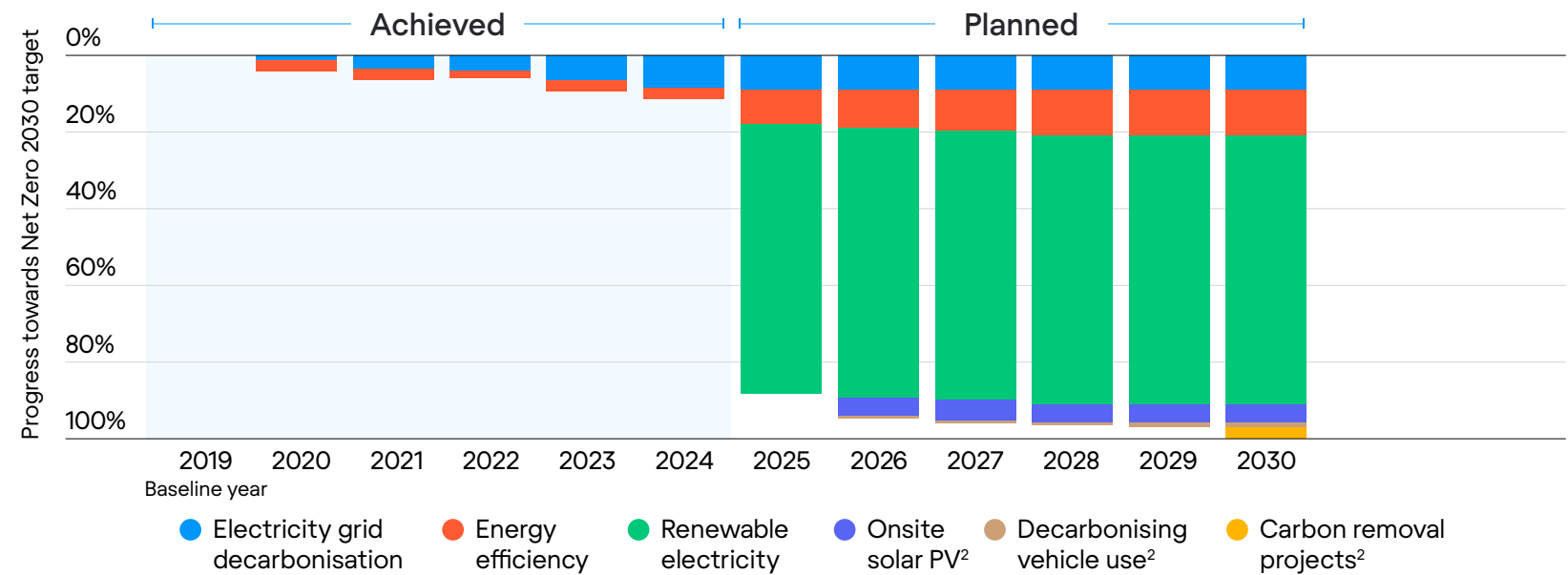
refer to our [2024 Annual Report](#) for the latest progress update on our net zero initiatives



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) 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)



100%

renewable electricity from 1 January 2025¹



10%

year on year emissions reduction (Scope 1 and 2) from 2023



85%

of Roadmap on track to be achieved by the end of 2025

1. Through onsite solar PV and procurement of the equivalent of renewable electricity with large-scale generation certificates which match/offset Sydney Airport's consumption.
2. Subject to business casing and approvals.

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	
Decarbonisation objectives	HIGHER >> >>		Emissions impact		>> >> LOWER
	LOWER << <<		Level of influence		<< << HIGHER
Decarbonisation objectives	<ul style="list-style-type: none">Influence use of fuel-efficient aircraftAdvance a domestic sustainable aviation fuel (SAF) industry	<p>Partner to improve airspace and airfield efficiency through advocating for, and actively participating in, operational trials e.g.:</p> <ul style="list-style-type: none">continuous climb and descent operationsairport 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 airEnable decarbonisation of ground service equipment (GSE) fleetCollaborate to decarbonise aircraft taxiing	<ul style="list-style-type: none">Drive reduction in construction emissionsEnable reduction in tenant energy useImprove recycling rates in terminalsFacilitate increase in airport staff public transport mode shareEnable 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	