



Sunshine
Coast
Airport

Australia's first carbon neutral airport

Sunshine Coast Airport is the first Australian airport to achieve the highest level under the Airport Council International Airport Carbon Accreditation program - Level 3+ Neutrality

Sunshine Coast Airport is now recognised around the globe for leading the way in managing carbon emissions and reducing its carbon footprint.



airport
carbon
accredited
NEUTRALITY



28% reduction
in diesel consumption



15% reduction
of food waste



27% reduction
in energy consumption



40% reduction
in Scope 1 and Scope 2 emissions since 2012



85% reduction
in lighting energy requirements



10% reduction
in water consumption

Contact us via our website,
email, phone or social media.

P +61 1300 993 543
E info@sunshinecoastairport.com.au



sunshinecoastairport.com.au



The journey to carbon neutrality

Carbon neutrality requires that the net emissions of Sunshine Coast Airport operations equal zero.

Airport Carbon Accreditation is the only institutionally endorsed, global carbon management certification programme for airports. It independently assesses and recognises the efforts of airports to manage and reduce their carbon emissions through four levels of certification: Mapping, Reduction, Optimisation and Neutrality.

Airport Carbon Accreditation is the only global airport specific carbon standard which relies on internationally recognised methodologies and independent verification.

The program leads the participants along the journey by first mapping the existing carbon footprint, then reducing it and encouraging others to join in, and finally offsetting the balance of the footprint to achieve carbon neutrality.

The Sunshine Coast Airport journey was inspired by Sunshine Coast Council's vision to be Australia's most sustainable region. The challenge was embraced by the entire Airport team and implementation of initiatives have touched all parts of our business from planning and built form, energy reducing initiatives, waste management and recycling, to working with our airline and commercial partners to reduce our carbon footprint.



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The journey to carbon neutrality

Energy

Sunshine Coast Airport has implemented energy management systems that allow the business to respond in a more timely manner to customer demand including:

- Automating the air conditioning system to be responsive to flight schedules and varying temperature set points throughout the day based on expected demands and loads.
- Installation of large-scale energy efficient fans that create air movement and assist in reducing air conditioning requirements and allows modification of building temperature set points.
- Locking all built environment to maximise the use of natural light and recyclable materials.
- Reducing heat load and conditioned air leakage by the installation of air curtains and skylight shading.
- Reducing both heat load and energy consumption by wholesale replacement of lighting with more energy efficient LED lights in signage, car park floodlights and general user areas.

Waste

A major contribution to Scope 3 carbon emissions is from waste. Sunshine Coast Airport have significantly reduced the amount of airport waste being sent to landfill and have implemented a number of key initiatives:

- Installation of Australia's first solar powered On-site Composting Apparatus (OSCA). OSCA is an automated, aerobic composting technology with the capacity to take up to 945 litres of waste per week.
- Three-way bin systems installed in the

terminal with compartments for general waste, recyclables and compostable items.

- Working with tenants and customers to reduce waste - the majority of food and compostable waste including compostable packaging, plates, cups and wooden cutlery is now diverted from landfill.
- Phased replacement of handtowels in the terminal amenities with hand dryers.

Water

The airport has reduced water consumption through a combination of rainwater harvesting and efficiency upgrades, including:

- Implementation of urban sensitive land design substantially reducing the use of irrigation within the airport precinct.
- Rainwater tanks harvesting water from the terminal roof for use in amenities and landscaping.
- Toilet facilities upgraded to 4-star systems.
- Installation of water efficient taps and appliances to ensure less water usage.

Carbon Offsets

Sunshine Coast Airport have purchased 1,435 Australian Gold Standard Carbon Offsets to negate residual emissions.

Sunshine Coast Airport chooses to purchase Australian Carbon offsets to support the Australian offset market and protect and restore native forests.



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Acknowledgement of Country

Sunshine Coast Airport Pty Ltd (SCAPL) respectfully acknowledges the Traditional Owners and custodians of this land, the Kabi Kabi First Nation People.