

Looking After The Environment

Parafield Airport's vision and ongoing success is founded and maintained through innovation and sustainable growth in aviation and non-aviation facilities.

Parafield Airport Limited (PAL), as the airport operator, operates and develops Parafield Airport in accordance with the principles of sustainable development, recognising that the success of the airport can be enhanced by conducting business in a way that is environmentally, socially and economically responsible.

PAL integrates current and future environmental and social risks and opportunities through the implementation of a robust environmental management framework. This is critical in ensuring that the airport business thrives and is managed in a manner that can adapt and respond to changing demands.

Environment Strategy

PAL has developed a new Environment Strategy in accordance with the Airports Act 1996 and the Airports (Environmental Protection) Regulations 1997. This legislation establishes an environmental management regime that focuses on a cooperative approach, supporting and ensuring compliance with environmental standards at Australian leased airports.

The new Environment Strategy is presented in Master Plan 2024. It builds on the recent environmental commitments and achievements, and covers ground-based environmental aspects associated with the operation of Parafield Airport for the next eight years, including:

- [Energy and climate change](#)
- [Ground based noise](#)
- [Land and heritage management](#)
- [Local air quality](#)
- [Soil and groundwater](#)
- [Stormwater and aquatic ecology](#)
- [Waste management](#)
- [Water resources.](#)

This Environment Strategy includes the following:

- Environmental management objectives for Parafield Airport
- Current environmental status of the airport, including areas of environmental significance
- Sources of environmental impact associated with airport operations
- An outline of the proposed environmental studies, reviews and monitoring of current and future activities, and a timeframe for these studies to be conducted and reported on
- Proposed measures to prevent, control or reduce environmental impacts associated with airport operations and the timeframe for their completion
- Details and outcomes of consultation on the preparation of the strategy with stakeholders.

Key Achievements

PAL has delivered a number of significant environmental achievements since Master Plan 2017 that include:

- In 2017 and 2018, Adelaide Airport Limited (AAL) achieved Asset Sector Leader status for Airports in the Global Real Estate Sustainability Benchmark (GRESB) Infrastructure Assessment. The GRESB Asset Sector Leaders Award recognises the outstanding leadership across the environment, social and governance elements of Adelaide and Parafield airports
- In 2017, Parafield Airport achieved Level 3 (Optimisation) accreditation through the global Airport Carbon Accreditation program in recognition of the airport's success in reducing carbon emissions
- In 2018, the Parafield Airport Heritage Centre was opened and houses historical accounts and memorabilia from South Australia's early aviation pioneers and Parafield Airport
- PAL purchased a full-electric plug-in Nissan Leaf vehicle in 2018 and installed two charging stations at the Airport Management Centre, including one for use by tenants and public visitors. The Nissan Leaf was replaced with a Mitsubishi petrol hybrid electric vehicle in 2022
- In 2018, AAL signed a \$50 million seven-year Sustainability Performance Linked Loan with ANZ – the first of its kind in Australia – on behalf of Adelaide and Parafield airports. The loan incentivises the Airport to further improve its performance against a set of environmental, social and governance criteria
- Energy-saving improvements were completed for a number of PAL-owned buildings, including a heating, ventilation and air conditioning system upgrade, solar photovoltaic system installation, and LED upgrade
- In 2020, Parafield Airport became the first Australian airport to develop a Climate Adaption Plan
- PAL developed a range of new management plans and tenant guidelines, including Ozone Depleting Substances Guidelines, Energy Efficiency Guidelines, and an Air Quality and Noise Management Plan.

Environment Management Framework

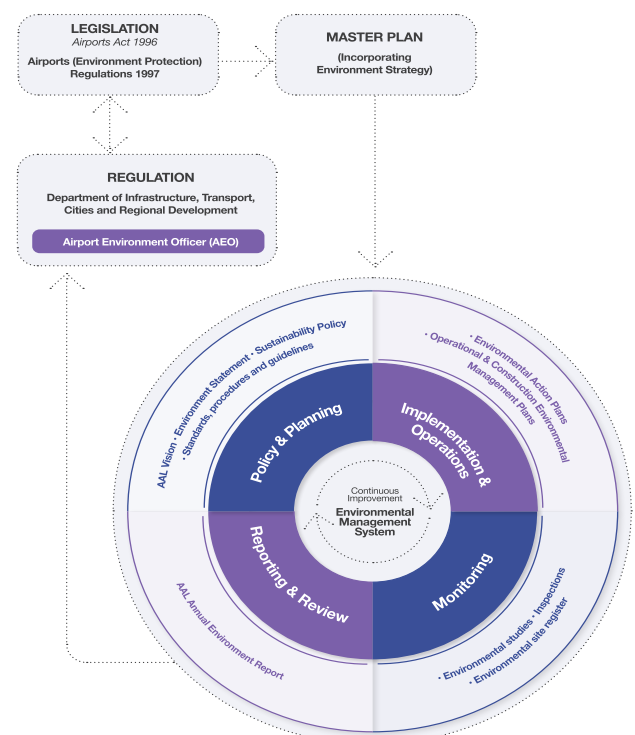
Environmental management at Parafield Airport is guided by the Environmental Management Framework. This Framework incorporates strategic policy and planning documents, as well as measures to comply with Commonwealth regulatory requirements.

Environment Management System

Central to PAL's environmental management is the Environmental Management System (EMS) which conforms to the requirements of ISO 14001:2015 and provides a structure for planning, implementing, monitoring, reporting and reviewing environmental management at Parafield Airport.

The EMS comprises four key areas which ensure a continuous improvement approach to environmental performance:

- Policy and planning
- Implementation and operation
- Checking and monitoring
- Reporting and review.



Parafield Airport Environment Management Framework

Environmental Key Objectives

Energy and climate change

- Support the aviation industry in its energy transition
- Measure and manage energy use, seeking opportunities to source cleaner and cost-effective, resilient alternatives
- Understand and mitigate physical and transitional climate risks, through active management of the airport's asset base

Water resources

- Smart use of water, improve efficiency and maximise opportunities for use of non-potable water

Stormwater and aquatic ecology

- Maintain and, where feasible, improve stormwater quality and aquatic ecosystems

Soil and groundwater

- Maintain and, where feasible, improve soil and groundwater quality

Ground based noise

- Ensure developments and airport activities comply with relevant ground-based noise regulations
- Proactively assess and manage potential ground-based noise exposure on the local community

Local air quality

- Ensure developments and airport activities comply with relevant air quality regulations
- Proactively assess and manage potential airport related air quality impacts on the local community

Waste management

- Reduce waste generation
- Increase reuse and recycling of products and materials
- Increase diversion of airport waste from landfill

Land and heritage management

- Minimising the risks presented by wildlife to aviation safety
- Promote communication and engagement with Kaurua traditional custodians
- Monitor and manage the ecological values of the vernal pools



Sustainability is at the core of the way Parafield Airport does business

Sustainability is at the core of the way PAL does business and looks to develop into the future. Through regular dialogue with stakeholders, PAL constantly improves its ability to anticipate and react to economic, social, environmental, and regulatory changes as they arise. PAL's shareholders are actively tracking environment, social and governance factors through benchmarking standards and are correlating better financial performance with better environment, social and governance performance.

PAL continues on a journey of embedding a common and consistent language of sustainability, and efficiently and effectively demonstrating its governance and performance credentials through benchmarking and reporting.

PAL's Sustainability Policy and Corporate Sustainability Strategy are the foundation for Parafield Airport's sustainability journey. Together, they provide a documented commitment to sustainability that is core to business planning, development and operations. PAL is committed to sustainable business practices to ensure a healthy and safe environment for its employees, airport tenants and visitors, and the community.

The ongoing work in the core areas of environment, social and governance has been recognised through AAL achieving Asset Sector Leader status for Airports in the Global Real Estate Sustainability Benchmark (GRESB) Infrastructure Assessment in 2017 and 2018. The GRESB Asset Sector Leaders Award recognises outstanding leadership across the environment, social and governance elements of Adelaide and Parafield airports. In 2013, Parafield and Adelaide airports were the first airports in Australasia to receive Level 1 accreditation under the independently assessed global Airport Carbon Accreditation program run by Airports Council International. In 2015, Parafield Airport became the first general aviation airport to achieve Level 2 (Reduction) accreditation, and in 2017 achieved Level 3 (Optimisation) accreditation in recognition of the airport's success in reducing carbon emissions.

Parafield Airport also has an important role to play in the long-term sustainability of the aviation industry by providing airport facilities and an operational environment that continues to support world-standard pilot training activities.



Parafield Airport has an electric vehicle charging station located for public use at the Airport Management Centre, Tigermoth Lane.