Master Plan Overview
Adelaide Airport is the aviation gateway to Adelaide and South Australia. The airport’s significance to both Adelaide and South Australia continues to increase; both in terms of being an essential passenger and freight hub situated only six kilometres from the Adelaide CBD, and as a major employment and business centre.

Adelaide Airport is operated by Adelaide Airport Ltd (AAL). Adelaide Airport was transferred from the Commonwealth Government to AAL in May 1998, with a 50-year lease and an option to extend the lease for a further 49 years. The lease requires AAL to operate the site as an airport, as well as allowing for other development to support the economic viability of the airport.

The Adelaide Airport Master Plan 2019 (Master Plan 2019) outlines the vision for the growth of Adelaide Airport over the next 20 years, in terms of both aviation capacity and commercial developments. It sets out the requirements for future facilities, infrastructure, ground transport and services that will ensure that the airport continues to deliver on investments to meet our stakeholder’s needs, and continues to develop as an airport that South Australians can be proud of.
About the Master Plan

The Master Plan 2019 outlines the vision for the development of Adelaide Airport to support the continued growth of air travel and the State economy. Continuing to focus on sustainable outcomes, improved customer experience and finding innovative solutions, short- and longer-term planning and delivery of facilities, infrastructure, ground transport and utilities will ensure the airport continues to serve the people of South Australia.

As the operator of Adelaide Airport, AAL is required to prepare a Master Plan in accordance with the Airports Act 1996 (Airports Act) for approval by the Commonwealth Government.

The Master Plan 2019 has been prepared in accordance with the Airports Act and is the primary planning document for the next eight years to 2027 and also presents the long-term strategic plans for the 20-year period through to 2039.

Delivering on our promise

Adelaide Airport has continued to evolve and develop in line with the requirements and opportunities identified in Master Plan 2014. Many of the developments outlined in the previous Master Plan have been realised. The Atura Hotel has been built and opened, while the Terminal Expansion Project (TEX) has commenced, which will see new international facilities and improved customer experience for both domestic and international, as well as greater choice of retail offerings across the terminal.

Commercially, new development and businesses have progressed including, Beau’s Pet Hotel, OZ Minerals Office, Australian Clinical Labs, Kennards Self Storage, MedSTAR Helicopters, Royal Flying Doctor Service, KickStart for Kids Warehouse, Pilatus Australia and AFL Max; while others have been approved or are in the planning phase. These offerings add to the commercial ecology at the Airport Business District and attract additional people and businesses that are drawn to the strengths of the location and access to transport, freight and logistics.

The forecast growth and subsequent plans for aviation and airside facilities identified in the Master Plan 2014 have ensured that the airport facilities keep pace and continue to offer a great customer experience. AAL has continued to update facilities including planning for aviation-support facilities and improved efficiencies of existing aircraft pavement areas.

Delivering exceptional outcomes

Adelaide Airport Limited’s vision is:

“…to be a top tier airport business in Asia Pacific, recognised for delivering exceptional outcomes to its customers, partners, shareholders and community”.

In delivering on AAL’s vision for the airport, developments outlined in this Master Plan focus on achieving greater customer experience, striving for innovative solutions and achieving sustainable outcomes.

The following development objectives guide future investments in facilities and infrastructure for the airport.

- Contribute to Adelaide and South Australia’s economic growth
- Work closely with airlines, government, and the community
- Embed sustainability in all that we do
- Prioritise customer experience
- Protect the safety and security of assets and people
- Deliver innovative solutions for all airport users
- Deliver infrastructure to support operations and the commercial viability of the airport
Building the airport of tomorrow

The Adelaide Airport of tomorrow will feature new technologies and processes that make the customer experience faster, easier and more intuitive.

Such technologies and other innovations will improve customer experience, optimise operations and reduce disruptions. Technologies already being implemented at Adelaide Airport include the progressive upgrade from conventional check-in counters to self-service check-in and bag drop, use of permanent bag tags to replace paper bag tags, and SmartGate automated self-service border control services.

The development and implementation of this Master Plan includes building infrastructure, but it is also about thinking innovatively to deliver solutions that are right for AAL customers, inclusive of passengers, tenants, airlines and commercial businesses located at the airport.

Innovation is not just centred on passenger processing; this approach is also applied to AAL’s commercial endeavours. AAL continues to work with current and potential tenants to integrate innovative developments across the Airport Business District. This has been showcased with the state-of-the-art pathology laboratory which has recently opened in Burbridge Business Park and the new AFL Max facility, which is the first of its kind in Australia and will use leading edge technology to help train young footballers.
Driving South Australia’s economy

Adelaide Airport is a significant transport hub, moving passengers and freight to and from destinations in South Australia, nationally and internationally. The airport connects people, places, communities and businesses, and makes a significant contribution to the State’s economy.

Since Master Plan 2014, total employment at Adelaide Airport (direct and induced) has significantly grown by more than 5,000 jobs and the airport’s contribution to the Gross State Product (GSP) has risen by more than $1 billion to some $2.98 billion - equivalent to 3.1 per cent of South Australia’s GSP.

During this period, annual passenger movements have steadily increased from almost 7.5 million to 8.5 million. The airport now connects to more than 300 destinations directly or via one stop.

Snapshot of Adelaide Airport in 2018

- **8.5m** passengers in 2018
- **130** businesses on site
- **785** hectare site
- **58,500** tonnes of freight
- **$2.98b** added to SA Economy in 2018 (3.1% of GSP)
- **106,075** aircraft movements in 2018
- **2 runways, 1 terminal**
- **4.2/5** Airport Service Quality score
- **11pm - 6am** curfew
- **12%** Carbon emission reduction in 2018
- **9%** Renewable energy generation in 2018
- **10,000+** direct jobs
- **12,600+** induced jobs
- **300+** Overseas destinations (directly or via one-stop connections)
Passenger and aircraft movement forecasts fundamentally influence the development and timing of infrastructure. Passenger movements at Adelaide Airport are forecast to increase from 8.5 million in 2018 to 19.8 million in 2039. This passenger growth is supported by additional aircraft movements, however forecast aircraft movement growth is anticipated to be at a significantly lower rate from 106,000 movements in 2018 to 168,500 movements in 2039.
**Facilitating sustainable growth in Air Freight**

Adelaide Airport will continue to develop Airport East as a major freight, transport and logistics hub with direct access to major arterial routes including the North-South Corridor. South Australia’s total air freight in 2018 was 58,000 tonnes. Air freight capacity at Adelaide Airport is expected to increase as air traffic movements increase. Air freight is expected to more than double over the next 20 years to 146,000 tonnes in 2039, with the majority to continue to be in cargo holds of scheduled passenger flights.

Air freight also plays a key factor in the sustainability of passenger services, particularly international services, with the success of any new routes or increased capacity predicated on the ability to match passenger growth with air freight growth.

**Delivering exceptional Customer Experience**

Adelaide Airport’s Terminal 1 is an integrated terminal for all international, domestic and regional passenger flights. The 71,000 square metre terminal building, over three levels, provides aesthetic, modern and efficient facilities to meet the needs of the travelling public, airlines and operators. It was opened in 2005.

Construction commenced in August 2018 on the Terminal Expansion Project (TEX). TEx will significantly upgrade international arrivals and departures and create more retail and dining options for domestic and international travellers.

TEX will ensure Adelaide Airport continues to provide the highest level of customer experience for all travellers well into the future. It aims to upgrade and expand the main terminal at Adelaide Airport to support the continued increase of international passengers and is scheduled for completion in mid-2021.

Adelaide Airport will continue to develop and expand Terminal 1 to:

- Meet the growth in new or expanded services
- Improve customer experience and delight customers
- Reduce processing times and ensure streamlined flows from drop-off to aircraft and vice versa
- Adapt to new legislation
- Improve safety
- Adapt to new and emerging technologies

No major runway developments are foreseen in the 20-year planning period for this Master Plan. AAL continues to preserve and maintain land for a future third runway.
Exciting Commercial Developments

Supporting its role as a major transport, employment and economic hub, the Airport Business District is a major ‘business activity centre’ within metropolitan Adelaide. It is vital that any developments on Adelaide Airport land are developed in a manner that is compatible with adjacent land uses and also without compromising the airport’s operational integrity and economic viability.

The Adelaide Airport Business District, which covers the entire airport site, is divided into seven distinct precincts, including:

- Runways Precinct
- Terminals & Business Precinct
- Airport East Precinct
- Morphett Precinct
- Tapleys Precinct
- West Beach Precinct
- Torrens Precinct

Throughout the seven Precincts there are currently more than 130 businesses operating at Adelaide Airport. AAL will continue to develop airport land for both aviation and commercial activities by attracting world class businesses that support employment and economic growth in Adelaide and South Australia.

Key focus areas will be the development of the Airport Business Park in the Terminals & Business Precinct and development of Airport East to facilitate streamlined freight and logistics operations.

Getting to and from Adelaide Airport

Ground transport planning is critical to the efficient operation of Adelaide Airport. Ground transport consists of roads for passenger, staff, taxi/rideshare and freight vehicles, pick-up/drop-off facilities, public transport, and cycleways.

Each day there are approximately 54,000 vehicle movements into and out of the airport, and by 2039 this is expected to reach 126,000 daily vehicle movements. As Adelaide Airport grows, it is essential that ground transport infrastructure is expanded or developed to cater for this growth.

Adelaide Airport will continue to work closely with the South Australian Government and surrounding local government authorities to ensure future Adelaide Airport operations are reflected in strategic network planning. In particular, this includes connectivity of the airport to the major North-South Corridor and the Adelaide CBD for both passenger and freight movement, together with the introduction of a primarily one-way road network servicing Terminal 1.

The increased use of public transport to Adelaide Airport continues to be a high priority for both the airport and the South Australian Government. Provision for a high capacity public transport corridor servicing the airport is included in this Master Plan.

There have and will continue to be substantial developments in emerging and innovative transport technologies, some of which include autonomous vehicles, air taxis (airborne rideshare) and the use of drones for parcel delivery. While these technological advances have the potential to improve access and connectivity, they may also create challenges for ground transport systems and other infrastructure associated with the airport. Adelaide Airport will continue to monitor and respond to such emerging technologies.
Safeguarding the Airport

The safety of aircraft operations to and from Adelaide Airport, and the capacity of the airport to operate and respond to growing demand, can be directly impacted by inappropriate land use and activities that occur on the land surrounding the airport.

Long-term and effective protection and safeguarding of Adelaide Airport is critical to ensuring ongoing aviation operations and safety. The safeguarding of the airport, which refers to measures taken to minimise inappropriate land uses and activities, is the shared responsibility of Adelaide Airport and all levels of government.

This Master Plan has been prepared taking into consideration the National Airports Safeguarding Framework (NASF), guidelines to protect the ongoing operation of Australian airports.

Protection of the airspace around Adelaide Airport is critical to ensure safe and ongoing operations of the airport. Adelaide Airport will endeavour to work with development proponents to encourage development below the Obstacle Limitation Surfaces (OLS), but cannot support developments which potentially infringe the Procedures for Air Navigation Services – Operations (PANS-OPS) protected airspace.

Managing Aircraft Noise

The Master Plan outlines current and future aircraft noise exposure of areas surrounding Adelaide Airport and details the airport’s approach to aircraft noise management.

The existing curfew operating at Adelaide Airport between 11:00pm and 6:00am remains unchanged. The Adelaide Airport Curfew Act (2000) has always allowed some approved aircraft to operate during curfew hours, mainly for medical emergency flights and delivery of freight and mail.

There are a broad range of programs in place to manage aircraft noise around the airport.

The Australian Noise Exposure Forecast (ANEF) system is the aircraft noise exposure forecasting system currently adopted in Australia for land use planning. The ANEF system provides a scientific measure of noise exposure from aircraft operations around airports, providing guidance on the siting and construction of new buildings against aircraft noise intrusion and on the acoustical adequacy of existing buildings in areas near airports. A revised ANEF for Adelaide Airport is included in the Master Plan.
Looking after the Environment

Adelaide Airport has developed the Environment Strategy in accordance with the Airports Act and the Airports (Environmental Protection) Regulations 1997 (AEPR). The Airports Act establishes an environmental management regime that focuses on a cooperative approach, supporting and ensuring compliance with environmental standards at federally-leased airports.

Central to Adelaide Airport’s Environmental Management is the Environmental Management System (EMS). The EMS conforms to the requirements of International Standard ISO 14001:2015 and provides a structure for planning, implementing, monitoring, reporting and reviewing environmental management at Adelaide Airport.

The Environment Strategy covers ground-based environmental aspects associated with the operation of Adelaide Airport, including:

- Energy
- Water resources
- Stormwater and aquatic ecology
- Soil and groundwater
- Ground based noise
- Local air quality
- Waste
- Land and heritage management

AAL is committed to the effective management of environmental impacts across the airport site and Environmental Action Plans are in place for the above environmental aspects.

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

AAL has developed a Corporate Sustainability Strategy, which is underpinned by the Sustainability Policy and provides a framework for integrating sustainability throughout the business and aims to deliver value to all stakeholders.

AAL is committed to sustainable business practices to ensure a healthy and safe environment for its employees, passenger and airline customers, and the community.

AAL’s ongoing work in the core areas of environment, social and governance has been recognised through Adelaide Airport being ranked the number one airport globally in the Global Real Estate Sustainability Benchmark (GRESB) for participating airports in 2017 and 2018, establishing itself as a leader in sustainability both within Australia and internationally.

In December 2018, AAL signed a $50 million seven-year Sustainability Performance Linked Loan with ANZ – the first of its kind for any corporate in Australia – that incentivises a borrower to further improve its performance against a set of environmental, social and governance criteria.

AAL was the first Australian Airport to achieve level 3 ACI Carbon Accreditation for managing its own emissions as well as those of its partners.

AAL’s Sustainability Policy and Corporate Sustainability Strategy is the foundation for AAL’s sustainability journey. Together, they provide a documented commitment to sustainability that is core to business planning, developments and operations.
Have your say

Adelaide Airport’s approach to consultation is focused on creating robust, transparent and collaborative communications, using creative, innovative and engaging techniques to interact with the community.

Adelaide Airport is committed to continued engagement with Commonwealth, State and Local Government authorities, aviation operators, airport tenants and the community through a range of techniques and forums.

More information
For more information, please refer to Master Plan 2019 at www.adelaideairport.com.au where you can
• download the document;
• find out where hard copies are available to view; or
• find out where and when you can attend an Open Day and speak to the Adelaide Airport team about the Master Plan.

Public Comment Submissions
The stakeholder, community input and feedback is an important part of the Preliminary Draft Master Plan process. Your feedback is welcomed as we work to finalise the Master Plan prior to submitting to the Commonwealth Minister for consideration.

The Adelaide Airport Preliminary Draft Master Plan 2019 is on public exhibition from 05 August 2019 for sixty (60) business days until COB on 28 October 2019.

Submission can be emailed or posted to Adelaide Airport Limited. All submissions must be received by COB 28 October 2019. When making a submission, be sure to include your name and address, and submit your comments via:

• Email: aamasterplan@aal.com.au
• Mail: Master Plan 2019 Submissions
  Adelaide Airport Limited
  1 James Schofield Drive
  Adelaide Airport
  SA 5950

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Making a submission