

In 2015, Melbourne Airport also completed the construction of the new Gate 22 Guardhouse. The Guardhouse provides enhanced security capabilities and modern accommodation for airport security staff.

Work on replacing 40-year-old taxiways at Melbourne Airport, part of the Taxiway Concrete Replacement Project, which has been ongoing in the apron areas for the last three years, is ahead of schedule and reached practical completion at the end of April 2016. The project team is continuing to work closely with airlines to minimise disruptions to airfield operations during this time.

Adelaide counts to TEN

At Adelaide Airport, construction of a tow-off apron as part of aircraft parking expansion at the northern end of the main terminal has been completed, allowing for parking for an additional three domestic aircraft or one widebody international aircraft.

The Terminal Expansion North (TEN) project has begun and is currently in a detailed design and stakeholder consultation phase.

Construction of the largest airport rooftop solar power system in Australia is nearing completion, with a 1.17 MW array of 4,500 panels over an area of 8,000 m². Rooftop solar power is expected to offset 100% of the airport's five-storey car park's electricity consumption, with excess power generated to be used within the airport itself. It will reduce the airport's overall energy consumption and carbon emissions by close to 10%.

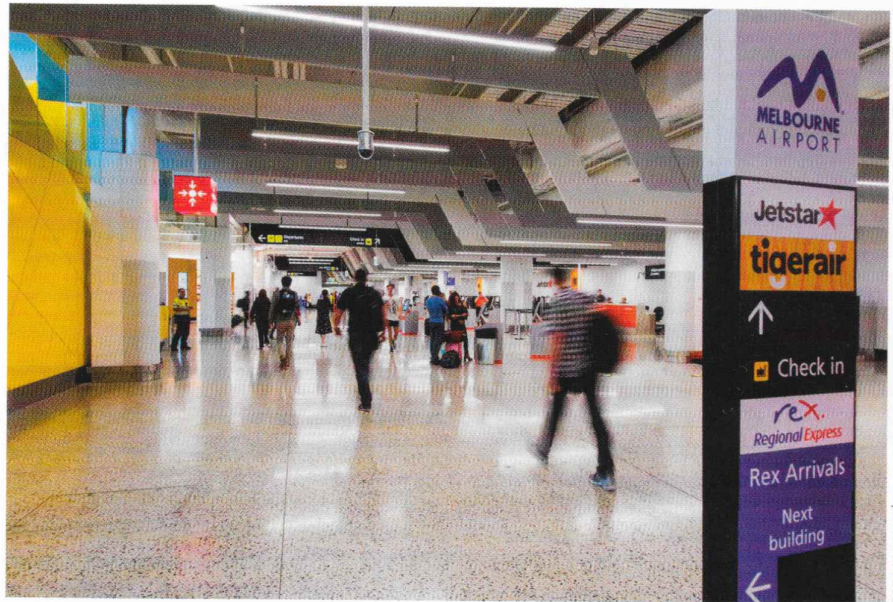
Punctual Perth finishes first phase

In Western Australia, the first phase is almost finished in a privately funded, AUD1 billion redevelopment programme at Perth Airport. In the first stage, all terminal facilities are being expanded, upgraded, or constructed to improve customer experience. Ultimately, all commercial air services will be consolidated into one precinct – to be known as Airport Central.

As well, a range of airfield and associated infrastructure works have improved efficiency. Perth is consistently rated the best performing airport in Australia for on-time departures and the second best for arrivals.

Redevelopment includes expansion of international arrivals infrastructure in T1. A new international arrivals area opened in November 2013 and the remaining aspects were completed by mid-2015. This AUD80 million project doubled the size of inbound immigration, baggage reclaim, and quarantine areas.

T1 is also home to Virgin Australia's domestic



Terminal 4 at Melbourne Airport opened in December 2015.

operations, allowing passengers to transfer seamlessly between regional, interstate, and international services in one convenient location. An AUD200 million project was completed in November 2015 and features 12 new passenger boarding bridges, a central retail area, and 28 new check-in kiosks.

Expansion of the T1 International Departures area includes newly refurbished retail and dining areas on levels 1 and 2, a departures lounge that services two A380-compatible gates, and an expanded outbound immigration and security screening area. The AUD157.5 million project is due for completion in 2016.

An AUD54 million development of the T1 forecourt expansion and retail and dining hub will be completed in stages during 2016. Once finished, passengers will enter T1 via covered walkways and through a 27 m landscaped plaza, where they can dine in new food and beverage outlets and shop in speciality stores opposite international check-in.

Big build for Brisbane

The multimillion dollar Domestic Southern Apron expansion at Brisbane was delivered in mid-2015. This allowed the airport to operate the only dual apron taxiways in Australia, resulting in simultaneous arrival and departure of aircraft and increasing efficiency for airlines. With an extra 50,000 m² of aircraft pavement, the project also delivered seven new aircraft parking bays, giving airlines the capacity to increase scheduled services and allowing extra space for aircraft layover parking.

Brisbane Airport Corporation (BAC) is planning an AUD62 million expansion north of the Domestic Terminal with works set to begin from mid-2016. The work is a direct result of sustained growth in flights and is required to meet the forecast increase in regional demand, as well as the future plans of low-cost carrier airline operations. The expansion will result in an extra 70,000 m² of new apron pavement, new aircraft taxi lanes, and 15 new aircraft parking bays.

From late 2016, plans are under way to build a new AUD40 million Regional Satellite at the northern end of the Domestic Terminal Building (DTB), part of an overall AUD100 million expansion of the precinct. The satellite will be approximately 300 m away from the existing DTB and will be linked via a walkway, including travelers. It will have 10 new boarding gates, as well as 2,000 m² of space including passenger departure area, food, beverage, retail tenancies, amenities, and service areas.

The Domestic Terminal Check-in and Baggage Reclaim Upgrade project was completed in mid-2015 and delivered an innovative, efficient, and digitised check-in service; automated bag drops and improved baggage reclaim facilities in the heart of a busy terminal which services more than 17 million passengers each year. During construction, the terminal continued to operate 24/7 and process approximately 50,000 people a day. The project delivered new airline service desks, eight new and 12 relocated self-service check-in kiosks, eight new automatic bag drops, more baggage reclaim facilities, new screening facilities, new offices and