

## OVERVIEW



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- Growth
- Investment
- Timing

### PROJECT UPDATE JULY 2017

### BRISBANE'S NEW RUNWAY OVERVIEW

**Brisbane Airport is an important gateway to Australia and is recognised as a key driver in the long-term growth of the Queensland and Australian economies.**

- Forecasts indicate that the number of passengers wishing to travel per year will grow from 22.7 million passengers in FY17 to around 50 million by 2035
  - To service this forecast demand, Brisbane Airport Corporation (BAC) is investing \$2.2 billion between FY17-FY21 in capacity related infrastructure
  - Central to this is the construction of Brisbane's new runway system which will cost approximately \$1.3 billion
  - The project consists of a new 3,300 metre long runway, more than 12km of taxiways, navigational aids, airfield infrastructure and hundreds of hectares of airfield landscape
  - When opened in 2020 Brisbane's new runway will effectively double capacity delivering the ability for Brisbane Airport to meet the needs of its community (both domestic and international) well into the future, 2050 and beyond
  - The consolidation of the site is performing as predicted which will achieve the formation of a solid base to commence construction of the runway by 2018
  - A complex soft soil engineering geotechnical model consisting of the placement of a total of 11 million m<sup>3</sup> of sand working in combination with 330,000 vertical wick drains was implemented
- Phase 1 construction (Sept 2012 – June 2015) – Ground improvement works**
- Given the poor strength of soils on the site, significant ground improvements, in the form of expedited compression and consolidation were necessary to create a stable platform on which to build the new runway system
- Phase 2 of the project (August 2016 – 2020) – Construction of the runway system and airfield infrastructure**
- The bulk of the Phase 2 works, are to be delivered in two separate contracts, with the Dryandra Road and Airfield contracts kicking off in 2017
  - Brisbane's new runway was subject to a combined Australian Government approval process for a Major Development Plan (MDP) and Environmental Impact Statement (EIS), which was approved in September 2007
  - During the EIS, BAC undertook extensive public engagement and this same approach to community involvement will be maintained during the construction and opening of Brisbane's new runway
  - Brisbane's new runway is scheduled to be commissioned and operational in 2020

**About Brisbane Airport:** Brisbane Airport is the third busiest airport in Australia and operates 24 hours a day, seven days a week. It is Australia's largest capital city airport (by land size) and has two major terminals providing services to 31 airlines flying to 80 international and domestic destinations. In FY17 Brisbane Airport welcomed more than 22.7 million passengers through its facilities.



- 1 Future space for aviation facilities
- 2 Underpass under link taxiways
- 3 Car park
- 4 Space for future Domestic Terminal
- 5 Conservation areas
- 6 Kedron Brook floodway
- 7 Approach lighting

*This artist's impression is representative of Brisbane's new runway.*