

EXECUTIVE SUMMARY

This preliminary draft of the Brisbane Airport 2020 Master Plan has been produced for public review and comment. A statutory requirement under the Airports Act 1996, Airport Master Plans are updated every five years and contain information on all aspects of airport operations for the next five years, as well as considerations of investments and initiatives that may be required over a planning horizon of twenty years.

Due to be published following approval in early 2020, the Brisbane Airport 2020 Master Plan outlines the 5 year strategy for the ground transport plan, proposed development pathways and their likely effect and details of how environment responsibilities will be managed at the airport through to 2025. The Master Plan also includes consideration of possible development initiatives over a 20 year planning horizon.



PLANNING FOR GROWTH

The central theme of the Brisbane Airport 2020 Master Plan is one of planning for growth and creating Brisbane Airport's future. As Australia's largest capital city airport by land size, flying to more than 80 destinations in Australia and the rest of the world, Brisbane Airport plays a critical role, not just in connecting people, but in driving the future economic prosperity of the region.

PASSENGER GROWTH

Currently serving more than 23 million passengers a year, the aviation and passenger forecasts commissioned for this Master Plan predict an increase in passenger movements of more than double the current levels.

Aircraft movement forecasts, including general aviation movements, are forecast to increase to an estimated 380,000 annual movements by 2040.

A combination of continued population growth in Brisbane and Queensland and an unprecedented level of capital investment in the city of Brisbane and surrounding areas are both catalysts in creating a greater demand for both more frequent flights and for the addition of new international destinations.

ECONOMIC GROWTH

The theme of growth, central to this Master Plan is underlined by the economic projections that PricewaterhouseCoopers provided as part of the planning process.

Brisbane Airport's total economic contribution to the Australian economy is forecast to grow from its current figure of \$4.7 billion per annum to an estimated \$8.7 billion by the year 2040, a real annual growth rate of 3.1 per cent.

Together, the direct and indirect economic contributions of Brisbane Airport are estimated to currently account for approximately 1.3 per cent of Queensland Gross State Product.

JOBS GROWTH

With more than 23,000 people working on the airport site, employment at Brisbane Airport is estimated to provide \$1.5 billion annually in employee wages to Queensland families, with a further \$818 million earned through the associated supply chains.

In line with a strong economic outlook for the region, employment at the airport is forecast to grow by 3.1 per cent per year, with direct employment at the airport forecast to reach a figure of more than 46,000 jobs by the year 2040.

THE GROWTH OF BRISBANE

In the five-year planning horizon of this Master Plan, the City of Brisbane looks set to be transformed by a number of major construction projects worth approximately \$31 billion.

Together these projects represent a major step forward for the city and for its economy.

THE IMPORTANCE OF BRISBANE'S NEW RUNWAY

Once open, the new parallel runway effectively doubles the capacity of the airport. By providing the services and facilities that allow Brisbane to become a globally connected city, Brisbane Airport is creating the investment confidence that underpins the city's plans for future growth.

Economic forecasts estimate that the new runway will contribute an annual figure of more than \$1 billion directly to the Queensland economy, a figure set to more than double over the twenty-year period of the Brisbane Airport 2020 Master Plan.

INTRODUCING THE BNE AUTO MALL

Also due to open in the time frame of this Master Plan is the ground-breaking new BNE Auto Mall, a unique development that will change the face of car retailing in the region.

The first of its kind, the development includes a test track and a host of associated facilities

Open 24/7 and already the subject of a great deal of enthusiastic anticipation from the automotive industry, the BNE Auto Mall is certain to increase visitation to the airport, creating new jobs and greater prosperity for the region.



CAPACITY AND EFFICIENCY UPGRADES

BRISBANE'S NEW RUNWAY

Since the very first days of the planning for Brisbane Airport on its current site, a wide-spaced parallel runway system in a north-south alignment has been a key feature of the ultimate development vision.

A proposal for construction was included in the Brisbane Airport Master Plan in 2003. Following review, including community and stakeholder consultation, the construction plan and associated environmental plan was approved in 2007.

This Master Plan contains the full history of the construction of the runway, an eight year project that included the movement of 11 million cubic metres of sand from Moreton Bay to the future runway site while the airport remained fully operational.

Once open in 2020, Brisbane's new runway will create significant new opportunities for the region. With the most efficient runway system in Australia, Brisbane Airport will be well placed to meet the development objective of increasing the choice of destinations and increasing the frequency of services, together connecting Brisbane to the world better than ever before.

TERMINAL DEVELOPMENT

Since 2014, baggage handling systems, check in and bag drop facilities have been upgraded in both the Domestic and International Terminals, with both terminals undergoing expansion. Airside enhancements have included upgrades to taxiways and the expansion of the International Terminal Northern Concourse and apron.

These and other projects anticipate the forecast increase in passenger demand and the likely increases in the numbers of airlines using Brisbane Airport.

The Terminal Development Strategy outlines how Brisbane Airport Corporation will respond to this growth, including the expansion of existing International and Domestic Terminals, as well as identification of areas for new terminal expansion(s).

The strategy is intentionally flexible to allow response to changing drivers and presents outline development strategies for the next five years, as well as potential development pathways over a 20-year planning horizon.

Aviation support facilities and services have been considered for both existing operations and future requirements.

New precincts for expanded aviation support facilities are identified, including a potential airside road connection.

GROUND TRANSPORT

Research shows that ample capacity exists in the Brisbane Airport transport network to meet demand. The popular pick up and drop off facilities located close to the two terminals are used by more than a third of daily visitors.

Investment since 2015 in an inter-terminal transport facility as well as enhanced services for operators and passengers of taxi, ride share and bus services have also anticipated the continuing growth in passenger demand.

This Master Plan outlines plans for further enhancements to roadways and intersections as well as kerbside improvements at both terminals.

The 2020 Ground Transport Plan also includes details of projects being considered over the longer term. It considers both a potential future mass transit system and an opportunity to work in partnership with Airtrain and the Queensland Government on providing a new train station at Skygate.

Both projects have the potential to further enhance the satisfaction of customers using airport services and will be considered in line with relevant planning and development legislative requirements.

ENVIRONMENTAL RESPONSIBILITY

In all aspects of planning, Brisbane Airport remains committed to preserving the environment and acting sustainably. With 10 per cent of the airport site dedicated to bio diversity, long term environmental sustainability is a fundamental tenet of Brisbane Airport Corporation's operating philosophy and intrinsically linked to the successful attainment of economic, operational and social objectives.

Since the publication of the 2015 Master Plan, new environmental initiatives at Brisbane Airport have included the introduction of an electric bus fleet which reduced carbon emissions by 250 tonnes a year, the installation of a recycled water pipeline, the installation of a large scale solar power system and the commencement of a food recovery programme sending unused food to the needy.

The project to construct the new runway met every obligation in its environmental plan.

In addition to providing details of these and other environmental initiatives already in place, The Brisbane Airport 2020 Master Plan Environment Strategy highlights twelve areas of focus in terms of environmental responsibility for the next five years.

CLEANER AIR	SUSTAINABLE DEVELOPMENT	WATER CONSERVATION
BEST PRACTICE WATER QUALITY MANAGEMENT	REDUCING GREENHOUSE GAS EMISSIONS	PROTECTING BIODIVERSITY
SOIL AND GROUNDWATER MANAGEMENT	CLIMATE CHANGE ADAPTATION	PRESERVING AND PROMOTING OUR HERITAGE
MINIMISING GROUND-BASED NOISE	REDUCING WASTE	TENANT AND CONTRACTOR COMPLIANCE



In all, 26 key objectives are nominated against these twelve areas of focus, with each area of focus also including detailed action plans to ensure that any investment in construction and new facilities is sustainable and meets Brisbane Airport Corporation's ongoing commitment to environmental responsibility.

CUSTOMER SATISFACTION

In the digital age, planning for the future is a challenging task, with many large industries experiencing disruptive shifts to new working models. Brisbane Airport's 2020 Master Plan has been designed to both anticipate the known future and to retain the flexibility to review services as passenger and business needs change.

This Master Plan outlines Brisbane Airport's long-term plans for ensuring that as passenger numbers continue to grow, the facilities offered continue to provide safe and efficient services to make people's journeys easy and worry free.

Passenger safety and aviation security remain focal points of all airport operations and the Master Plan includes details of improvements to baggage and passenger screening facilities due to be introduced in the next twelve months as a result of a change in legislation.

As part of an "access for all" approach, Brisbane Airport Corporation (BAC) considers the needs of passengers of all ages and those with a disability when designing future plans to ensure that journeys are as intuitive and simple as possible.

BAC works directly with a range of community and special interest organisations as well as attending local fairs and events to ensure that neighbours, partners and all airport visitors are kept well informed of changes to airport operations.

The Airport Accessibility reference group meets bi-annually to discuss options to maintain a high level of accessibility at the airport, while the Brisbane Airport Community Aviation Consultation Group brings together representatives of all levels of Government, the aviation industry, and members of the community to discuss topics including airport developments, airport operations and terminal access. Independently chaired, the group meets three times per year.

Over the past two years, more than 250 meetings or forums have been held to discuss this preliminary draft of the 2020 Master Plan, with input from more than 1,250 individuals. That programme of public engagement continues with the publishing of this draft for public comment. If you wish to know more about how you can comment on this plan, please go to the Brisbane Airport website at www.bne.com.au

