

## **Three Cities Metropolis Vision (Part 3)**

The Western Parklands City & Sydney Aerotropolis, the green-inspired multi-billion new Airport city

To conclude this thread on the Greater Sydney Commission's Three Cities Metropolis Vision articles, this paper focuses on how the newest Western Parkland City will further transform Sydney into global high-tech capital. A perfect transition for a post-covid life?

With the Western Sydney Aerotropolis plan, Sydney is set to become a Metropolis city in 5 to 6 years. The Aerotropolis vision which comprises a multi-billion-dollar investment plan at Badgerys Creek is taking shape to complement the Greater Sydney Commission's Three Cities Metropolis Vision plan. The Aerotropolis - based on the terms "aero-" and "metropolis" - project features a conglomerate metropolitan subregion which develops infrastructures, land use and an economy centred on an airport. The project outlaid investment of \$5.3 billion, only for the airport, \$3.6 billion on the road network, \$2.5 billion on hospital upgrades and an unspecified investment in railway infrastructure.





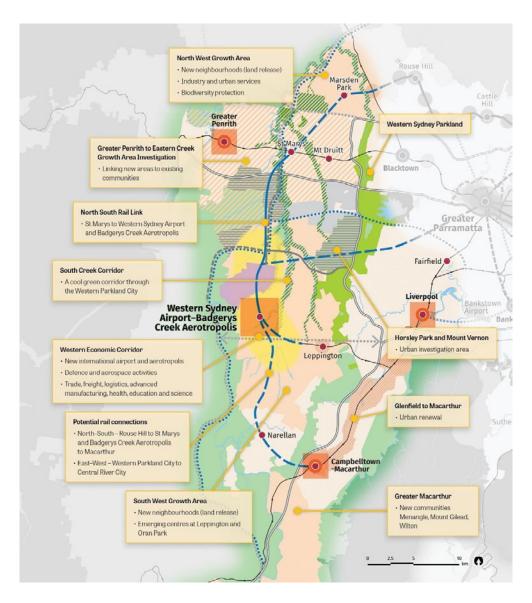
Benefiting from proximity to the new Western Sydney International (Nancy-Bird Walton) Airport, the Aerotropolis will contribute towards 200,000 new jobs in the Western Parkland City and become a high-skill jobs hub across aerospace and defence, manufacturing, healthcare, freight and logistics, agribusiness, education and research industries.

On a different note, building roads and rail connections to link South-West and North-West Sydney will be essential to form the 'Greater Sydney'.

To connect Sydney to the World, a Memorandum of Understanding has been signed with the NSW Government and FedEx to support the design and development of a new freight and logistics hub.

"The 24/7 freight and logistics hub will be a cutting-edge facility that allows fresh produce to be transported from local paddocks to international plates in under 36 hours and open up a global market for farmers and local businesses in Western Sydney," Ms Berejiklian said.(1)

The freight and logistics hub, to be built on the doorstep of the Western Sydney International Airport, will be supported by automated technologies and include digital capabilities that are having a big impact in the way goods are moving around the world.





The Aerotropolis will develop progressively across ten precincts that will include a range of land uses such as businesses, homes, schools, parks, and environmental conservation. The ten precincts are:-

1. The Aerotropolis Core to become a place for workers, residents and visitors. The core will include a majority of commercial and residential developments, but also retail, hospitality cultural and green open spaces to maintain a well-balanced lifestyle.



2. **An Agribusiness Precinct** which will be producing fresh food in climate-controlled greenhouses. The precinct will probably be the food provider for all residents and hospitality businesses. It will also develop the import-export food trade market in between Sydney and overseas metropolis cities, having the ability to get food from a Western Sydney paddock to a plate on the other side of the world in just 36 hours or fresh produce to be delivered to China in 9 hours.





3. **Badgery's Creek precinct**, an extension to the Nancy-Bird Walton's airport supporting airport's operations and development, resource recovery and retail. The precinct will mainly bring more space for retail and commercial property development.



4. **Mamre Road zone**, recently approved by the NSW Government, the freight infrastructure area valued at 2.6 billion will connect warehousing, logistics, manufacture and circular economy operations.





5. **Northern Gateway**, an entry and exit to the airport including several key transport links such as the M12 and Metro Greater West. Major road infrastructure and development will be key for this brand-new developed area.



6. A natural and bio-diverse precinct: **Wianamatta-South Creek**, for a shaded lifestyle and community facilities. Connectivity from Wianamatta-South Creek and its tributaries into the adjacent precincts landscaped to create extended 80kms green corridors, whilst noting the need to limit wildlife attraction within the vicinity of the airport.





7. **Dwyer Road precinct** comprising 748 hectares of land for future high technology jobs. A more supportive suburb to the agribusiness precinct, with flexible employment opportunities and new technology offices jobs.



8. **Kemps Creek**, supportive precinct to residential and flexible employment. Exploring potential upgrade road extensions and cycle networks to the Airport and rest of the Aerotropolis.



9. **North Luddenham**, a precinct focusing on uses of high technology and employment for food production and processing. It will be encouraged by fresh food markets and new technologies facilities.





10. Finally, Rossmore, a mixed-living communities precinct for those living and working in the area. Promising cultural, urban, educational and creative facilities, open spaces, local health and many more.



## The Western Sydney Aerotropolis in numbers:

- 11,200 hectares underpinned by a 20-year agreement
- · Six initial precincts to be developed during the coming years
- Four additional precincts to be rezoned
- 12.2 million visitors expected annually
- · 200,000 new jobs projected
- Predicted to become the Australian third-largest economy by 2036

To conclude, the Western Parklands City is projecting to respond at Sydney's expected population boom and become the Australian third-largest economic hub after The Eastern Harbour City CBD and The Central River City.

## **Sources**

- (1) The NSW Government Ministerial Media Release 'Connect Western Sydney to the World'
- (2) The Urban Developer 'Everything you need to know on the Western Sydney Aerotropolis'
- (3) The Greater Sydney Commission Three Cities Metropolis Vision

Website

www.prpsydney.com.au