

## Aviation White Paper

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Aviation White Paper  
Domestic Aviation & Reform Division  
Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts

Via email: [aviationwhitepaper@infrastructure.gov.au](mailto:aviationwhitepaper@infrastructure.gov.au)

The NUW Alliance welcomes the opportunity to provide a submission to the Commonwealth Government on the long-term policies to guide the aviation sectors growth, innovation and future trends to 2050.

The NUW Alliance are positioned to accelerate the delivery of government priorities, regenerate aviation and catalyse innovation through the breadth of each partner's research. Engaging with the NUW Alliance enables the Government to collaborate with four world-class Australian universities, with a footprint spanning 75% of NSW's population, from Illawarra-Shoalhaven City in the south, to Greater Newcastle in the north and due west to the Western Parkland City.

Future industry workforce skills and training - with the Western Sydney International (WSI) Airport, the first major airport to be constructed in Australia in decades, positioned to be the nation's first 'fully digital airport', set to open 2026. Now is the juncture at which forward-thinking interventions need to occur. Action and investment to counter the headwinds to a sector recovering from the pandemic.

In order to support and regenerate Australia's aviation sector and to future-proof the industry, the involvement of university sector is essential. The infrastructure can be built, without the people, it cannot truly be operationalised.

Industry-attraction and job-generation remits - as the fastest growing area in Australia, boasting among the largest concentrations of industry and services, Western Sydney is the focus of a range of policy measures and interventions designed to support economic recovery and growth. The focus of aviation within the broader economy, requires refocusing to meet the challenges and opportunities emerging. The role of aviation teaching and research programs in driving this process will be critical.

Regional economies - another opportunity exists for Williamstown Special Activation Precinct, a gateway for emerging defence and aerospace industry which will support economic development and job creation in regional NSW.

The NUW Alliance would expand the collaboration remit to include operators, government, and industry to focus needs to be long range and sustainable. The NUW Alliance have rich collaborative links to major domestic and international corporations including: Northrop Grumman, Mitsubishi Heavy Industries Ltd, Hitachi Ltd, Samsung SDS, Suez, BAE Systems, GE Additive, Siemens and DB Schenker.

The NUW Alliance importantly can provide independent data and research to accelerate government priorities and policy relating to on the community engagement, economic and infrastructure impact associated with aviation sector. This goes much further to ensure the infrastructure built today and aligns with sustainability initiatives and net zero goals, efficiency, safety, sustainability, and competitiveness.

In April 2022, NUW Alliance commenced collaborative research roundtables between academics to capture and document the extensive expertise and breadth of capability in the aviation sector. The results were comprehensive – and exceed the scope and themes as detailed in the Terms of Reference. Research and technologies to support an efficient, safe, sustainable aviation sector through to 2050 can be catalysed via the NUW Alliance and it's four partner universities.

The NUW Alliance is one point of contact for the Commonwealth government, for more information please contact:

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