

Meeting Highlights 25 November 2022

Highlights from the November 2022 ANZLIC meeting include an update from SSSI CEO, Tony Wheeler, on the merger of SSSI and SIBA-GITA, a presentation on the Southern Positioning Augmentation Network (SouthPAN), a demonstration from the NSW ANZLIC Member, Narelle Underwood, on the recently released Bathurst Spatial Digital Twin, and an update from the Chair of the Intergovernmental Committee on Surveying and Mapping, Craig Sandy, on the CRSBANZ National Competency Framework for Graduates and Licensed Surveyors.

Update on merger of the peak spatial bodies

SSSI CEO, Tony Wheeler, provided an update on the merger of the two key spatial industry and professions peak bodies SIBA-GITA and SSSI.

At the SSSI and SIBA-GITA AGMs, both held on Monday 21 November 2022, Members voted overwhelmingly in favour to proceed with the merger to create a unified peak body – the Geospatial Council of Australia.

The Geospatial Council of Australia will be launched in March 2023, with memberships from SSSI and SIBA-GITA automatically transitioning to the new entity.

The skills-based Board will comprise of: Peter Woodgate (President); Alistair Byrom and Paul Digney (Deputy Presidents); Directors Jacinta Burns, Kate Ramsay, Darren Mottolini, Roshni Sharma, with provision in the new constitution for an additional two directors to be appointed.

Melissa Harris, Chair of ANZLIC, congratulated SSSI and SIBA-GITA on the merger and indicted that ANZLIC looks forward to working with the Geospatial Council of Australia to strengthen the geospatial sector across Australia.

SouthPAN Update

SouthPAN is a joint initiative by the New Zealand and Australian Governments lead by Toitū Te Whenua Land Information New Zealand (LINZ) and Geoscience Australia that provides Satellite-Based Augmentation System (SBAS) services for Australia and New Zealand.

SouthPAN is comprised of reference stations, telecommunications infrastructure, computing centres, signal generators, and satellites. Precise positioning from SouthPAN offers accuracy at as little as 10 centimetres - a significant improvement on previous accuracy of 5 to 10 metres - without the need for mobile or internet coverage. This allows 10 centimetre level accuracy to be available everywhere, overcoming gaps in mobile, internet and radio





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communications which provides improved accuracy in regional and remote areas, as well as in maritime zones.



The economic, productivity, social and environmental benefits of improved positioning technology are expected to have a significant effect on ten industry sectors: <u>agriculture</u>, <u>aviation</u>, <u>construction</u>, <u>consumer</u>, <u>resources</u>, <u>road</u>, <u>maritime</u>, rail, mining and utilities. EY has produced an independent <u>economic benefits analysis</u> of the program. This analysis found that accurate and reliable positioning from SouthPAN has an expected value of \$7.6 billion over 30 years for Australia and New Zealand, based on the tested applications of the program.

CRSBANZ National Competency Framework for Graduates and Licensed Surveyors

ICSM Chair, Craig Sandy, provided an update on the soon to be released Council of Reciprocating Surveyors Boards of Australia and New Zealand (CRSBANZ) National Competency Framework for Graduates and Licensed Surveyors.

The purpose of the National Competency Standard is to have an agreed and consistent competency standard for all surveying graduates and licensed/registered surveyors across Australia and New Zealand.

The National Competency Framework includes six units of competency that represent key areas of surveying practice: Unit 1 specifies the completion of an accredited survey degree program; and Units 2 to 6 specify the key competencies required to become a licensed surveyor. The majority of this program could be delivered to all graduates and, with the addition of some state based training, graduates will be able to operate in any jurisdiction. The next stage of the project is now underway to create a training program curriculum.

NSW Spatial Digital Twin update

NSW ANZLIC Member, Narelle Underwood, provided a demonstration of the <u>Bathurst Spatial Digital Twin</u> (SDT) – the first major regional centre in the <u>NSW SDT</u>.

Released in October 2022, the Bathurst SDT enables the visualisation of location-based information in 4D (3D plus time) of a 4,000,000 m² extent of the central business district. The digital twin has received 18 million requests for access to 3D datasets in the last 12 months, and a 4D model for the entire state will be available soon.



Using Esri StoryMaps, NSW has provided a simplified version of the Bathurst SDT to provide a more accessible way for people who are not geospatial experts to access the over 4000 datasets available in the digital twin. Users have the option to add layers of data to build a story based on their areas of interest. The platform also offers a 'have your say' option for members of the public to interact and provide feedback on a range of different aspects including planning proposals.

Image: The location of electric vehicle charging stations in Bathurst using Esri StoryMaps.

Updated Roadmap to continue to implement ANZLIC's Strategic Plan 2020-24

ANZLIC and ICSM continue to progress priority initiatives and enablers from ANZLIC's <u>updated</u> roadmap to continue to implement its <u>Strategic Plan 2020-24</u>.

ANZLIC continued to modernise the Foundation Spatial Data Framework by strengthening its partnership with the Australian Bureau of Statistics (ABS) - the Population Distribution theme custodian. The ABS released the <u>2021 Census of Population and Housing</u> earlier this year which provides statistics about people, families and dwellings across Australia. <u>Geopackages</u> are now available and link Census data with Australian Statistical Geography Boundaries for spatial analysis. ABS is also developing Geospatial Web Services of selected 2021 Census data which will be publicly available in late 2022.

ANZLIC encourages members of the spatial community to sign up to the Space, Spatial and Surveying Diversity Leadership Network (SSS-DLN) Diversity and Inclusion <u>Accord</u>.

