



ANZLIC
the Spatial Information Council

ANZLIC – future trends informing strategy

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ANZLIC-The Spatial Information Council

ANZLIC is the peak intergovernmental group of senior officials providing leadership on all aspects of spatial service delivery and information.

ANZLIC Members:

Bruce Thompson (Chair), NSW

Melissa Harris (Deputy Chair), VIC

Geoffrey Rutledge, ACT

Alison Rose, Cmlth

Jan Pierce, NZ

Richard Smith, NT

Sandy Carruthers, SA

Steve Jacoby, PSM, QLD

Stuart Fletcher, TAS

Graeme Gammie, WA



ANZLIC's role

What we do:

- **Provide strategic leadership and direction** to achieve a standardised approach
- **Promote and advocate** for spatial data priorities
- **Lead collaboration and coordination** on common spatial data issues
- **Develop strategy** and an annual program of activities
- **Draw on international best practice** to strengthen national-level arrangements
- **Implement spatial data initiatives** through ICSM (ANZLIC's delivery arm)



Strategic context: challenges and opportunities

Challenges

- Population growth
- Sustainable development and infrastructure investment
- Reducing CO₂ emissions
- Climate change adaptation and mitigation

Opportunities

- Integrated place-based intelligence
- New and emerging technologies – 5G, artificial intelligence, IoT, digital twins
- Modernised space and spatial capabilities



Future Trends

Integrated place-based intelligence

- Modernise spatial information
- Review the FSDF

New and emerging technologies

- Support the development of standards based digital twins
- Support application of new space and satellite capabilities

Modernised space and spatial capabilities

- Review earth observation acquisition approaches
- Implement the Geocentric Datum of Australia 2020 (GDA2020)



ANZLIC's Strategic Plan 2020-24

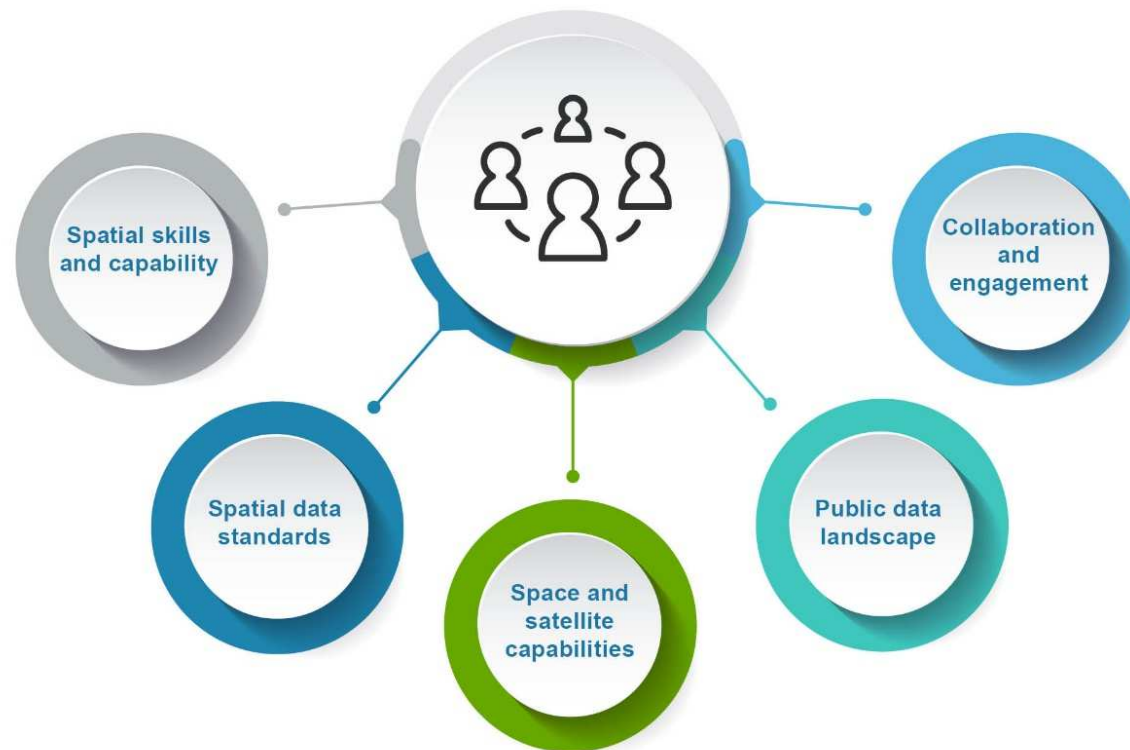
In 2019, ANZLIC commenced work to refresh our Strategic Plan for 2020-24.

Key steps included:






- Strategic discussions at ANZLIC meetings and with ICSM
- Strategy workshop with industry, research and government stakeholders in October 2019
- Development of Strategic Plan and priority spatial initiatives, informed by stakeholder views



Key insights on priorities from stakeholder consultation



ANZLIC's strategic priorities 2020-24

	Modernise foundation spatial information and data	<ul style="list-style-type: none">• Modernise foundation spatial data to 3D and 4D (time) formats• Streamline processes to collect and supply spatial data• Drive development and adoption of open spatial data standards
	Engagement and collaboration	<ul style="list-style-type: none">• Partner across jurisdictions and with stakeholders to co-design and implement priority initiatives• Communicate and advocate for spatial priorities across key sectors and forums
	Create insights and influence decision making	<ul style="list-style-type: none">• Work with industry and research stakeholders to understand end user spatial data needs• Promote the value of spatial data to improve government service delivery and place-based policy
	Spatial capabilities for the future	<ul style="list-style-type: none">• Actively promote diversity and inclusion in the spatial sector• Work with industry bodies to improve spatial capability
	Future proofing- R&D and technology	<ul style="list-style-type: none">• Support new approaches and adoption of emerging technologies• Support and advocate for spatial research and development activities

Key initiatives to deliver ANZLIC's strategic priorities 2020-24

1. Modernise ANZLIC's Foundation Spatial Data Framework (FSDF)
2. Digital Twins and Smart Cities
3. Australian Geospatial Reference System (AGRS) modernisation
4. Improved spatial data delivery
5. Coordinated earth observation data acquisition



Key initiatives to deliver ANZLIC's strategic priorities 2020-24

6. Place names
7. Space and spatial integration
8. Stakeholder engagement
9. Diversity and inclusion
10. Skills and capability





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Thank you!