



Woolpert

Geospatial Advisory & Innovation

Capability Statement

Overview

Recognised globally for its work across the spatial sector, Woolpert Asia-Pacific's Geospatial Advisory and Innovation team offers decades of experience advising national mapping agencies, governments, and private industries globally in value-delivering geospatial strategies, architectures, and realistic, fully costed action plans.

We bring extensive experience having delivered Geospatial reviews, strategies, policies, governance programs, and implementation plans to Geospatial agencies across all levels of government, and an extensive range of sectors in Australia, Asia-Pacific, North America, Middle East and globally.

We are leaders and shapers of the geospatial ecosystem in Australia and internationally through our work as trusted advisors to governments and global bodies, contributing to the advancements of technology trends, international best practices and thought leadership, and leading transformative geospatial initiatives and activities that deliver economic, social, and environmental impact and value.

Ranging from small tactical programs, to multi-million-dollar transformational agendas, our action plans have enabled organisations and governments to achieve their vision and KPIs, and our dedicated team of senior multi-cultural leaders and consultants bring diverse backgrounds and extensive experience to understand not only organisational requirements but also the culture required to deliver sustainable outcomes.

Our core areas of expertise:

- Strategies & Roadmaps
- Country-level Masterplans
- Business Cases
- Digital Transformation
- Governance, Policy & Standards
- Hosted & Managed GIS
- Spatial Digital Twins
- Scan to BIM
- UAV & Terrestrial Laser Scanning
- Aerial & Satellite Imagery



Why leading governments and organisations choose Woolpert?

Our dedicated team of senior geospatial leaders and consultants can be your trusted partner helping you excel on every step of your Geospatial journey, delivering clarity, value, and success:



Trusted Leaders: we are trusted advisors to government and industry, shaping national and international geospatial programs, policies, digital twins and ecosystems



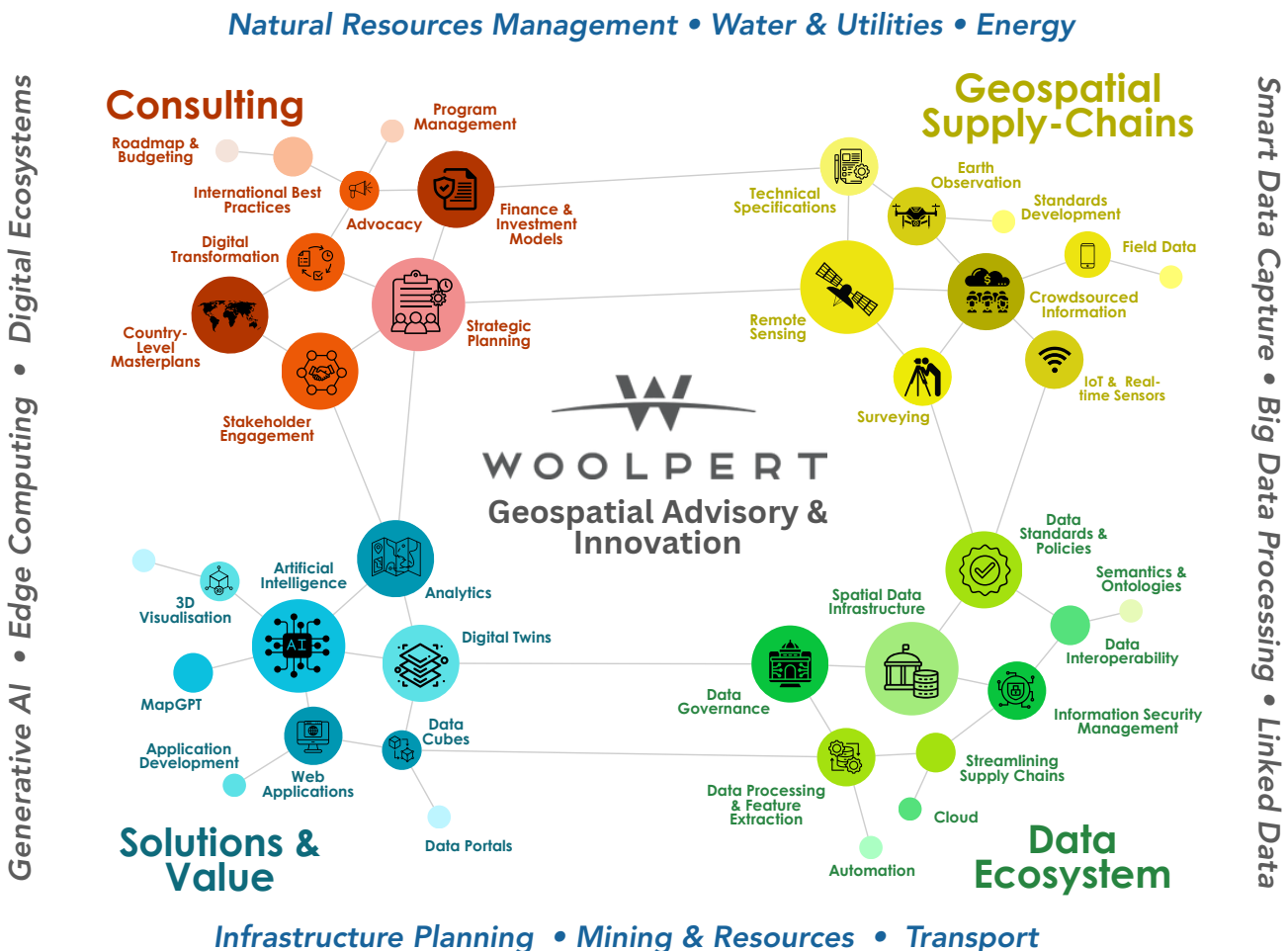
Global Reach & Influence: We leverage a vast network of network of local and global partnerships and industry connections to stay ahead with the latest trends and best practices.



Understand Geospatial End-to-End: we bring extensive experience and demonstrated success delivering value-centric geospatial strategies, capabilities, platforms, datasets, and solutions.

Woolpert Geospatial Advisory Ecosystem?

Explore our comprehensive strategic advisory services designed to optimise your geospatial capabilities

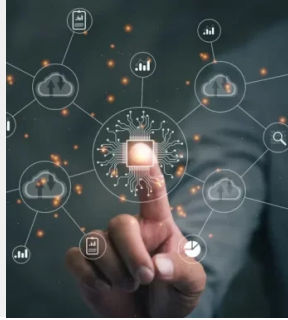


Our Services

Unlock the full potential of your geospatial goals with our comprehensive suite of services:

Multi-scale Geospatial Strategies:

We help you succeed with geospatial by aligning your information, technology, services, and people with your business objectives. Using international best practices we develop your strategic plan, message, and costed roadmap to build support and approvals for your geospatial agenda.



Business Cases & Value Realisation Plans:

The success of a strategy depends on financial planning and budgeting. The Advisory and Innovation team offers budgeting, investment, and financial models based on their technological experience and financial expertise.



Country-level Masterplans:

A Geospatial Master Plan is a strategic document outlining the long-term vision and goals for geospatial data and technology within an organisation. We align leadership's vision with the international best practices and frameworks (ex. UN-IGIF) to support goals including national strategies and the Sustainable Development Goals (SDGs).



Data Modernisation & Transformation Initiatives:

We provide strategic and tactical services to modernise and transform your geospatial data supply and value chains, including improved data management, modelling, analysis, automation, integration, interoperability, governance, data cubes, and processing pipelines.



Digital Enablement & Transformations:

We partner with governments & private industry to accelerate their digital transformations, developing geospatial programs for modern 4IR capabilities, including Spatial Digital Twins, Spatial Data Infrastructures (SDI), Foundational Spatial Data (FSDF) programs, and Geospatial Ecosystems.



Governance, Policy & Standards Development:

We develop geospatial governance, policies, and standards in line with OGC and ISO. This includes legal frameworks, data standards, interoperability protocols, sharing strategies, privacy guidelines, QA/QC procedures, and infrastructure guidelines.



Overseas Government Geospatial Advisory

Woolpert are trusted advisors to overseas national, state and regional governments with experience developing National Geospatial Masterplans and Country Level Action Plans designed to modernise and transform national programs and industries, and develop sovereign geospatial capabilities to deliver social, environmental and economic benefits and impacts.

We also bring experience developing national geospatial technical specifications, governance programs, standards, policies, and plans, and in driving international geospatial innovation and advancement with organisations including the United Nations and OGC.



woolpert.com
asiapacific@woolpert.com


WOOLPERT

Holistic Approach to Planning & Problem Solvings

We take a holistic and value-centric approach to enabling your success across geospatial, data, digital, integrations, supply chains, and business capabilities, by building understanding, alignment, value and support across all levels from the executive to the technical, IT and business end users:

Business Value: Organisational value opportunities and realisation, including priorities, use cases, business, finance and investment models.

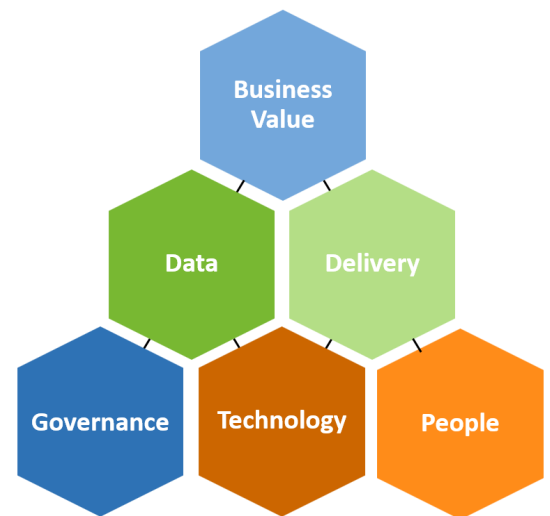
Data & Data Management: data acquisition, management, sharing, integration, quality improvement and supply chains.

Delivery: processes, customer mapping, analytics & product development, service delivery and support, change management, and communications.

Governance: organizational structures, governance mechanisms, leadership, policies, protocols, partnerships, and accountabilities.

Technology: applications, architecture, infrastructure, innovation, standards, and interoperability.

People: professional development, roles and responsibilities, organisation structure, and workforce culture.



Building Blocks of Organisational Geospatial Value

Cadastre and Address Modernisation Review for ACT Government

The Government of Australian Capital Territory (ACT) partnered with Woolpert to create a future vision and roadmap to modernise the ACT's cadastre, addressing, place names and survey datasets and systems. This project sought to build on successes and learnings from all Australian states and territories, to move ACT, and Australia forward into a new era of spatial data excellence.

The project laid out a practical and actional pathway for ACT modernisation, also identifying cross-jurisdictional opportunities to fast-track outcomes and value at both the ACT and national level, including in adopting national data models and supporting smaller states and territories.



Our Collaborators



woolpert.com
asiapacific@woolpert.com

