



Empowering staff to think and work spatially

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6-10 April 2025 in Brisbane, Australia*

Why Spatial?

Almost everything happens somewhere! Knowing

where

something happens is critically important!

Data Collection

GIS provides real-time information gathering, helping field workers and first responders to assess situations quickly and make effective decisions

Resource Management

GIS plays a key role in managing resources by providing insights into their distribution and usage.

Visualisation and Analysis

GIS makes it easier to understand patterns and relationships in the world around us, from demographic information to environmental data

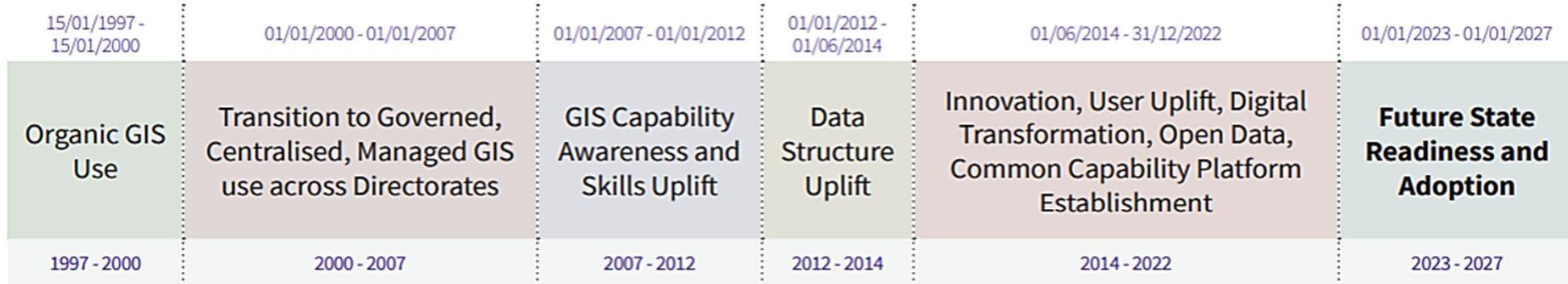
Decision Making

GIS drives informed decisions in fields such as urban planning, transportation, and natural resource management.

Community Engagement

GIS enables the creation of detailed and interactive maps that can communicate complex spatial information in an easily understandable way

The Spatial Journey





AND **Locate25** | 
THE NATIONAL GEOSPATIAL CONFERENCE

Collaboration, Innovation and Resilience:
Championing a Digital Generation



Brisbane, Australia 6-10 April

The Current State



829 ArcGIS Online Users
672 Users in ArcGIS Enterprise
52 FME Users
ACT Government Data - [ACTMapi](#)
Open Data via the [Geospatial Data Catalogue](#)



PLATINUM SPONSORS

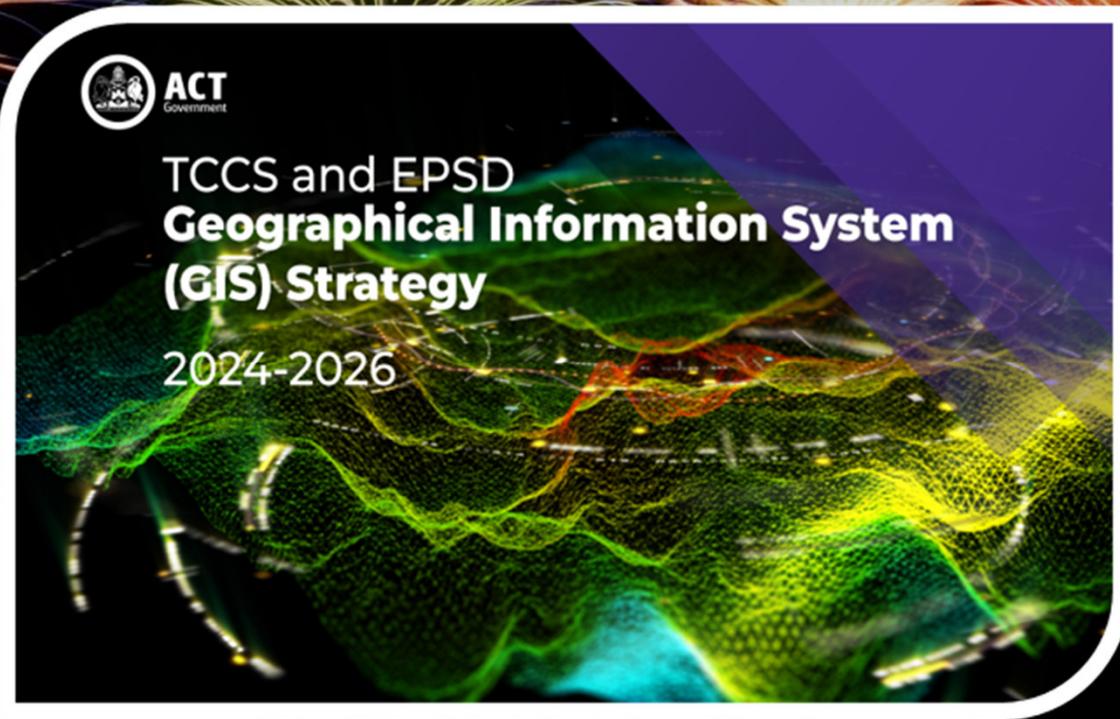


The Spatial Strategy



TCCS and EPSD **Geographical Information System (GIS) Strategy**

2024-2026



Strategy Pillars

VISION

To be empowered to think and work spatially

1. Geospatial capability is accessible.
2. Geospatial capability maximise on current platforms.
3. Geospatial data to be created, acquired, and maintained to set standard and intellectual property.
4. Geospatial capabilities are ever evolving.
5. Geospatial data is an asset and is open, accessible, and discoverable by default.
6. Geospatial data is managed to protect data sensitives and privacies proportionate to its value and risk.

PILLARS

- | | 1 | 2 | 3 | 4 | 5 | 6 |
|--|----------------|--------------------------------|---------------------------------------|--------------|--------------------|-------------------|
| | GIS Governance | GIS Digital Data and Databases | Procedures, Workflows and Integration | GIS Software | GIS Infrastructure | Value Realisation |

Enhance the Governance of Geospatial Ecosystem

Curate our Authoritative Geospatial Data

Make our Geospatial Data and Applications accessible

Ensure our Geospatial capability is adaptable

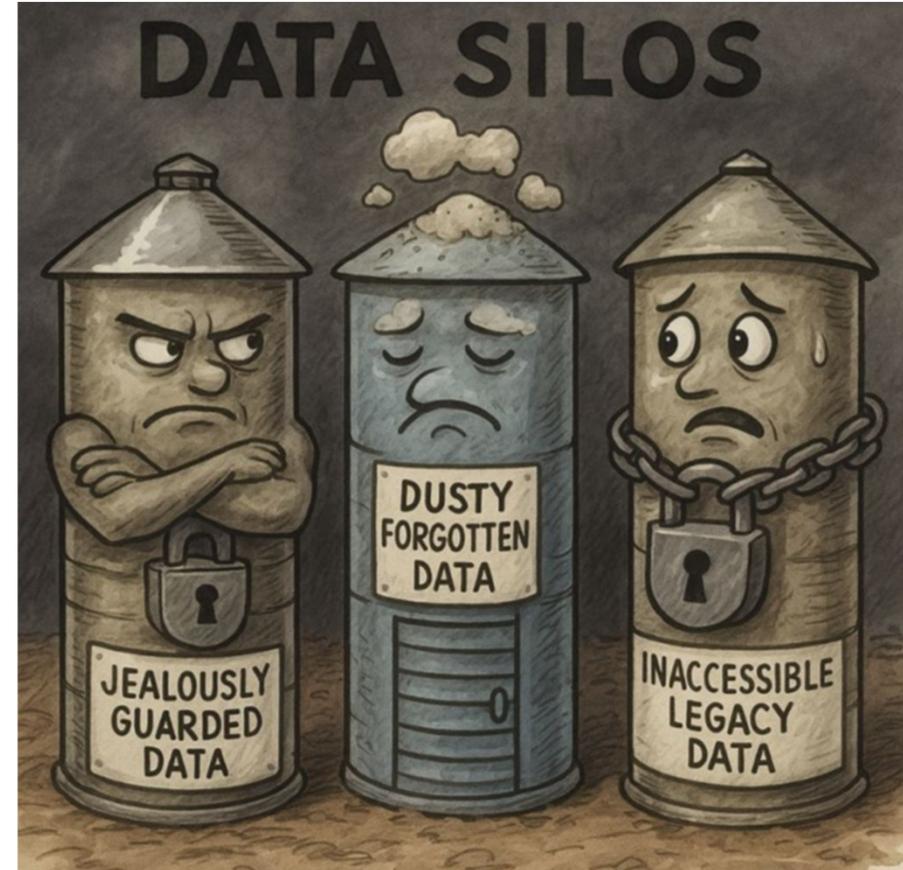
Develop sustainable geospatial systems

Improve our geospatial culture

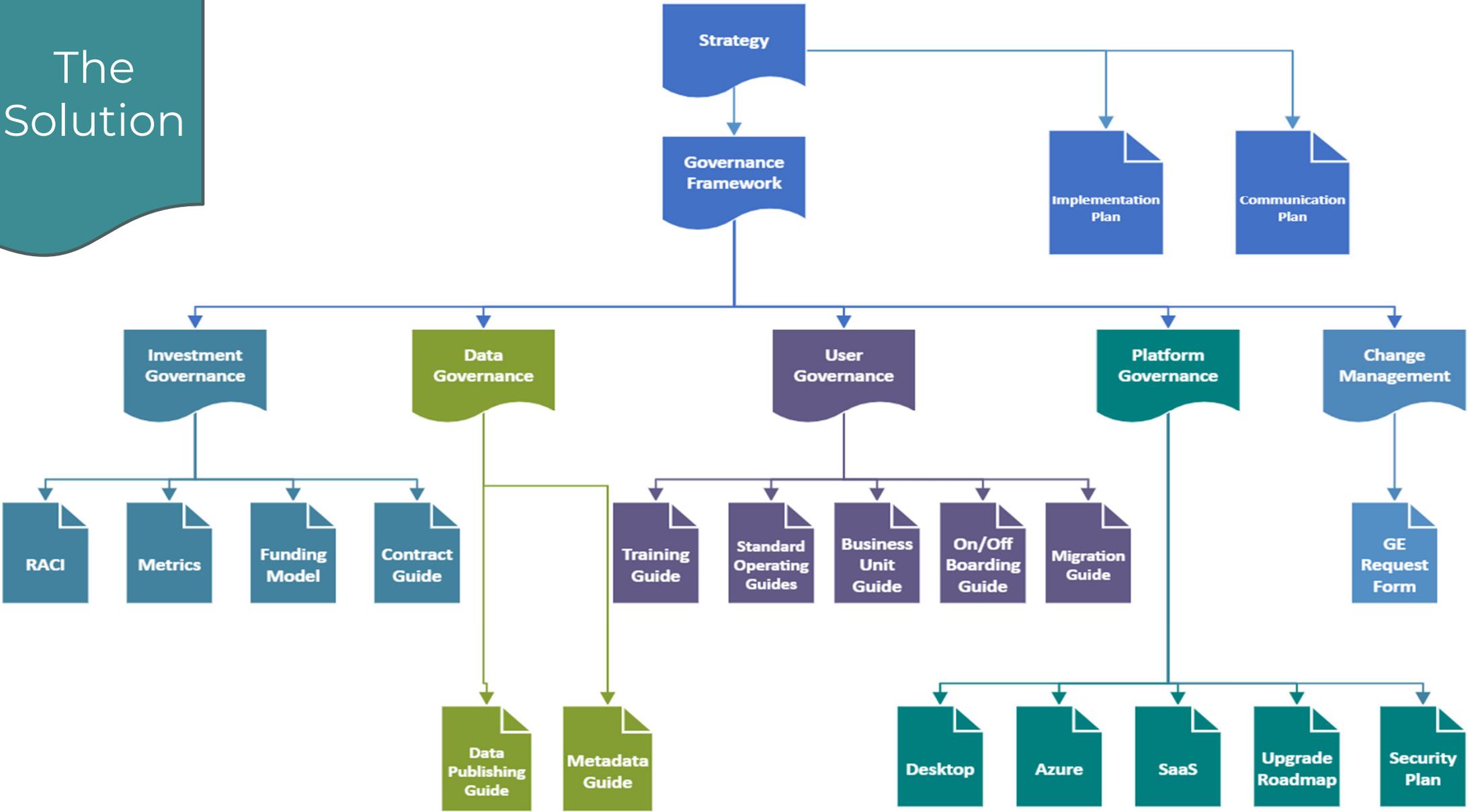
The Problem



“No Centralised Spatial Team”
Separate teams with overlapping responsibilities



The Solution





The Results



The Results

Geospatial Governance Documentation

This report page is used to discover all Governance documentation relevant to the Geospatial Ecosystem.

Refer to the legend below for the status of each document, and please contact the data team for more information at osad@act.gov.au

Legend

- In Progress
- Not Started
- Published

Strategy		Change Management		Data Governance	
Name	Link	Name	Link	Name	Link
Communication Plan	Link	Change Management Framework	Link	Data Governance Framework	Link
Geospatial Strategy	Link	IG Request Form	Link	Data Publishing Guide	Link
Implementation Plan	Link			Geospatial Deliverable Standard Metadata Guide	Link

Governance Framework		User Governance		Governance Agreements	
Name	Link	Name	Link	Name	Link
What is the GeoHub?	Link	Business Unit Guide	Link	FME MOU	Link
Governance Management Framework	Link	FME Training Resources	Link	GE Technical Advisory Group ToR	Link
		GeoHub Training Guide	Link	Major Projects Canberra MOU	Link
		GeoHub User Governance Framework	Link	Steering Committee ToR	Link
		Migration Guide	Link	ICCS-EPSSD MOU	Link

Investment Governance		Platform Governance	
Name	Link	Name	Link
Contract Guide	Link	Azure	Link
Funding Model	Link	Desktop	Link
GeoHub RACI Matrix	Link	GeoHub Security Plan	Link
Investment Governance Framework	Link	Platform Governance Framework	Link
Metrics	Link	SaaS	Link
		Upgrade Roadmap	Link

Report Version: June 2024

LOCAL ADMINISTRATOR

Your role may be a Project Manager, Team leader, Planner etc.

As a Local Administrator, I leverage the GeoHub and AGOL to coordinate, manage, and deliver Branch specific spatial data, applications and processes in alignment with Geospatial Ecosystem Governance Framework;

So that GeoHub and AGOL spatial environments meet Branch operational priorities, both immediate and strategic.

[RECOMMENDED LEARNING PATHWAY A](#)

[ADVANCED LEARNING PATHWAY B](#)

Skills

- Manage GeoHub and AGOL Governance
- Provide first tier support for business users for GeoHub and AGOL
- Maintain standards for access and use of GIS content (via Governance Framework)
- Enforce GeoHub and AGOL Online governance (e.g. groups, sharing, permissions, custom roles etc)
- Publish and maintain content on behalf of the business and other business areas
- Ensure Branch and broader web applications are referencing the most recent and single truth of GIS data.
- Provide support for GeoHub and AGOL
- Facilitate onboarding of new business areas to GeoHub
- Publish referenced data and register data stores
- Submit Change Requests
- Create Groups for Business areas in GeoHub
- Be a Technical Advisory Group (TAG) member
- Attend and contribute to GETAG meetings

Common Patterns Of Use

- Mapping & Visualisation:** Understand business and relationships with maps and visual representations
- Data Management:** Collect, capture and maintain accurate location and details about assets and resources
- Field Mobility:** Manage and enable a mobile workforce to collect and access information on the go
- Monitoring:** Track, manage and monitor assets and resources in real time
- Analytics:** Discover, quantify and predict trends and patterns to improve outcomes
- Design and Planning:** Evaluate alternative solutions and create optimal designs
- Decision Support:** Gain analytical awareness and create decision support energy
- Constituent Engagement:** Communicate and collaborate with citizens and external stakeholders of interest
- Sharing and Collaboration:** Promote staff to readily discover, use, and share geographic information

Personality

- Likes:**
 - Solving user's problems
 - Automation of manual/repetitive tasks
 - Appropriate tagging and metadata
 - Standards and process documentation for reference
 - Targeted learning materials for troubleshooting
 - Data organised and stored in a logically and accessible manner
 - Maintenance of authoritative data and metadata
- Challenges:**
 - Unsupported products of software that is not fully tested
 - Poor performance not meeting business needs
 - Working in a reactive environment
 - Poor quality and out of date datasets
 - Ability to find and manage content and users

Tools and Apps: ArcGIS Pro | GeoHub | ArcGIS Online | FME | Python | VeriGIS | ESRI REST API | Open Data

Example Custom Role: GeoHub - Local Administrator, AGOL - Local Administrator

ACT Government | SharePoint

Geospatial Ecosystem

Home | Documents | Wiki | Edit

WELCOME

Geospatial Ecosystem

News

Join Geospatial Communities

Geospatial Ecosystem Wiki

Wednesday, February 20, 2019 4:01 PM

This page is a comprehensive one stop shop for most if not all your Geospatial questions. This is a "crowd-sourced" wiki.

- Head to the sections on the side to expand topics:

- Geospatial-Ecosystem Wiki
- Welcome
- System Status
- Get Started GeoHub

- Expand right hand panel > to navigate Geospatial Ecosystem Wiki and Work from Home etc.

Collaborated with Brisbane City Council

The Results

Since April 2024

- GIS Centralised Page visits – 2615
- GIS onboarding material - 2222

Streamlined Workflows and standardisation

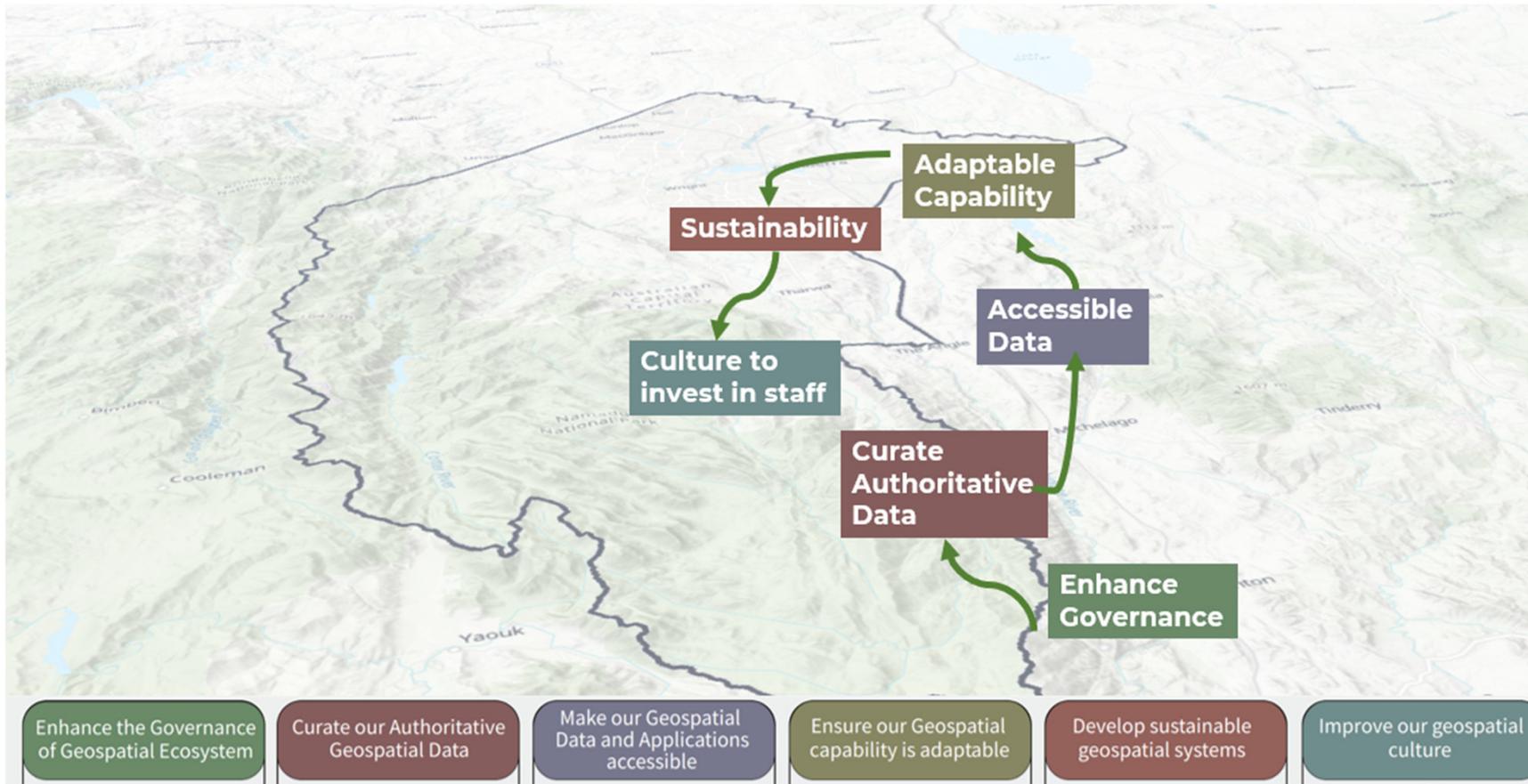
GIS training and education

Improved culture of collaboration

Celebration of spatial Wins



The Road Ahead



The most relevant SDGs related to the presentation and theme of this session

1st relevant SDG

11 SUSTAINABLE CITIES AND COMMUNITIES



2nd relevant SDG

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



3rd relevant SDG

13 CLIMATE ACTION



SUSTAINABLE DEVELOPMENT GOALS

International Federation of Surveyors supports the Sustainable Development Goals