

QUEENSLAND SPATIAL INFORMATION INFRASTRUCTURE STRATEGY

QSIIS

STRATEGIC PLAN 2004 – 2006

The QSIIS Vision is . . . *Spatial information is accessible and used to support business, lifestyle and a sustainable environment across the State.*

The Queensland Spatial Information Infrastructure Council is responsible for leadership of the QSIIS Strategic Plan. This Plan covers the period from January 2004 to December 2006.

Spatial Information - is information that has a location by way of a spatial reference that represents a specific point or area on the earth's surface. Spatial reference may be geographic or geodetic coordinates, street address, locality, postcode, property identifier, statistical area or any other form of reference defining a location.

Spatial Information Infrastructure - is the necessary data, technologies, policies and institutional arrangements that enable access to and use of spatial information. It provides for the management, awareness, distribution, integration and analysis of spatial information by users and providers within all levels of government, commercial, non-profit and academia sectors, and the general community.

Spatial information is essential in the planning and management of many day-to-day business activities from land and property administration, natural resource and environmental management, public safety and emergency management, primary production, human and social services, transportation services, asset management, recreation and tourism, and many others.

Purpose of the Plan

The purpose of this Plan is to set the direction and provide coordination for the development and maintenance of a Spatial Information Infrastructure to support the Queensland Government Priorities:

- More Jobs for Queensland - Skills and Innovation - The Smart State
- Safer and More Supportive Communities
- Community Engagement and a Better Quality of Life
- Valuing the Environment
- Building Queensland's Regions

The Plan also seeks to align with and contribute to other inter/intra jurisdictional and National initiatives for the development of the State's Information Infrastructure and the Australian Spatial Data Infrastructure (ASDI) to achieve potential benefits of consistencies and efficiencies.

Strategies

The following strategies have been identified to achieve the QSIIS Vision and the development of a Spatial Information Infrastructure for Queensland. These strategies address Awareness and Understanding, Data Availability and Access, Collaboration and Capacity Building.

Strategy 1 - Promote the value and importance of spatial information in decision-making to senior level management in governments.

Strategy 2 - Promote and market the value, importance and application of spatial information to industry and the community.

Strategy 3 - Ensure spatial data is available and maintained to specified data quality and coverage standards to meet business needs.

Strategy 4 - Provide standards, guidelines and procedures that support efficient data access for users across government and other sectors.

Strategy 5 - Develop cooperative arrangements and remove barriers to collaboration between organisations.

Strategy 6 – Promote development of single point of discovery and access for spatial data resources (initially for State government resources).

Strategy 7 - Support the development of skills and capacity building in the application and use of spatial information.

Implementation of the Plan

The Plan will be implemented by the Council through:

- The operations of the Council and its committees and working groups as established with agreed terms of reference, work plans and arrangements to progress specific elements of the Plan.
- Provision of the Chair and Secretariat support for the Council by the Department of Natural Resources and Mines and reporting/monitoring the progress of the Plan to the Minister, Government and stakeholders.
- Development and implementation of annual business plans aligned to the Plan by the QSIIS Information Office in the Office of Economic & Statistical Research, Queensland Treasury.
- Participation in QSIIS activities by State Government agencies (both QSIIC and non-QSIIC member agencies) and adoption of QSIIS standards and procedures in agency arrangements and business plans where contributing to State priorities.
- Participation in QSIIS activities by Local Government authorities and adoption of QSIIS standards and procedures with coordination through the Local Government Association of Queensland (LGAQ).
- Participation in QSIIS activities by private sector spatial information industry companies and adoption of QSIIS standards and procedures with coordination through the Australian Spatial Information Business Association (ASIBA) Queensland Regional Group.
- Collaboration and influence with other bodies including: ANZLIC the Spatial Information Council, Spatial Sciences Institute, Cooperative Research Centre for Spatial Information and other Regional, Professional and Community Groups.

Activities and Performance Indicators

A number of activities and performance indicators have been identified for each strategy as listed in the following table. These will be the basis for development of work plans and performance measurements to monitor the progress of the Plan.

Strategies	Activities	Performance Indicators
<p><i>Strategy 1 - Promote the value and importance of spatial information in decision-making to senior level management in governments.</i></p>	<ul style="list-style-type: none"> • Strengthen communication on spatial information activities between all levels of government and other sectors. • Maintain senior executive involvement in the QSIIC Council with reporting to Directors-General and Cabinet. 	<ul style="list-style-type: none"> • Resources available to fund development of the spatial information infrastructure. • Spatial information underpins information infrastructures in agencies and government.
<p><i>Strategy 2 - Promote and market the value, importance and application of spatial information to industry and the community.</i></p>	<ul style="list-style-type: none"> • Develop a simple plain-English version of the spatial information industry. • Identify and publish successful case studies of the use of spatial information in business and the community. • Continue communication program to promote and market spatial information and the industry. • Support and collaborate with existing regional groups in spatial information coordination activities, eg existing SE Qld, Far North Qld, Darling Downs and other groups. • Support establishment of regional bodies of the Spatial Sciences Institute. 	<ul style="list-style-type: none"> • Growth in traditional and non-traditional spatial information industries. • Increased community awareness, understanding and use of spatial information.

Strategies	Activities	Performance Indicators
<p><i>Strategy 3 - Ensure spatial data is available and maintained to specified data quality and coverage standards to meet business needs.</i></p>	<ul style="list-style-type: none"> • Complete development of the Property Location Index (PLI) as the authoritative source of Lot Plan / Street Address for the State. • Complete the implementation of the Rural Addressing project across the State. • Promote the benefits and capture of survey accurate cadastre and progress towards this goal. • Investigate relationships and opportunities for alignment of administrative boundaries. • Identify opportunities for whole-of-government capture / purchase of spatial datasets. • Promote cross-agency coordinated data capture programs. 	<ul style="list-style-type: none"> • Application and integration of spatially referenced social, environmental and economic information achieve business efficiencies and industry growth. • Benchmarking standards for measurement of spatial information availability and quality are available and monitored.
<p><i>Strategy 4 - Provide standards, guidelines and procedures that support efficient data access for users across government and other sectors.</i></p>	<ul style="list-style-type: none"> • Promote the development and use of customer focussed search tools with documented procedures. • Promote the development and adoption of QSIIS standards for management of spatial information resources. 	<ul style="list-style-type: none"> • Data access arrangements protect intellectual property rights, privacy and liability issues.

Strategies	Activities	Performance Indicators
<p><i>Strategy 5 - Develop cooperative arrangements and remove barriers to collaboration between organisations.</i></p>	<ul style="list-style-type: none"> • Continue development of the QSIIS Business Framework and simplified licence agreements for data exchange, intellectual property and other legal considerations. • Promote and facilitate the QSIIS Business Framework, Custodianship Standard and other standards, policies and procedures. • Develop effective alliances and protocols for spatial data access, exchange and sharing between the 3 levels of government. • Develop effective working relationships between State and Local Governments, Private, Academic and community sectors. 	<ul style="list-style-type: none"> • A culture of data sharing and use of spatial data across all levels of government, industry and the community. • Spatial information industry sectors working together with recognised roles in the development of sustainable communities. • Engagement and collaboration between stakeholders for exchange of spatial information and delivery of services.
<p><i>Strategy 6 – Promote development of single point of discovery and access for spatial data resources (initially for State government resources).</i></p>	<ul style="list-style-type: none"> • Continue to promote the capture of metadata and input of Queensland spatial data resources in the Australian Spatial Data Directory (ASDD). • Promote the inclusion of Queensland Government spatial data resources in the Qld Govt Register of Strategic Information and links to the ASDI. • Promote development of facilities for on-line/real time access and delivery of government spatial data resources at point-of-truth / authoritative source. 	<ul style="list-style-type: none"> • Users can efficiently find and access spatial data resources with equitable and non-inhibitive pricing and licensing arrangements.

Strategies	Activities	Performance Indicators
<p><i>Strategy 7 - Support the development of skills and capacity building in the application and use of spatial information.</i></p>	<ul style="list-style-type: none"> • Promote delivery of skills and capacity building across business, industry and the community to access and use spatial information. • Collaborate with representative training / educational bodies to identify, develop and promote application of spatial information and skills development. 	<ul style="list-style-type: none"> • Improved relationships between educational and training bodies for delivery of spatial information awareness and skills across industries and the community. • Career pathways with accredited training and courses for the spatial information workforce.