

# Implementing a Location Information Strategy for Western Australia

## Engaging Citizens through a Coordinated and Collaborative Approach to Spatial Information Management

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[www.landgate.wa.gov.au](http://www.landgate.wa.gov.au)



## Overview

- Why WA requires a Vision
- Objectives of the Location Information Strategy for WA
- Landgate's Role
- Collaborating with Stakeholders
- Moving into the Future

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## Western Australia (WA)

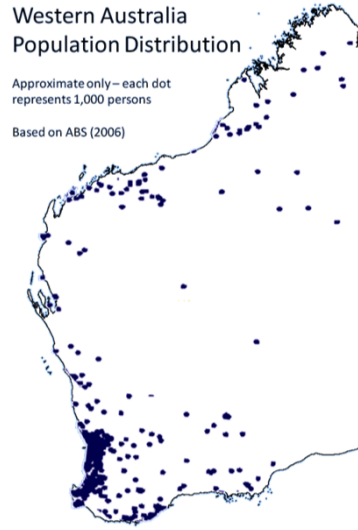
WA is Australia's largest state covering 2,645 million square kilometres, with a population of over 2.1 million people.

Landgate generates and manages land information covering the entire state.

### Western Australia Population Distribution

Approximate only – each dot represents 1,000 persons

Based on ABS (2006)



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Source:  
<http://www.abs.gov.au/ausstats/abs@.nsf/mf/1301.0>



## WA Land Related Industries

Western Australia's economic development, social and environmental well being relies heavily on land related activities including:

- Mining
- Agriculture
- Forestry
- Transport
- Fisheries
- Tourism

"Everything happens somewhere, sometime\*"

[www.landgate.wa.gov.au](http://www.landgate.wa.gov.au) \*Geographic Information Panel (2008), *Place matters: The location strategy for the United Kingdom*, <http://www.communities.gov.uk/>



## WA Information Coordination

Western Australian Land Information System (WALIS)  
operating for 30 years.

- Governance Framework
- Spatial Policies and Standards
- Coordination of State Geographic Information
- 19 Member Agencies
- 15 Associate Member Organisations

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## WA Information Access

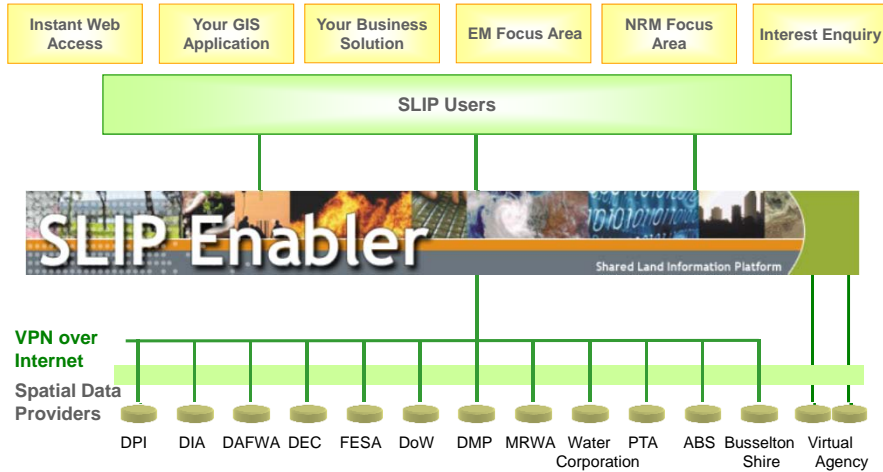
The Shared Land Information Platform (SLIP) is a whole  
of government initiative to increase access to Public  
Sector Information.

SLIP Enabler is a technology framework connecting  
multiple agencies data together delivering standards  
based dissemination

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## WA Information Access



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## Leveraging Current Infrastructure – SLIP



## Why does WA need a Strategy?

Most information when collected has a 'location' element which is currently not being made available.

- De-mystifying spatial and increasing use and understanding of location information
- Better decision making
- More effective government
- Linking ordinary information to a location

“Location information provides the answers for tomorrow’s challenges, and creates a vibrant future for WA”

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## WA Critical Needs – Being Prepared

Most human activity depends on location information – knowing where things are and understanding how they relate to one another.

- Health Management
- Agriculture
- Emergencies and Disaster Recovery
- Urban Planning & Housing Affordability
- Skills Shortage
- Transport Infrastructure

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## Objectives of the Location Strategy for WA

Create a world class location intelligence system and services.

- Better placement of infrastructure
- Management of health issues
- Sustainable urban planning

More effective government

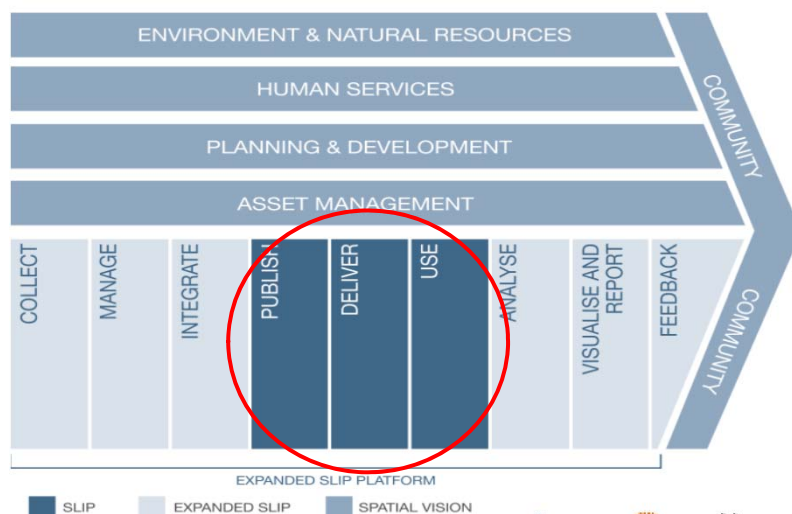
- Increased efficiency
- Reduced duplication
- Greater capacity
- Better targeted services



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## Moving across the Value Chain



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## Where is this already happening?

Globally, the importance of information that is spatially aware is growing.

- Australian States
- New Zealand
- England
- Ireland
- Wales
- Canada
- US
- INSPIRE



## Landgate's Role

developing the strategy, supporting framework & implementation plan

establishing guiding principles & a governance framework

enabling, capacity-building, reporting, monitoring

progressing specific spatial initiatives

vision

guiding principles

spatial strategic goals

work program > specific initiatives

increasing Landgate involvement

Adapted from LINZ (2007)  
New Zealand Geospatial Strategy, p14

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## Collaborating with Stakeholders

### WALIS Community

- Coordination, direction, opportunities



### Spatial Industry

- Profile raising, access, innovation



### Government

- Decision making, efficiency, sustainability



### Citizens

- Empowerment, service quality and value

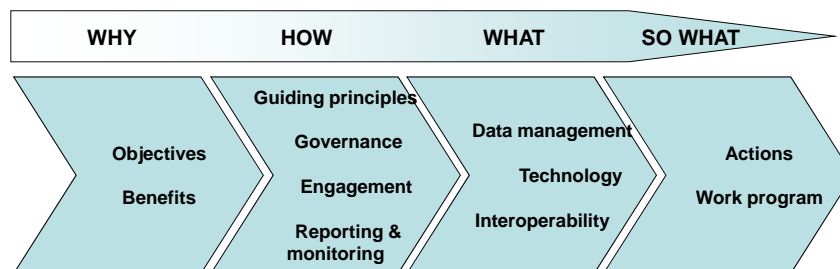
### Western Australia

- Collaboration, leadership, prosperity



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## Building the Vision for WA



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## Painting a Picture of the Future

www.landgate.wa.gov.au

## Questions?



### ‘Realising the Power of Location’ Western Australia’s Location Information Strategy

Website:

<http://www.walis.wa.gov.au/projects/spatialvision4wa>

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