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Update of Central & Hunter Coasts LiDAR Project

Current e-Planning Initiatives

Sydney Coastal Councils Group GIS Forum
Sydney
9 December 2009

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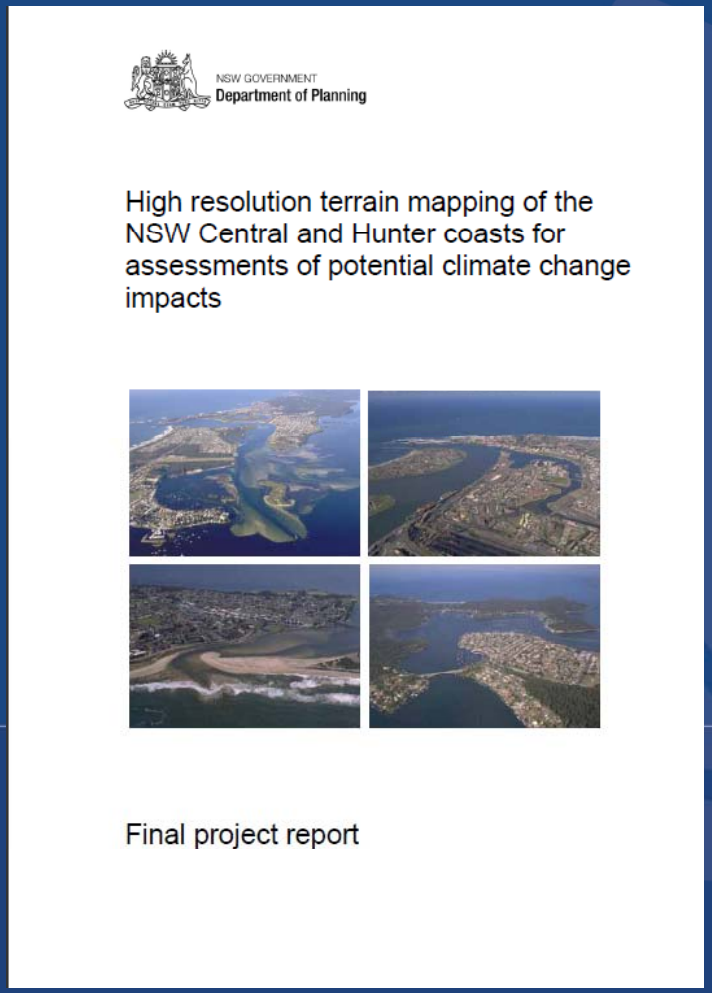
Central & Hunter Coasts LiDAR Project - Update



Central & Hunter Coasts LiDAR Project - Update

- Project was completed in **May 2008**
  http://www.planning.nsw.gov.au/PlansforAction/Coastalprotection/ClimateChangeMappingProject/

- State & Local Government Forum held in **August 2008**
  http://www.lgsa-plus.net.au/www/html/2600-lidar-workshop.asp

- CRC SI EOI **July 2009**
  Development of Inundation Layers from LiDAR Data (SKM)
  -Sinclair Knight Merz awarded contract and reported in August 2009
  -Study found incomplete filtering of ground & non ground LiDAR returns plus ground data included returns from water
  -Generation of hydrologically enforced and conditioned DEM using automated, semi-automated processing with manual refinement

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Joint Department of Planning and NSW Local Government & Shires Associations

e-Planning Projects

E-Planning Projects

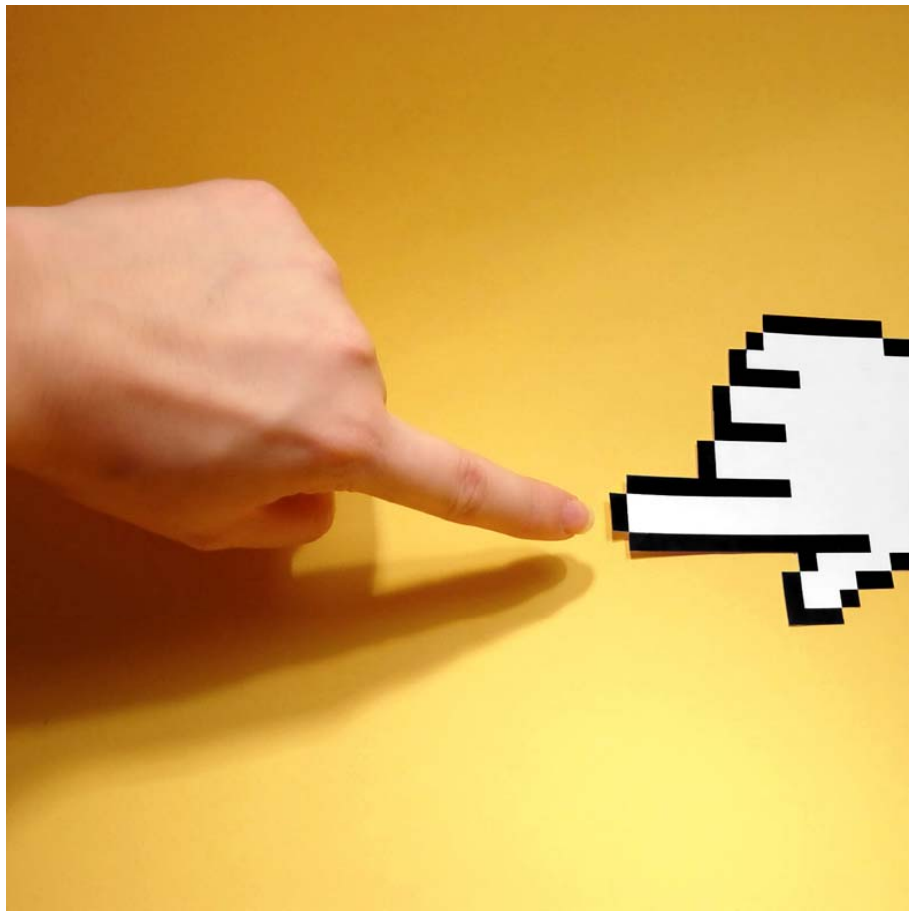
Department of Planning &
NSW LGSA ePLanning projects:

- e-Planning Roadmap (by early 2010)
- electronic Housing Code (eHC) Project (mid 2010)
- electronic Development Application Interoperability Specifications (eDAIS) Project
- “Planning Channel” on SiX

http://www.planning.nsw.gov.au/PlanningSystem/ImprovingthePlanningSystem/EPlanningforNSW/tabid/107/Default.aspx

What do we mean by e-Planning?

- e-Planning is:
  - the use of technology-based tools and systems
  - to connect business processes
  - which deliver improved planning information, services and outcomes
  - to the community



What are we setting out to achieve?

Provide a vision for ePlanning in the State of NSW and an over-arching strategy and implementation plan for the on-going use of planning services on-line for the next 5 years.

The Roadmap future… now

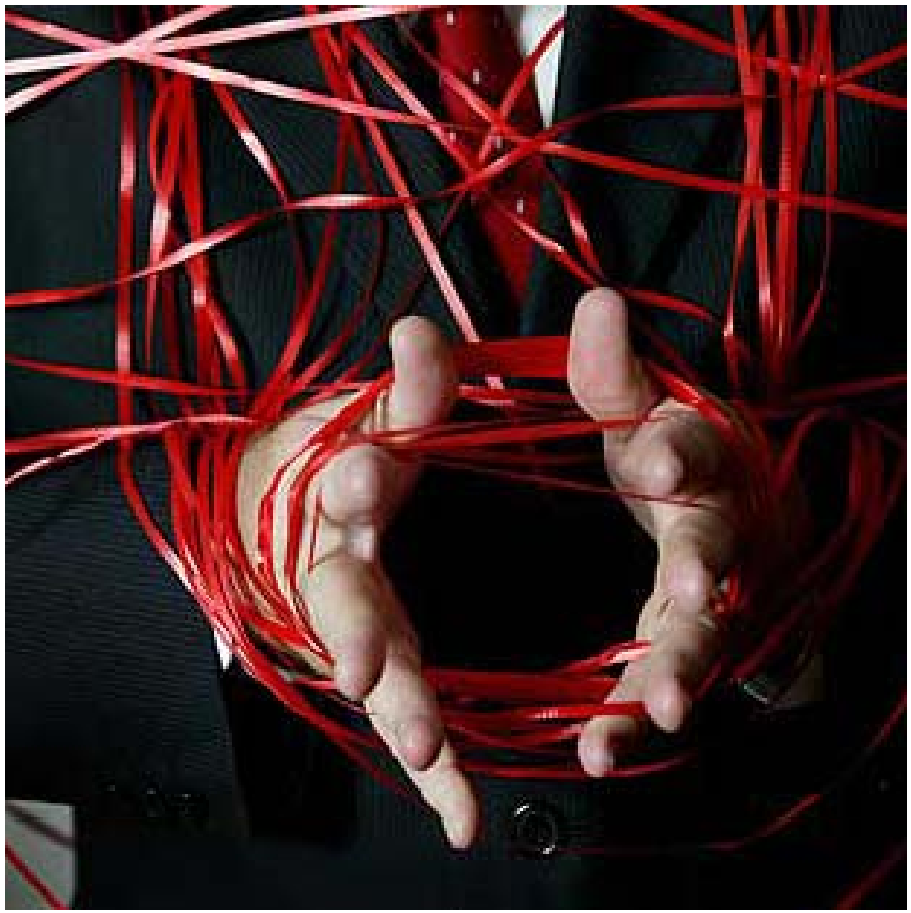
- Alignment with current Local Government strategic planning timetables
  - 10-year vision
  - 4-year strategic delivery program
  - Iterative 12-month implementation and review cycles
- A “living” process with governance, implementation and monitoring components

Feature project: Electronic Housing Code

- NSW pilot project under the federal Housing Affordability Fund (HAF)
- A shared, integrated platform for end-to-end processing of development applications:
- The initiative will specifically target applications made under the NSW Housing Code during the pilot phase

Feature project: Electronic Housing Code

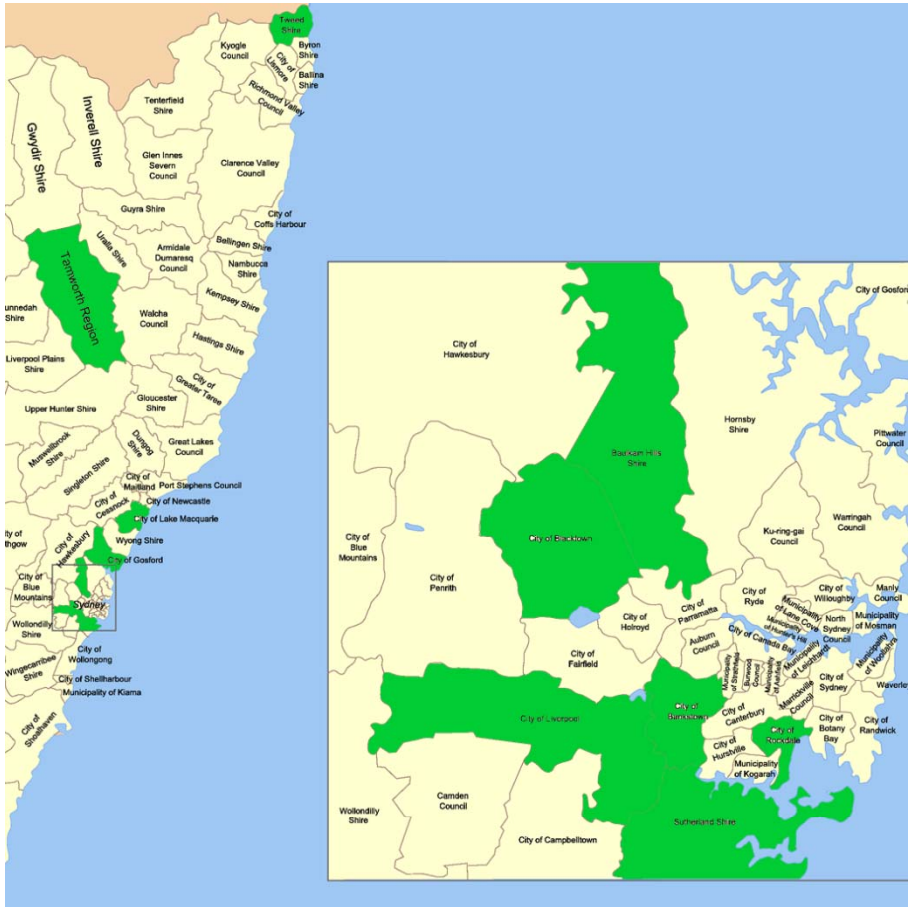
- The pilot will demonstrate:
  - How to fast-track approval processes
  - Contributing to housing affordability
  - Through time and cost savings
  - By reducing the resources needed to prepare, monitor and evaluate applications



EHC Role Model Councils

- 12 Role Model Councils have been selected to participate in the project

  - **Bankstown City Council**
  - **Blacktown City Council**
  - **Gosford City Council**
  - **Lake Macquarie City Council**
  - **Liverpool City Council**
  - **Port Macquarie-Hastings Council**
  - **Rockdale City Council**
  - **Shellharbour Council**
  - **Sutherland Shire Council**
  - **Tamworth Regional Council**
  - **The Hills Shire Council**
  - **Tweed Shire Council**



EHC Role Model Certifiers

- A group of Role Model Certifiers will also be involved in the pilot

- Benefits for Role Model Certifiers include:
  - Delivery of better customer service for applicants for Housing Code development
  - Better quality applications
  - Streamlined effort for Housing Code development leading to potentially significant cost savings for certifiers
  - Better access to user-friendly information on Housing Code development and local planning instruments
  - Industry recognition as a Role Model Certifier

EHC pilot and the Housing Code

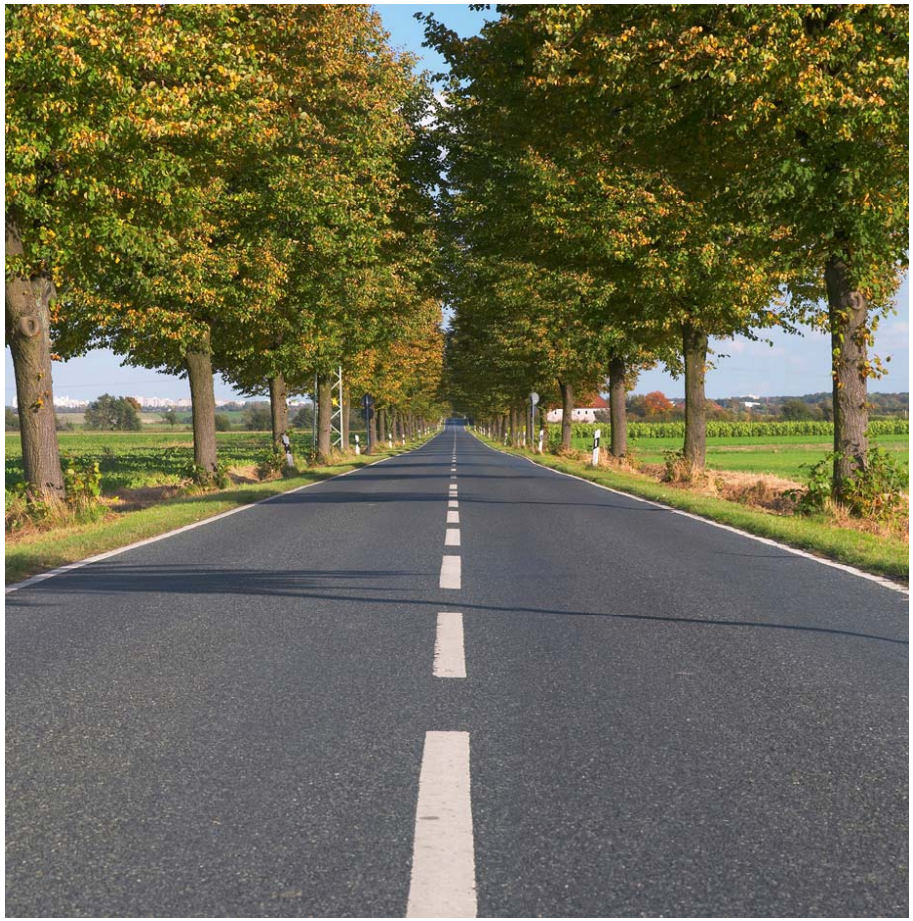
- Why use the Housing Code for the pilot?
  - A case study to demonstrate the end-to-end processes and the systems that support them
  - Create an electronic environment where the Housing Code ‘rules’ will be delivered by a common set of processes and protocols to make an application.
  - Identify aspects of the Code which need to reviewed from the perspective of making consistent, real-world applications.
  - A continuous improvement cycle for the Code, and a more sophisticated and flexible policy setting in general.

EHC pilot outcomes

- Outcomes expected from the pilot include
  - A demonstrable online platform for application queries, lodgement and determination.
  - Electronic lodgement and assessment workflow for exempt and complying development for Role Model Councils and Certifiers.
  - A knowledge program on the benefits of standardised e-Planning practices
  - An independent assessment of the pilot and transferability of the results to non-pilot stakeholders.

Participation welcomed

- We are keen to hear from
  - Local Government
  - Industry representatives
  - State Agencies
  - Community representatives
  - Vendors
  - Research institutions
  - Other jurisdictions



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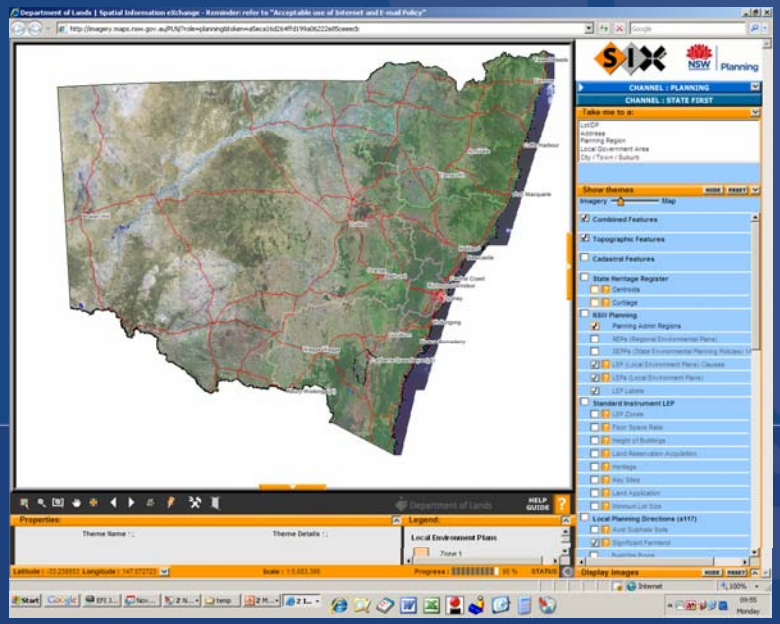
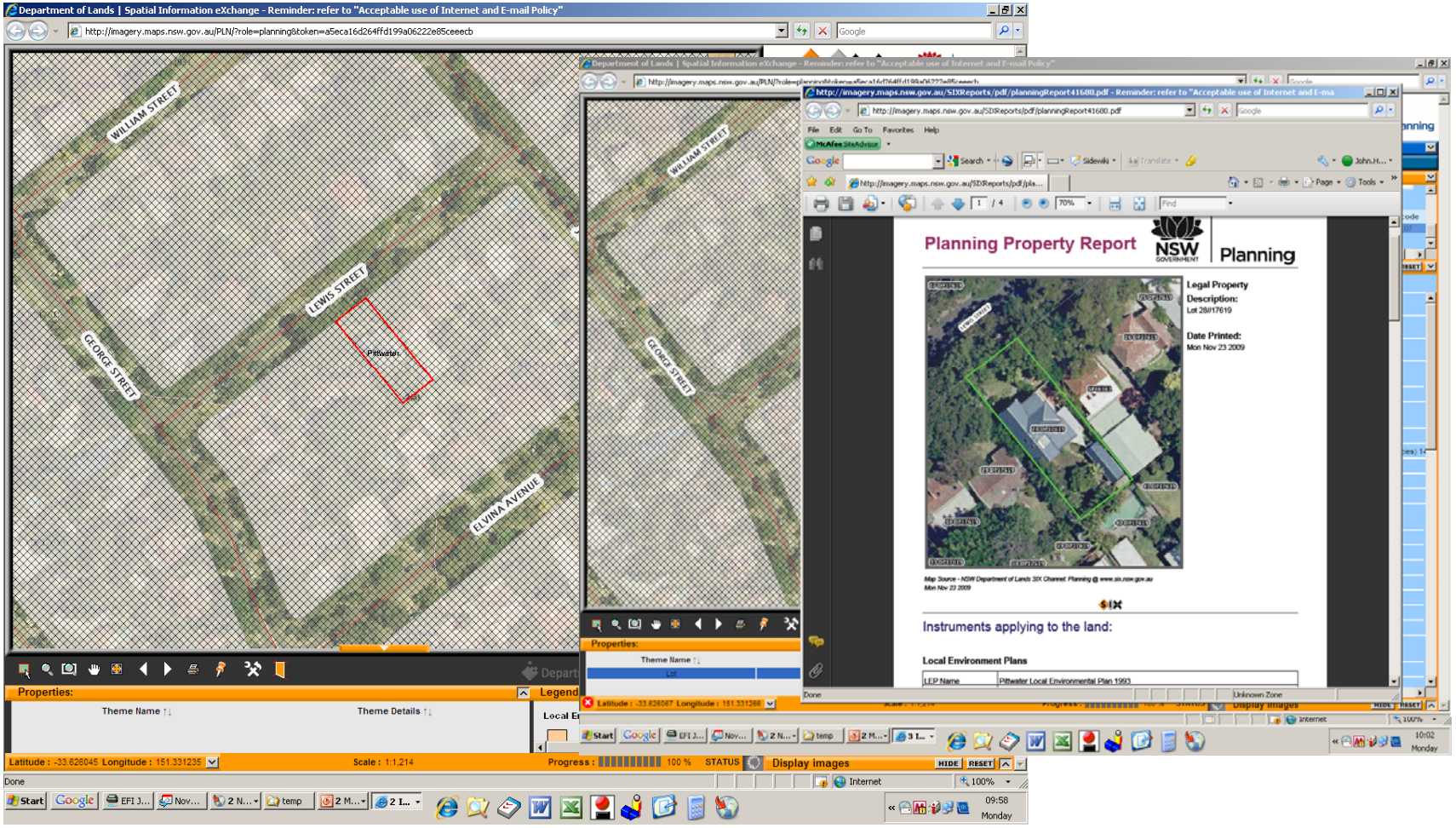
“Planning Channel” on Spatial Information Exchange



SiX Planning Channel



Six Planning Channel - Content

- LPMA cadastre
- LPMA topographic data
- Local Environmental Plans (LEP)
- State Environmental Planning Policies (SEPP)
- Regional Environmental Plans (REP)
- State Heritage Register
- Local Planning Directions (Section 117 of the EP&A Arc) data e.g. Sulphate Soils, significant farmlands, bushfire prone land.

Why a Six Planning Channel?

- Aligning with broader state and federal objectives
- Meeting internal business needs
- Testing ground for delivering a range of planning services online
- Focus our efforts on reliable high quality data

Issues with delivering planning data online.

- Quality of planning data
- Quality of external data
- The ‘single point of truth’
- Related issues of ‘customer’ satisfaction and legal liability
- Access and availability (Restrictions?)

Proposed strategy for minimising or mitigating the risks is:

- To implement a quality management system
- To have this certified against an internationally recognised benchmark namely ISO 9001:2008
- Legal Disclaimers etc.
- Effective use of metadata

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Thank you

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