Towards Tomorrow’s Cadastral Survey Industry

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New Zealand

Presented by Dr Don Grant
Digital survey and title system “Landonline”

It is near impossible to gain the complete legal view of the land

Legal picture to support transaction, with Crown Guarantee

Wider use of cadastral information is not the focus

Focus is transacting parcels of “land”

Missing information
Incomplete information
Not aligned

Discover - if known
Access, usability and completeness meet purpose
Varied integration standards

Optimal Regulation

Current Practice

New Zealand Today

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Tenure Decisions
Land Development Decisions
Land Management Decisions
Information ownership, i.e. research and policy use
Better use of land information, i.e. marketing

Discover - If increased access, usability and comprehensiveness meets purpose - hard integration standards

Cadastre 2002

The Shared Future View

Tomorrow (+6-10 years)

Principle One: Reproducibility of information, in a coordinated environment, to establish the spatial extent of all rights empowered by statute

Principle Two: A rational authoritative source for right of tenure

Principle Three: Access and use of land information with private sector

Principle Four: Addressed ability to track changes over time

Optimal Regulation

Information is Accessible
Information is Understandable
Use of land information, i.e. research and policy use

Other Land Information

Sydney, Australia, 11-16 April 2010
Principle One
Repositories of information, in a coordinated environment, to establish the spatial extent of all rights empowered by statute

Principle Two
Protects authoritative source for right of tenure

Principle Three
Central and Local Government working with private sector

Principle Four
Addresses legacy information and changes over time

Information is Accessible
Discoverable
Meets integration standards
Reasonable cost
Access meets demand
Understandable

Information Quality
Known accuracy
Current
Complete
Renovated

• Discover
• Access
• Assess
• Quality
• Integrate
Surveyors and other land professionals lodge information that fits the purpose of collection, but also recognises wider application.

Supporting wider application

The Shared Future View
Challenges

**Challenges that LINZ and NZIS can Address**

- Survey advice
- Research and professional development capability
- Bulk survey and title data access and application
- Access to LINZ survey and title paper records
- Integrity of the Survey Data Capture area
- Future-proofing the e-survey system (Landonline)

**Challenge where we need to know more before addressing**

- There is no sector wide approach to move forward

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Thank you