Integration Activities of New Zealand

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Land Information New Zealand
New Zealand Spatial Referencing

- Polynesian Concepts of Referencing (1300 AD+).
- European Explorers (Tasman 1642, Cook 1769+).
- Local Datums 1800s+ - topographic & cadastral surveys.
- NZ Datum 1949 - national consistency.
- NZ Geodetic Datum 2000 - geocentric - international consistency.
NZ Cadastal Infrastructure

- Survey Plans - individual and local.
- Record Sheets (1:10,000 - 1:50,000) - diagrammatic.
- Digital Cadastral Database (DCDB) - diagrammatic.
- Landonline - survey accurate.
NZ Topographic Infrastructure

- Local Mapping.
- 1:63,360 1940s+.
- 1:50,000 NZ Map Grid 1970s+.
- 1:50,000 NZGD2000 - NZ Transverse Mercator
NZ Natural Resource Infrastructure

- Local Surveys (Geological, Soils, Vegetation etc).
- 1:253,440 National Soils - 1940s - food production.
- 1:250,000 Geology 1970s+.
- 1:63,360 NZ Land Resource Inventory (later 1:50,000-ised)
- Other Themes - Vegetation, Forestry, Potential Erosion etc)
NZ Policies & Frameworks

- 1997 NZ Information Management Policy.
- 1999 E-Government Unit.
- e-Government Interoperability Unit (eGIF).
- Oceans 20/20.
- Geospatial Strategy - Geospatial Office.
NZ Data Pricing Policies

- 1997 NZ Information Management Policy (incl pricing).
- 1999 NZ Topographic database $1.8m -> $1,500.
- 2001 NZ Cadastral Database $800,000pa -> $270.
- Retained Crown Copyright.
- Removed of royalty fees.
- Licensing only for liability purposes.
- Free to pass data to 3rd parties (entire copy or modified).
New Zealand Government
Geospatial Strategy

VISION

GUIDING PRINCIPLES

GEOSPATIAL STRATEGIC GOALS
NZ Approach to Data Integration

- Government only intervenes to extent necessary.
- Collects data to meet defined government purposes.
- Subject to business case analysis.
- Outsources where cost effective and practical.
- Only integrates to meet defined government purposes.
- Provides interoperable data + metadata.
- Others integrate according to business needs.
- Regional and Local Government have major role.
- Private sector important in providing data acquisition and added value services (at leading edge of data integration).
Thank you