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The ICSM ePlan Protocol

Building Capacity Through Cooperation

Fundamentals

Had to perform all of the functions of a current paper plan.

Could not dictate the processes or systems used by individual jurisdictions.

Had to be customisable by a jurisdiction for local conditions.

Needed to employ industry standards in its development.
5 Components

The ICSM ePlan Model
A UML Class Diagram of a Cadastral Survey
The Logical Model

The Standard
LandXML1.2 from LandXML.org

Jurisdictional Schemas

The Protocol
The ePlan Model mapped to LandXML1.2
The Physical Model

Governance Model
How to Maintain the Model

Time Lines

Model Ratified by ICSM 2007
Model Exercised by Queensland 2005
Internal Operation in Queensland since 2005
Update of Internal Survey Systems QLD
Protocol Released to Vendors Oct 2009
Jurisdictional Schemas available for NSW, QLD, VIC
QLD developing web services for search and submission 3rd Q 2010
NSW internal Capture process in pilot
Victoria developing interface to SPEARS
Capability of ePlan

Supply of intelligent survey search

Online Validation of survey data (about 95%) of validation rules

Automatic update of survey systems including DCDB

Input for numerical adjustment of DCDB

Auto generation of new titles

Assisted update of valuation systems

Direct input for statistical research

Thank You

ICSM website

www.icsm.gov.au

ePlan Documents


ePlan Collaboration

Home - ICSM ePlan Working Group - GovDex