

Keynote presentation

The Australia / New Zealand 3D Cadastral Survey Data Model and Exchange Project

Anselm HAANEN, New Zealand

SUMMARY

The '3D Cadastral Survey Data Model and Exchange' (3D CSDM) project aims to enable, as far as possible, a standard way of transferring cadastral survey datasets in all nine Australian states and territories and New Zealand. It aims to create a solution that will be supported by the survey software suppliers operating in the Australian and New Zealand market. It is intended to enable surveyors to progressively transition from lodging paper or PDF files to fully digital data. The project has two primary objectives:

- To develop a harmonised data model that covers all cadastral survey data components required by the nine New Zealand and Australian cadastral agencies. This includes both 2D and 3D elements.
- To identify, in liaison with survey software suppliers, options for encoding and exchanging the data in the model.

BIOGRAPHICAL NOTES

Anselm Haanen has been the Surveyor-General at Land Information New Zealand since 2018. He was previously the Deputy Surveyor-General. He holds a Master of Surveying degree from the University of Otago and has worked in various technical capacities since joining the department in 1978. He was heavily involved in the development of Landonline, New Zealand's automated survey and title system, and helped develop New Zealand's Cadastre 2034 strategy. He is the Sponsor of the 3D Cadastral Survey Data Model and Exchange project on behalf of the Australia New Zealand Intergovernmental Committee on Surveying and Mapping.

CONTACTS

Anselm Haanen

Land Information New Zealand
PO Box 5501
Wellington 6145
NEW ZEALAND
Tel. +64 4 460 0376
Email: ahaanen@linz.govt.nz
Website: www.linz.govt.nz