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## Vicmap Special Bulletin - New Vicmap Buildings product launching in December 2022

### What is happening?

The Department of Environment, Land, Water, and Planning (DELWP) is creating a new highly detailed and high-quality 3D buildings GIS dataset under a new Vicmap product called Vicmap Buildings. Funded through the [Digital Twin Victoria Program](#), Vicmap Buildings will launch in December 2022 and will support a range of programs across the Victorian public sector.

The development of Vicmap Buildings aligns to ANZLIC’s adoption of the United Nations initiative on Global Geospatial Information Management Buildings and Settlements theme in the [Foundational Spatial Data Framework \(FSDF\)](#). The development of the Vicmap portfolio aims to ensure continual alignment with the FSDF to support the global [Sustainable Development Goals](#).

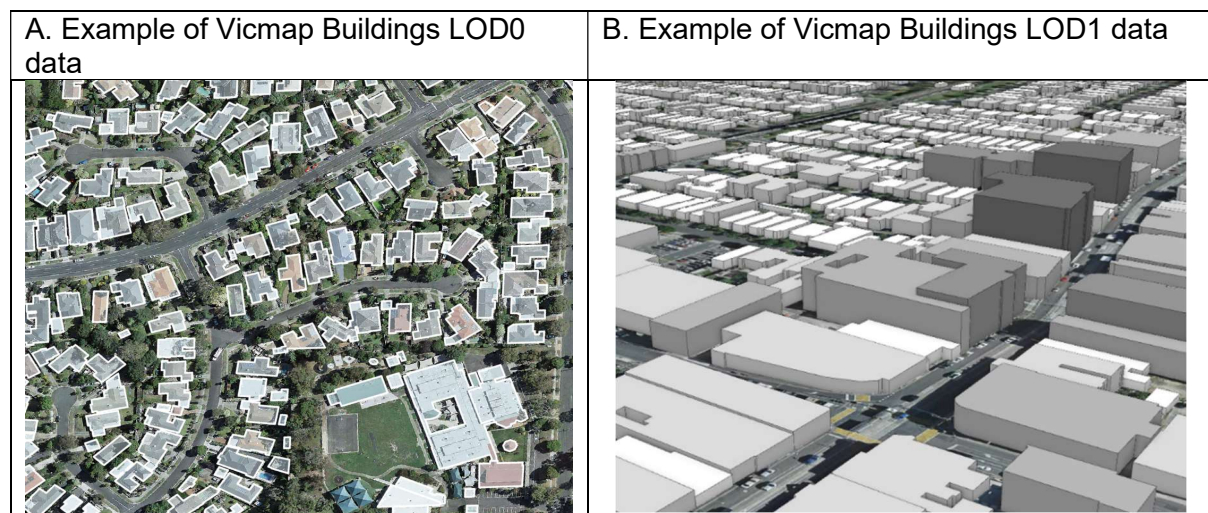
### What will Vicmap Buildings include?

LOD (Levels Of Detail) broadly defines the amount of information contained in a building model:

- LOD0 - comprising 2D building outlines (Figure 1A); and
- LOD1 – building outlines and heights extruded, forming block models (Figure 1B).

The new Vicmap Buildings product includes a dataset with different Levels Of Detail (LOD) across the state as follows:

- **Population Centres** – LOD1 – Vicmap Buildings data was created by DELWP and is presented in high level of positional accuracy and in LOD1. This data covers population centres including Greater Melbourne and Geelong areas. This data has been created using high-resolution Vicmap Imagery and Vicmap Elevation point cloud source datasets.
- **Statewide** – In other areas of the state, where DELWP is yet to create Vicmap Buildings data, Geoscape data is now licensed for restricted use by the public sector only. The data is provided by Geoscape as LOD0 and LOD1 where available.



Figures 1A and 1B – Sample Vicmap Buildings data in LOD0 and LOD1 detail.

Technical information, including the Vicmap Product Data Specification and the full metadata record, will be released with the launch of the Vicmap Buildings product in December 2022.

Vicmap Buildings will be useful for planning, environmental management, asset and risk management. The product provides opportunities for enhanced and richer spatial analysis, and improved decision making.

### **When will Vicmap Buildings be available?**

Vicmap Buildings will be launched in December 2022. The product will be available for public viewing in the [Digital Twin Victoria \(DTV\) web platform](#). The DTV platform enables easy integration of the 3D building models with relevant information held across government, providing richer information and insights.

Access to the data will be available to the Victorian public sector, Emergency Management sector and Local Government via the [Coordinated Imagery Program \(CIP\)](#) through a shared investment model. Government customers can submit an [expression of interest](#) for early access to the product.

Non-government organisations will be able to access Vicmap Buildings for Population Centres (owned by DELWP) through [Vicmap's commercial resellers](#) in early 2023.

### **Get in touch with us**

For further information please contact [vicmap@delwp.vic.gov.au](mailto:vicmap@delwp.vic.gov.au), and subscribe to our e-newsletter [Map It Out](#) to find out more about Vicmap Buildings as it is released.

To subscribe to Vicmap change notices please send your contact details including email address to [vicmap@delwp.vic.gov.au](mailto:vicmap@delwp.vic.gov.au).

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