

# Digital Cadastre Modernisation Project



## Talking Cadastre: transforming Victoria's dataset of property boundaries for a digital age.

Edition #03, December 2019

Welcome to the third edition of Talking Cadastre for 2019, the e-newsletter from Land Use Victoria that keeps you up-to-date with the Digital Cadastre Modernisation Project.

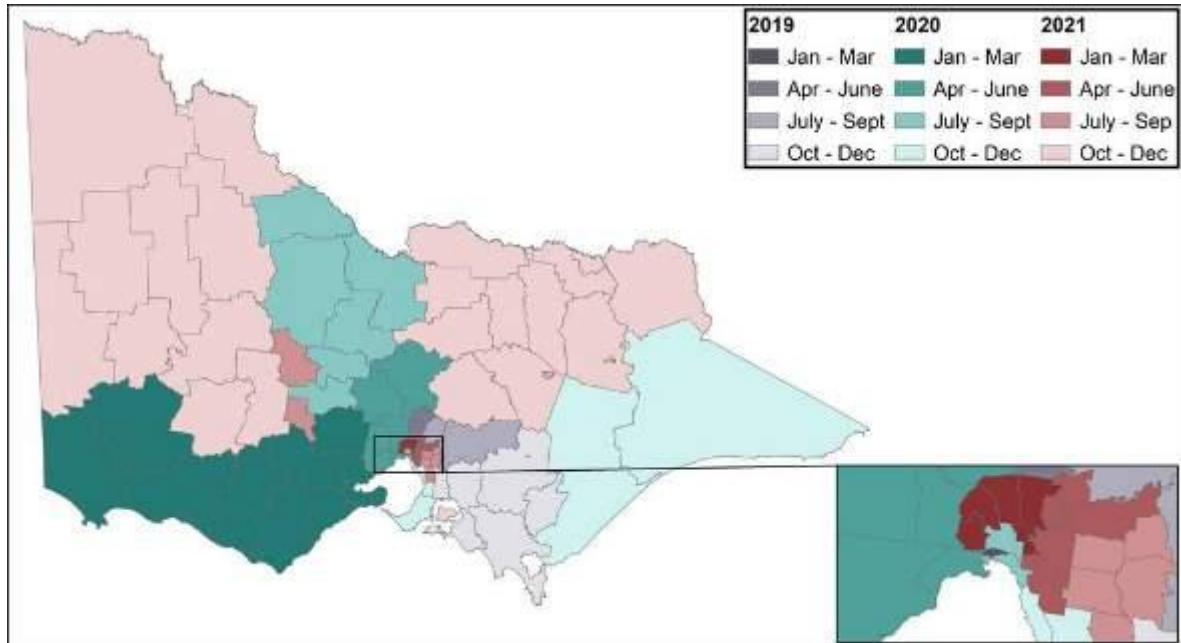
## Project update

### Back Capture update

As we reach the end of 2019, we will have successfully captured 515,000 land parcels, equating to approximately 55,000 survey plans.

Our delivery partners DSM Soft, have completed the back capture for the Fishermans Bend precinct and the Local Government Areas of Whittlesea and Nillumbik. These areas have a broad representation of parcels of varying land use types. This has facilitated early learning on the back capture process. Next up is the City of Casey and shires of Yarra Ranges, Cardinia and Baw Baw.

You can see via the map below how the back capture is proposed to proceed over the next two years.



**Back Capture Schedule 2019-2021**

In designing the back capture schedule we considered the number of parcels per Local Government Area and looked for opportunities to align the sequencing to major infrastructure projects being undertaken by the State Government.

### **Back capture conundrums**

As technical problems arise during the back capture of survey plans they are resolved by a Technical Query Forum - a project sub committee made up of senior cadastral surveyors. One common issue that we are dealing with is the matter of the date of survey – there is not always a straightforward answer when considering historic plans. The sub-committee resolves matters as rapidly as possible and these are documented for future reference by the project team; we look forward to sharing some of the more interesting challenges in a future update.

### **What about the other stages of the DCM project?**

There are four stages of procurement; two have been finalised and two are still in progress. More news to come in early 2020.

## Engagement

Between July and November the DCM project team enjoyed engaging with you and your organisation. We were on the road and met face-to-face with over 150 stakeholders across industry and local and state government - see our summary of engagement below.

- We listened to your views on the project, especially regarding the probable impacts to business workflows and ways we can support the implementation.
- We heard there is broad support for the project and that data with improved accuracy is highly anticipated, particularly in the GIS community.

- We also heard you voice some uncertainty about the process of updating data holdings that have been based on location from the existing Vicmap Property dataset - the project team will respond with communication and engagement ideas to assist with this process over the next few years.

Your insights and ideas about how we can best deliver this project have contributed to our *Engagement and Communications Roadmap*. Version 1 outlines our key communication and engagement activities over the life of the project. The roadmap will ensure that your voice is informing key aspects of the project delivery.

If you have a question or would like to provide feedback to us about the project please email us at [digital.cadastre@delwp.vic.gov.au](mailto:digital.cadastre@delwp.vic.gov.au)



## Meet the team

**Person:** Kirk Mason  
**Role:** Data Analyst, Digital Cadastre Modernisation Program



My role comprises two parts: leading quality control and contributing to technical problem solving for the back capture process. The Quality Control team is responsible for verifying the quality of 3 per cent of all back captured LandXMLs. For example; the QC team are checking the quality of 248 of the 8,251 LandXMLs received in the last week. I also sit on the Technical Query Forum which meets twice weekly to work through technical issues related to the back capture process process.

### What is the most exciting aspect of this project for you?

I have been involved in the maintenance of Vicmap since I joined Dataflow in 1999. When I heard that DELWP was planning to improve the accuracy of the mapbase I was keen to be involved. I knew the project would be challenging and it is the challenge that excites me. We have a highly skilled project team; I enjoy working as part of this team to tackle the queries and issues that arise daily. Geoff

Charles, Senior Advisor to the project, often reminds us as new issues arise “this is a voyage of discovery” - and it certainly is.

## From the Archives

Winding back the clock we found some interesting observations from the digital cadastre project v1, in 1989:

- the State Government’s Division of Survey and Mapping digitised the cadastral map base for rural Victoria, while the Melbourne Metropolitan Board of Works digitised the metropolitan area
- the State Government needed to borrow computers from the State Electricity Commission to undertake the desktop digitisation!
- other cadastral data, if provable, were included when available - sound familiar?



Digital Cadastre version 1 – a digital mapping workstation from LANDATA newsletter Vol.1 No.1 1989

**Want to know more? Or ask a question?**

**Contact Us:**

[digital.cadastre@delwp.vic.gov.au](mailto:digital.cadastre@delwp.vic.gov.au)

[www2.delwp.vic.gov.au/maps/digital-cadastre-modernisation-project](http://www2.delwp.vic.gov.au/maps/digital-cadastre-modernisation-project)



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