



SPEAR News

Surveying and Planning through Electronic Applications and Referrals
December 2018



Festive wishes

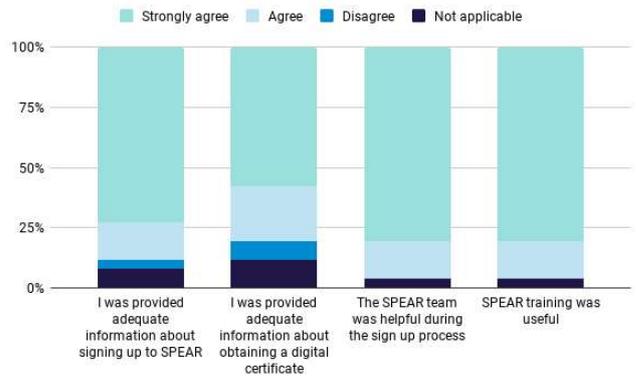
The SPEAR team wishes all stakeholders a memorable festive season with family and friends. We look forward to continuing our partnership in 2019.

SPEAR Electronic Lodgment Network Update

In November, SPEAR Electronic Lodgment Network (ELN) subscribers were given the opportunity to provide feedback through an online survey of their experience with the ELN. The survey covered sign up and training, the SPEAR system and support provided by the SPEAR team. Fifty-five per cent of subscribers

responded to the survey, with the following graphs outlining their feedback.

SPEAR sign up and training

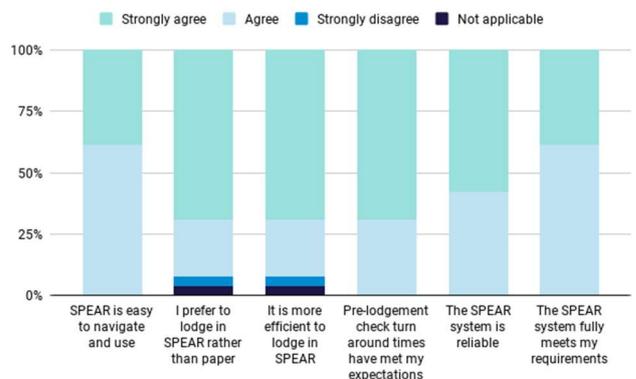


Overall, subscribers were very impressed with SPEAR.

“Love it - it is a lot quicker and easier than paper lodgement,” wrote Beaumont Lawyers’ Naomi Hillas.

Sarah Francis from SF Conveyancing provided similar feedback, describing SPEAR as “very easy to use (and) has made lodging subdivisions much easier.”

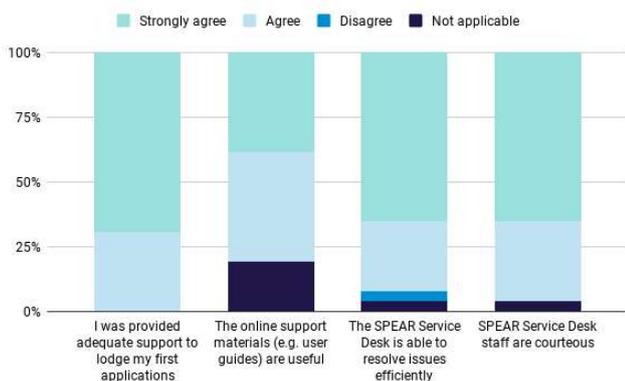
SPEAR system



Warren Graham & Murphy was among subscribers praising SPEAR for its transparency. It “simplifies the Plan of Subdivision application process, creates a smoother transaction and makes it easier to track the process leading up to the subdivision being ready to register,” wrote Lisa Nolen.

Many respondents also complimented the SPEAR Service Desk for its exceptional and courteous support.

SPEAR support



Some users welcomed the opportunity to provide suggestions to improve SPEAR and this valuable feedback will help shape future enhancements to the SPEAR system.

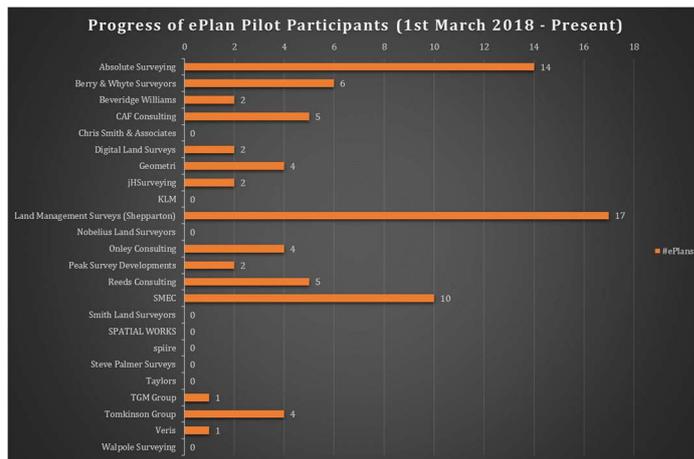
Christmas and new year closure

The SPEAR office will close to customers from close of business Friday 21 December and will reopen on Wednesday 2 January.

ePlan

ePlan Pilot update

The diagram below provides the status of Pilot participants in terms of submitting ePlans to SPEAR since 1 March 2018, with 79 ePlans received in SPEAR to date.



Absolute Surveying, Land Management Surveys (Shepparton) and SMEC have submitted more than 10 ePlans and their non-ePlan applications will now have a target of the 5 business day registration according to the Pilot incentives.

Pilot participants that have attended the Stringer ePlan training sessions and have not created an ePlan are urged to begin trialling ePlan. The Stringer ePlan user manual and workbook are available on the [SPEAR website](#).

LISTECH held their first Neo ePlan workshop with Reeds Consulting and the ePlan team on 23 November and are now in the process of extending this workshop to other Pilot participants willing to use Neo.

An offer to define a case study of a multi-lot plan for creation as an ePlan is available to all Pilot participants. The case study will be undertaken by the ePlan team, which includes the creation of the ePlan file and visualisation of the plan. The purpose of the case study is to identify enhancements required to existing ePlan services for visualising multi-lot plans of subdivision. Firms can express their interest by emailing mark.briffa@delwp.vic.gov.au.

International symposium and workshop – A Smart Sustainable Future for All

Land Use Victoria (LUV) sponsored this event, hosted by the University of Melbourne’s Centre for Spatial Data Infrastructure and Land Administration (CSDILA) and Centre for Disaster Management and Public Safety in co-partnership with The World Bank (the Global Facility for Disaster Reduction and Recovery and the Social, Urban, Rural and Resilience Global Practice).

As part of this event, an overview of LUV’s land administration processes and systems was presented to both Indonesian and World Bank delegations on 21 and 27 September respectively. An overview of SPEAR and ePlan was also presented by the Electronic Subdivisions Unit to the international workshop on Modern Land Administration for a Smart Sustainable Development on 24 September. On 25 September Mark Briffa, Manager Electronic Subdivisions Unit presented

a paper on An Overview of the Victorian 3D Digital Cadastre Roadmap.

Lifetime Service Award

The University of Melbourne's CSDILA presented Chris McRae, former Chief Executive of LUV, with the Lifetime Service Award in recognition of his leadership and contribution to industry, research and education. The award presentation took place at a dinner following the symposium. Chris said in his acceptance speech he was humbled and privileged to receive the award.

ePlan 2025 roadmap workshop

On 24 September 2018, as part of the ongoing engagement with the surveying industry on the implementation of ePlan, LUV in collaboration with the CSDILA, the University of Melbourne, provided an ePlan Workshop on current and future developments in Victoria.

Mark Briffa, Manager Electronic Subdivisions Unit, and Prof Abbas Rajabifard, Director of CSDILA, kicked off the workshop by welcoming the attendees and reviewing the agenda. Mark then provided an overview of the Victorian 2025 road map and initiatives, highlighting the following visions:

- **Long-term vision:** Implement ePlan for all cadastral plans and surveys by 2025.
- **Short-term vision:** Provide the infrastructure and services to enable the submission and registration of ePlan for all 2D Victorian cadastral plans by 2020.

Mark updated attendees on recent/ongoing ePlan and SPEAR initiatives:

- Improvements to the visualisation of plan presentation
- Developing a Visualisation Enhancement Tool (VET)
- Developing a database for storing registered ePlans
- All plan and survey transactions in SPEAR (PDF)
- Extending the resources of the SPEAR team to support surveyors
- Developing an accredited ePlan course for surveying graduates
- Developing VET to efficiently support multi-lot plans
- Updating and improving the Validation service
- Developing a 3D digital cadastre road map.

Future ePlan initiatives were also discussed:

- Engaging with stakeholders capable of deriving benefits from ePlan

- Developing a Digital Examination platform
- Research and development of systems and services to support the 3D digital cadastre.

Craig Sandy, Surveyor-General Victoria, discussed working with the surveying industry towards the adoption of ePlan. He highlighted the importance of digital cadastral plans and surveys in updating the digital cadastre.

Prof Rajabifard provided an update on the Victorian 3D digital cadastre road map development. He focused on why we need a 3D digital cadastre and what steps have been considered as part of a 'Theory of Change' for developing the Victorian 3D digital cadastre road map.

Dr Hamed Olfat, ePlan Coordinator, demonstrated the ePlan workflow of ePlan preparation, validation, visualisation, submission to SPEAR, visualisation enhancement, registration, storage and data download. He also presented the latest status of the ePlan Pilot and the case study of a multi-lot plan with Reeds Consulting including 27 lots and several easements. The lessons from this case study were:

- Data provided by surveyors needs to be prepared consistent with the ePlan requirements (e.g. easements should be captured as polygons)
- Software packages need to support multi-lot plans (e.g. multipart created roads)
- More than 20 enhancements were identified for the Visualisation Service and VET (e.g. Supporting the new Land Registry's policy on Restrictions)
- Difficulty in VET to create the Main Diagram Sheet for multi-lot plans.

Tom Champion, Associate Director Reeds Consulting, shared their experience of creating ePlans. The reasons for Reeds Consulting being involved in the ePlan Pilot included improved efficiencies for estate developments, upskilling drafting staff, quicker plan registration times and supporting Government in its delivery of a spatially accurate digital cadastre. He compared the PDF and ePlan creation processes and highlighted the time and effort savings anticipated from ePlan.

Following the workshop, Tom provided feedback to the ISV Board as below:

- LUV plans on full 2D ePlan implementation by 2022, which will be a significant disruptor and undertaking for the surveying profession.
- With practice, surveyors will experience fewer issues, however those not in the pilot aren't getting this benefit.
- Staff need significant training, as the process for generating ePlan is very different.

- ePlan cannot be used and implemented “off the shelf” like traditional surveying and drafting software.
- ePlan team will need to work closely with the Institution of Surveyors Victoria and Consulting Surveyors Victoria to continue to not only promote ePlan but to encourage participation and demonstrate the value of ePlan to the profession, business and the community.



L-R (Back): Prof Abbas Rajabifard, Mark Briffa, Tom Champion, Craig Sandy, Dr Hamed Olfat, Dr Mohsen Kalantari

L-R (Front): Mary Rabling, Dr Davood Shojaei

capped at CPI for non-statutory services provided by VLRS.

VLRS is located on Level 12, 2 Lonsdale Street Melbourne.

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Victorian Land Registry Services

Victorian Land Registry Services (VLRS) commenced as the operator of part of the land and registry functions of Land Use Victoria on Thursday 27 September 2018.

The Registrar of Titles remains under state control, overseeing the private operator. The state will retain ownership of all Registry data, which will be required to be stored in Australia.

The Registrar’s statutory function to maintain the integrity and security of the Register remains unchanged.

The state will retain full control over prices for statutory land registry services and price increases will be

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