

# ePlan Update

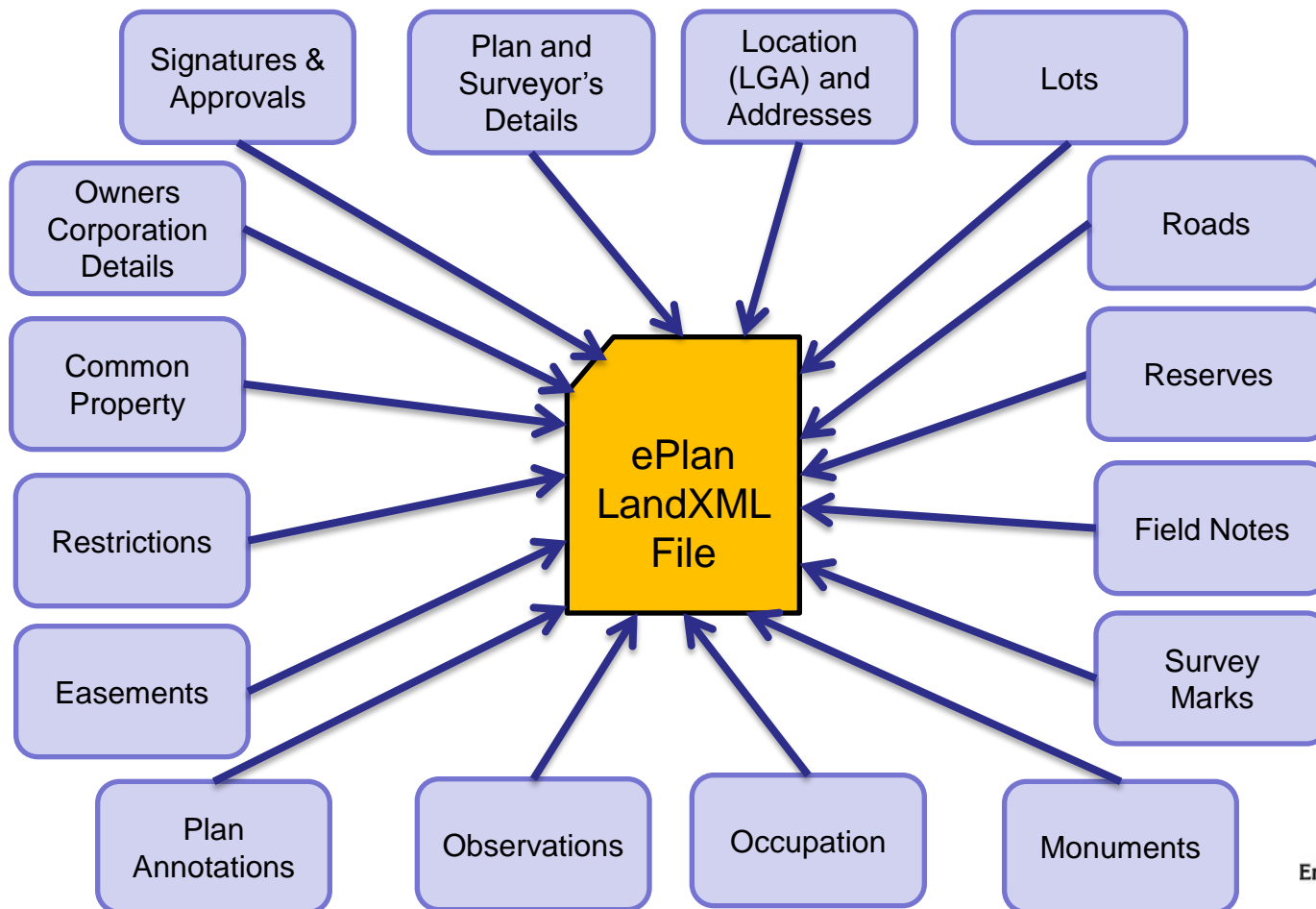
# Agenda

- ePlan Implementation Progress
- ePlan Engagement Program Update
- SMEC Case Study Results
- ePlan Visualisation Enhancement Tool
- Discussion

# ePlan Implementation Progress

- Since May 2013, ePlans have been able to be lodged in SPEAR instead of the PDF drafted by the surveyor
- ePlan supports Section 22 (Plan of Subdivision/Consolidation), 23, 24A, 32, 32A, 32B, 35, 35(8), 37 (Stage Plan) and text-only plans
- SPEAR validates the ePlan data and creates a PDF
- 48 ePlans submitted from 7 firms since May 2013 with 22 registered

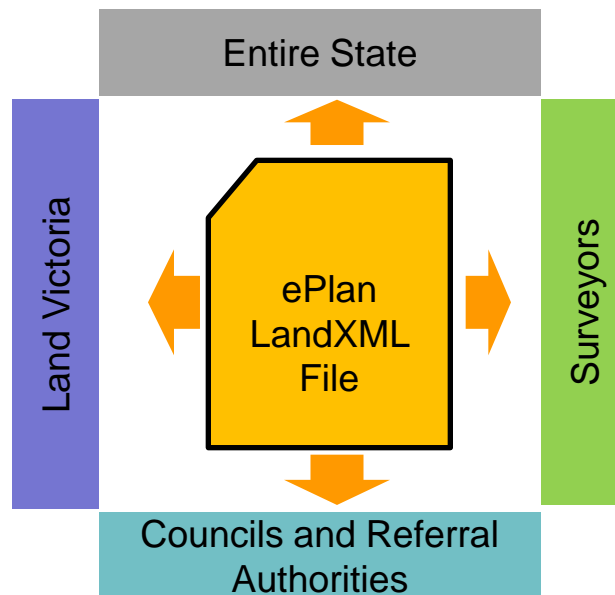
# What Can Be Included In An ePlan?



# Potential Benefits of ePlan

- Prepares a standard data exchange format for all stakeholders
- Upgrades the spatial accuracy of map base

- Pre-populates the Titling System
- Creates the OC reports and new titles
- Reduces lodgement to registration turnaround time
- Provides the data for digital plan examination



- Provides pre-lodgement checks via Validation Report
- Eliminates the drafting step via Visualisation Service
- Eliminates the duplication of drawing files by storing all required data in Computed Plan
- Speeds up the application creation process in SPEAR
- Saves time in constructing the subsequent surveys
- Auto-generates the Surveyor's Report

- Populates the Created Parcel Names for Street Addressing
- Provides input for creating parcels databases (lots, roads, reserves, easements, restrictions)

# Software Vendors Progress

- At present, there are 2 fully functional ePlan-enabled surveying software packages:
  - LISCAD
  - GeoCivil/ePSALON
- New vendors:
  - Civil Survey Solutions (**AutoCAD Civil3D Stringer ePlan**)
  - 12d Solutions (**12d Model**)
  - Topcon Positioning Systems (**CivilCad**)

# ePlan Engagement Program

- Aims

- ePlan team visiting surveying firms to gain a better understanding of their business workflows and requirements
- Obtain feedback on the current and future development of the ePlan visualisation product and validation service
- Demonstrate to surveyors the ePlan workflows

# ePlan Engagement Program

- Workshops:



- ePlan team will provide a case study investigation from data provided by the respective firms
- Next step: Continue engagement with surveying firms and to extend the engagement program to councils

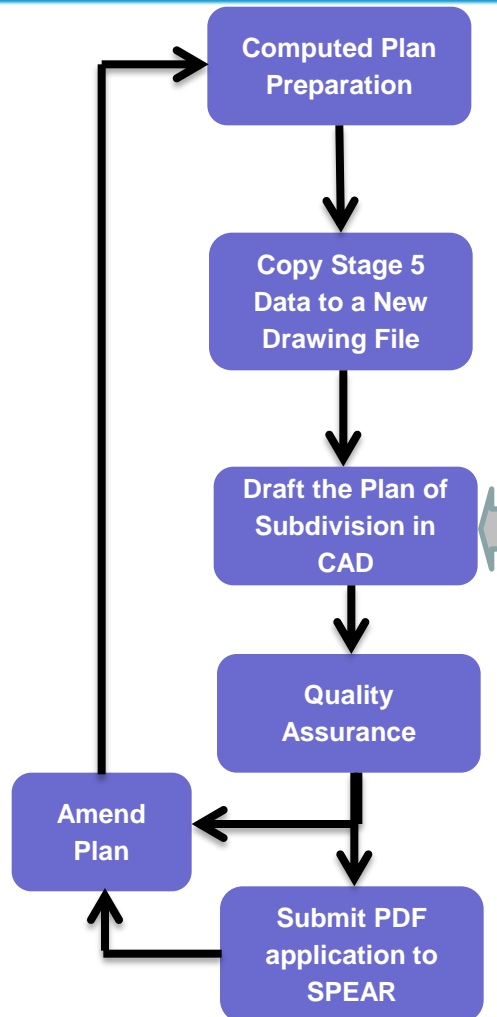


# SMEC ePlan Case Study

- The aim was to align ePlan with SMEC's current business practices and product quality.
- The ePlan team received a copy of a [large estate computed plan of Laurimar](#) from SMEC.
- AutoCAD Civil3D Stringer ePlan application was used to convert one of the stages of the computed plan to an ePlan.

# SMEC ePlan Case Study

PDF creation - PS640838T

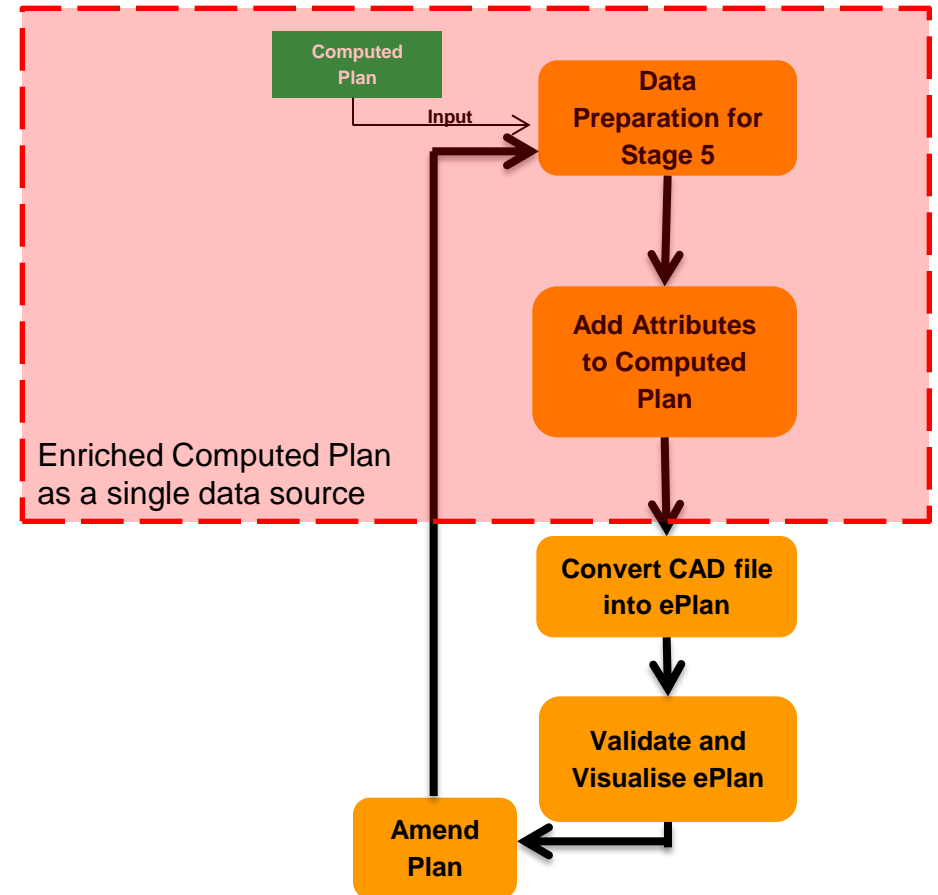
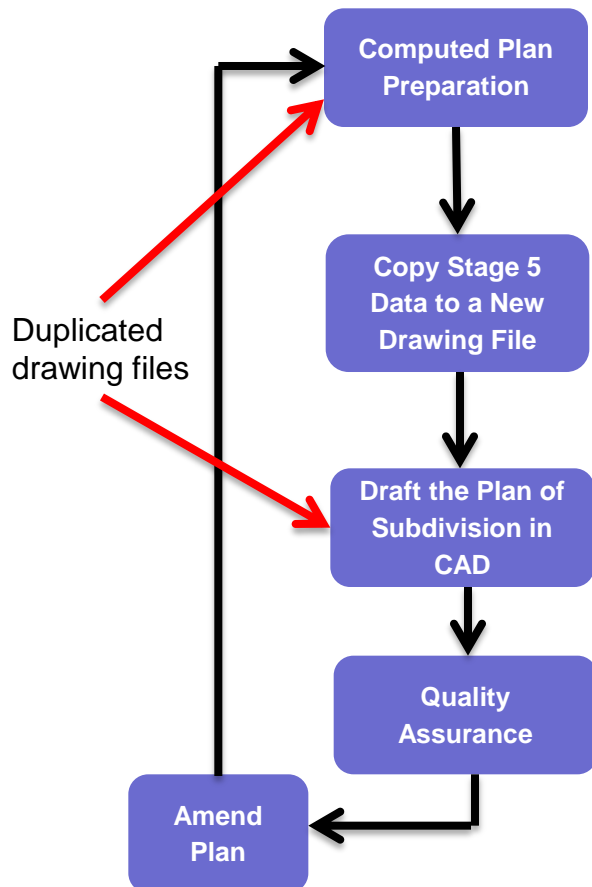


- Use the relevant plan template
- Define sheets and scales
- Add front sheet details
- Add easements
- Add road connections
- Add Owners Corporation Details
- Add Restriction details
- Add enlargement diagrams

# SMEC ePlan Case Study Demo

# SMEC ePlan Case Study

## PDF vs ePlan creation



# ePlan Visualisation Enhancement Tool

- A new tool for surveyors to:
  - define sheets
  - define exaggerations by distorting points
  - create enlargement diagrams
  - adjust labels and arrows
- Further functions can be considered in the development of the tool through consultation with the industry.

# ePlan Visualisation Enhancement Tool Demo

# Discussion