Cadastre NSW: New Property Data Services for Local Government

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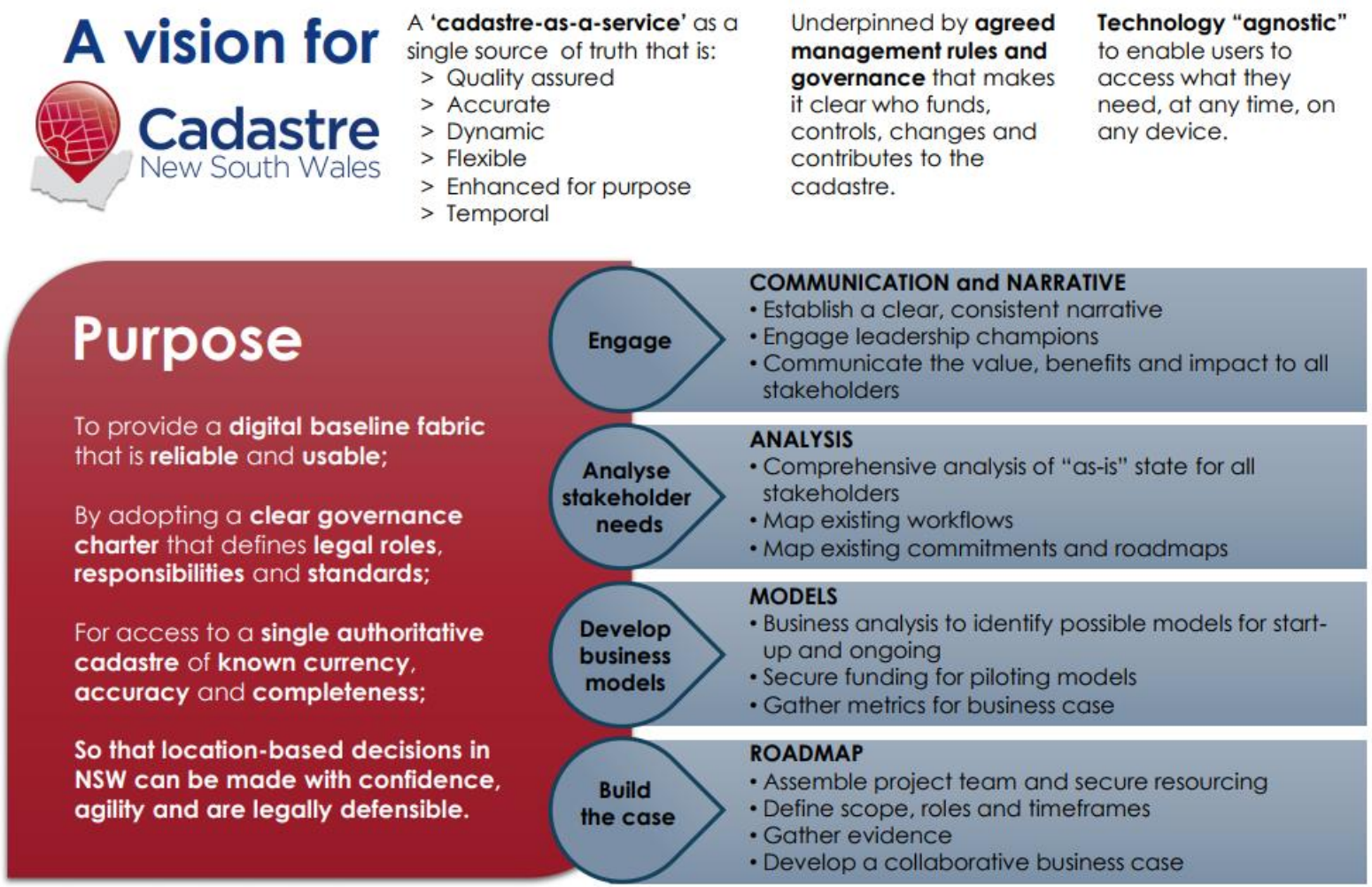
Cadastre NSW – the journey so far

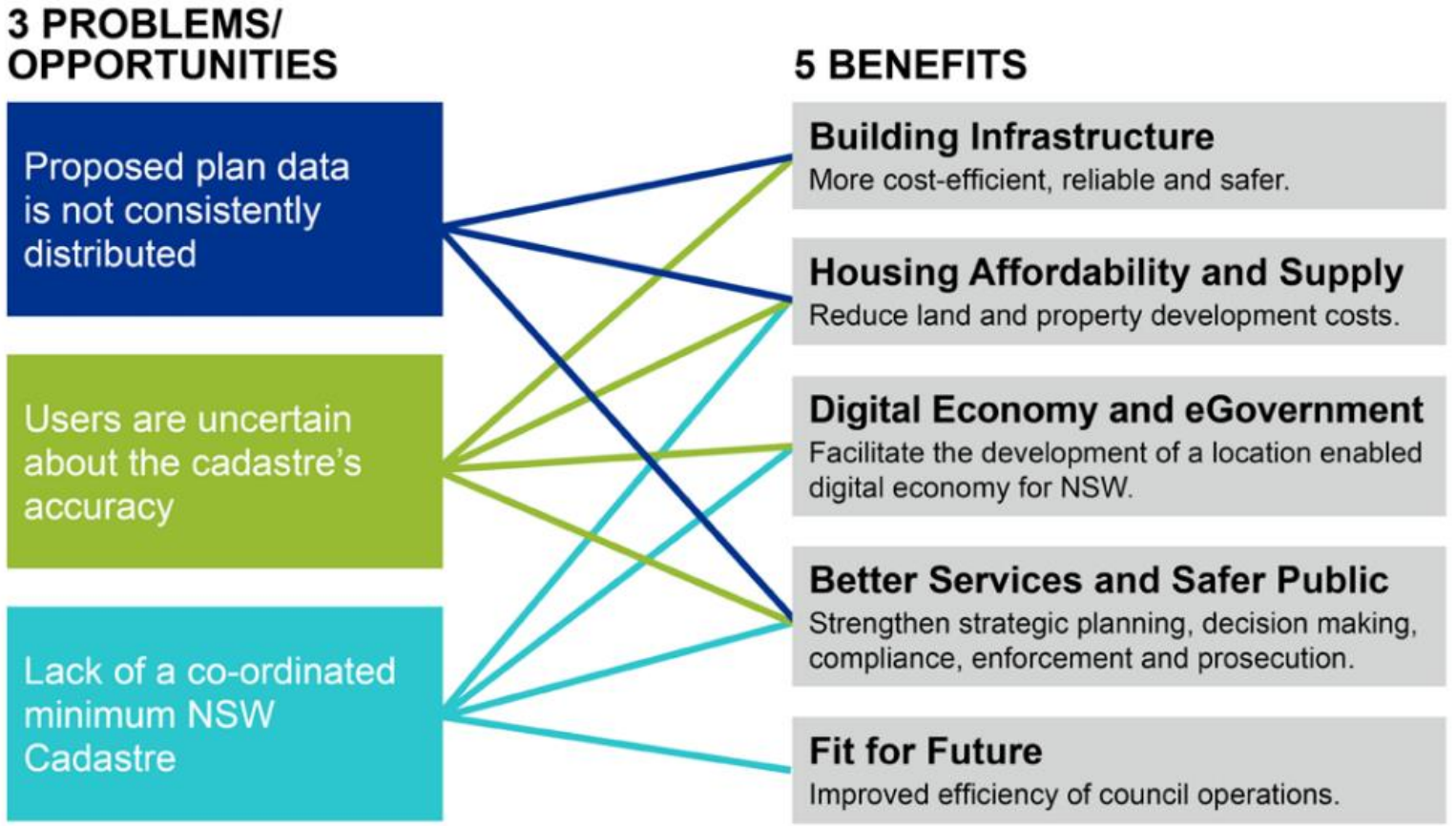
- Stakeholder engagement
  - Define vision

"Underpinned by **agreed management rules and governance** that makes it clear who funds, controls, changes and contributes to the cadastre"



Cadastre NSW – the journey so far

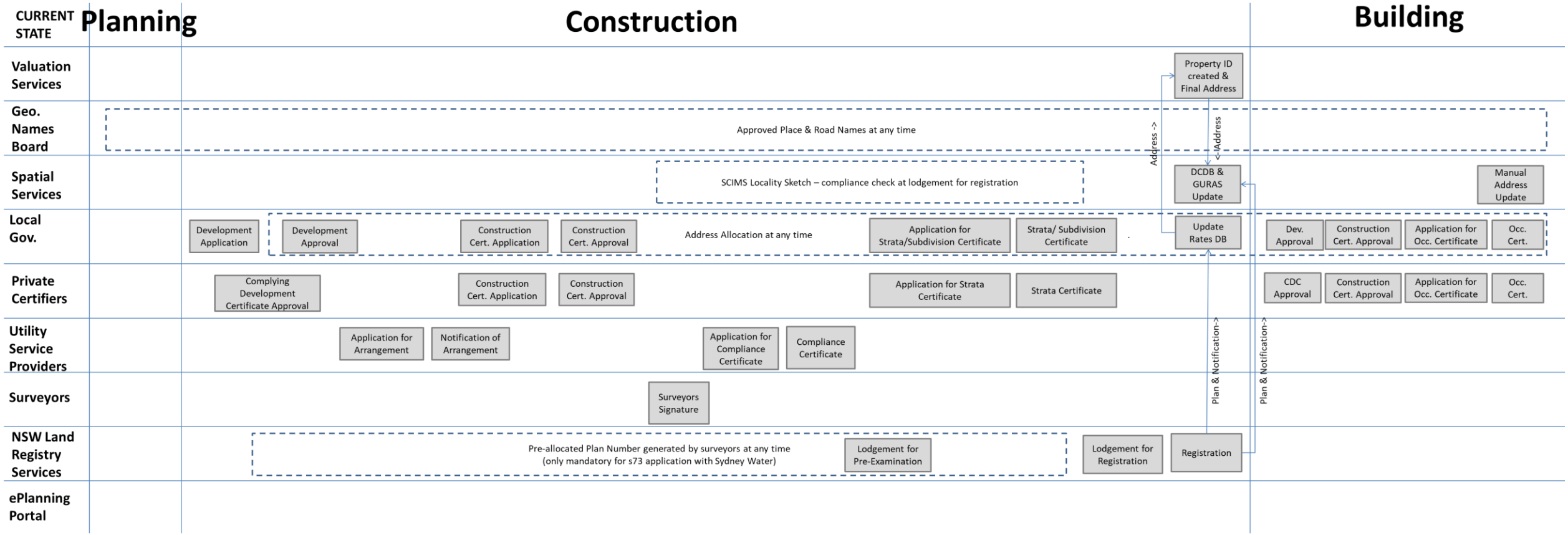
- Stakeholder engagement
  - Define vision
  - Assess current state



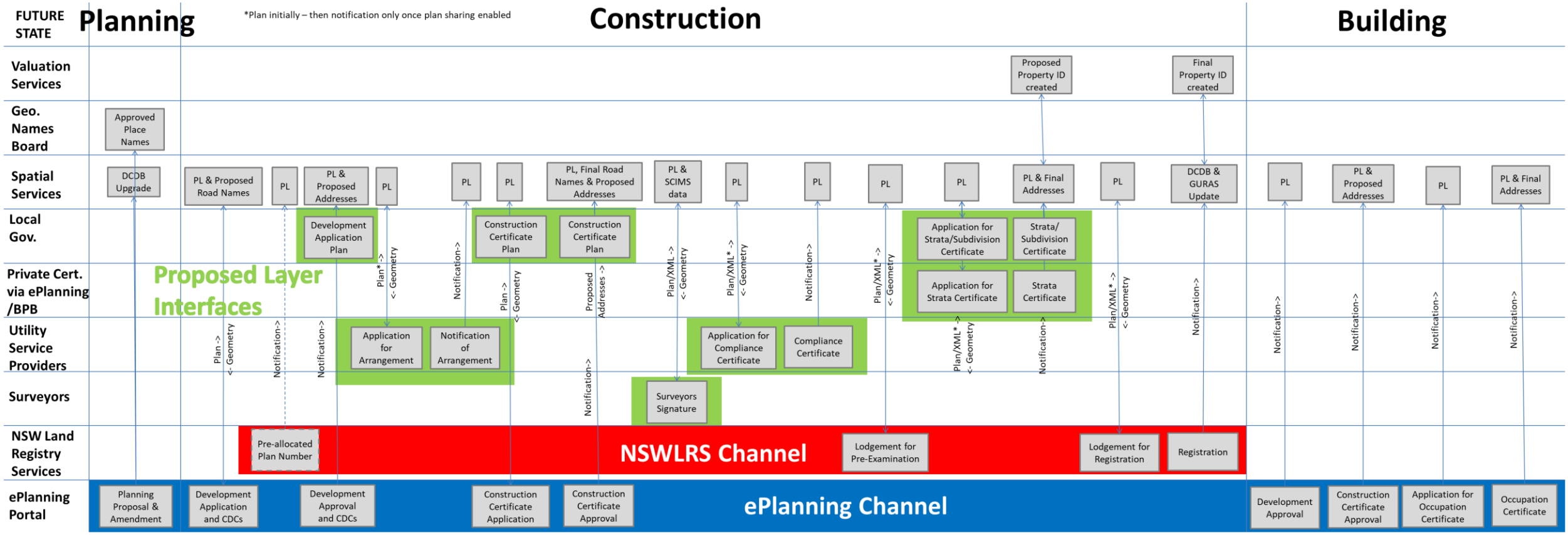
Cadastre NSW – the journey so far

- Stakeholder engagement
  - Define vision
  - Assess current state
- Pilots
- Property Development Pipeline defined strategic context
- Year One requirements (FY17/18)
- Procurement
- Testing
- Production and on-boarding
- Year Two enhancements (FY18/19) defined

Current State



Proposed Future State



Cadastral data supply chain

ePlanning

Cadastre New South Wales

Planning phase

Submission, tracking and approvals for Development Applications (DA)

Construction phase

Tracking and approval of proposed plans and visualisation of proposed lots

Building phase

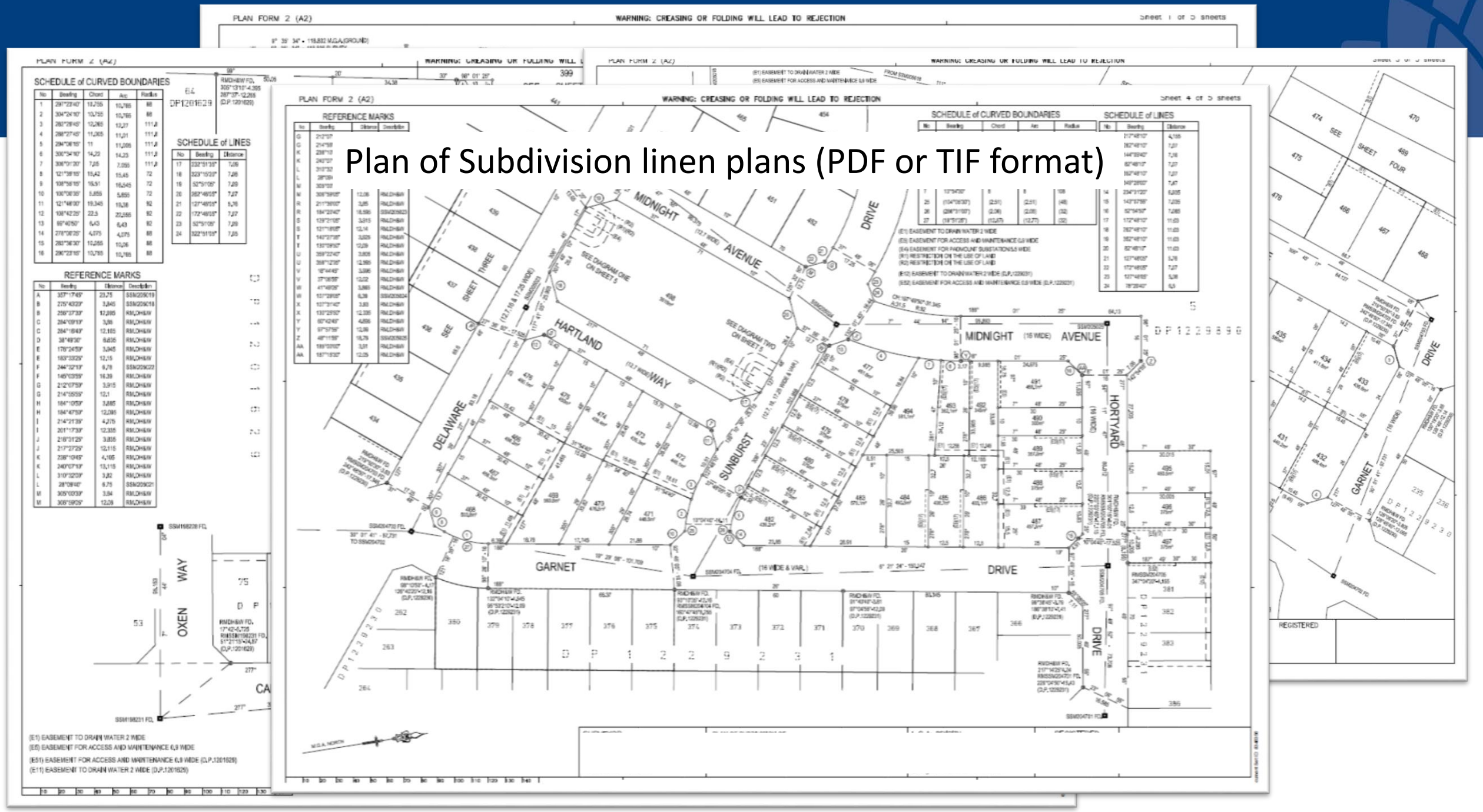
Building approvals, commencements and completions

Revision cycles

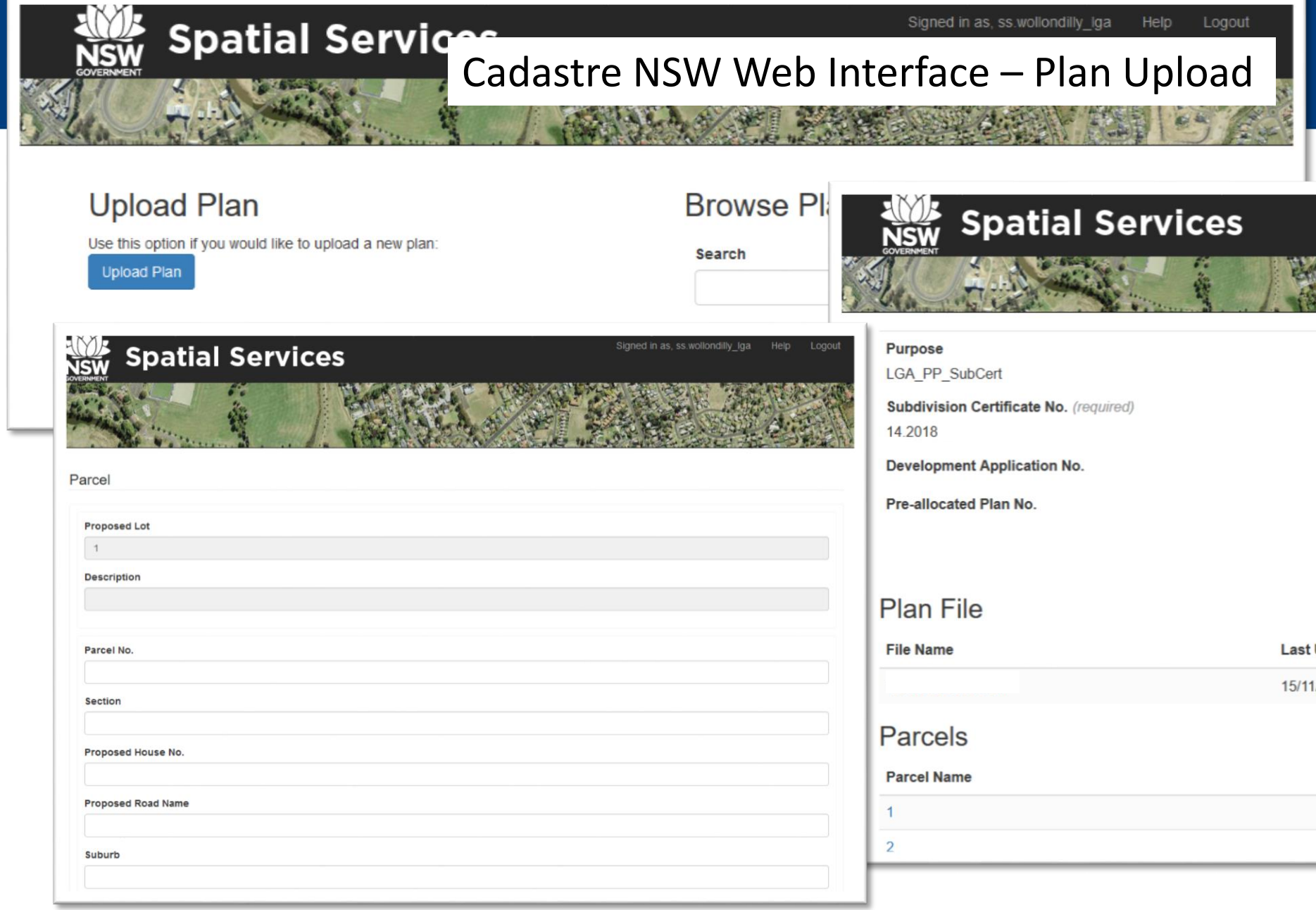
Where DA involves subdivision of land

Lots finalised upon plan registration

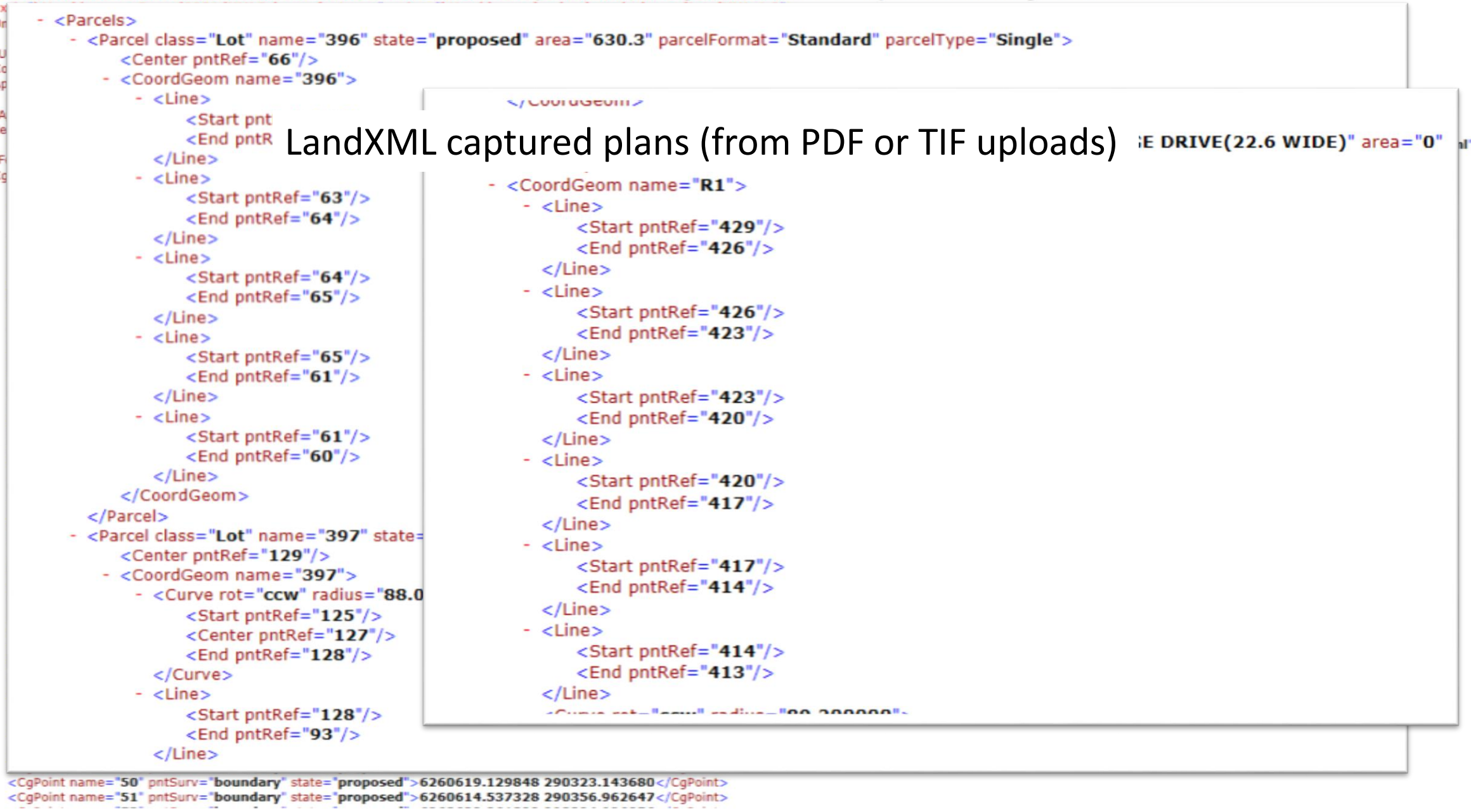
Information references features in the digital cadastral database (Lot/Plan)


PLAN FORM 2 (A2)
WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION
Sheet 4 of 5 sheets
SCHEDULE of CURVED BOUNDARIES
SCHEDULE of LINES
REFERENCE MARKS
Plan of Subdivision linen plans (PDF or TIF format)
MIDNIGHT AVENUE
HARTLAND WAY
DELAWARE
SUNBURST
HORTYARD
GARNET
DRIVE
OXEN WAY
REGISTERED

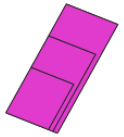
Cadastre NSW Web Interface – Plan Upload

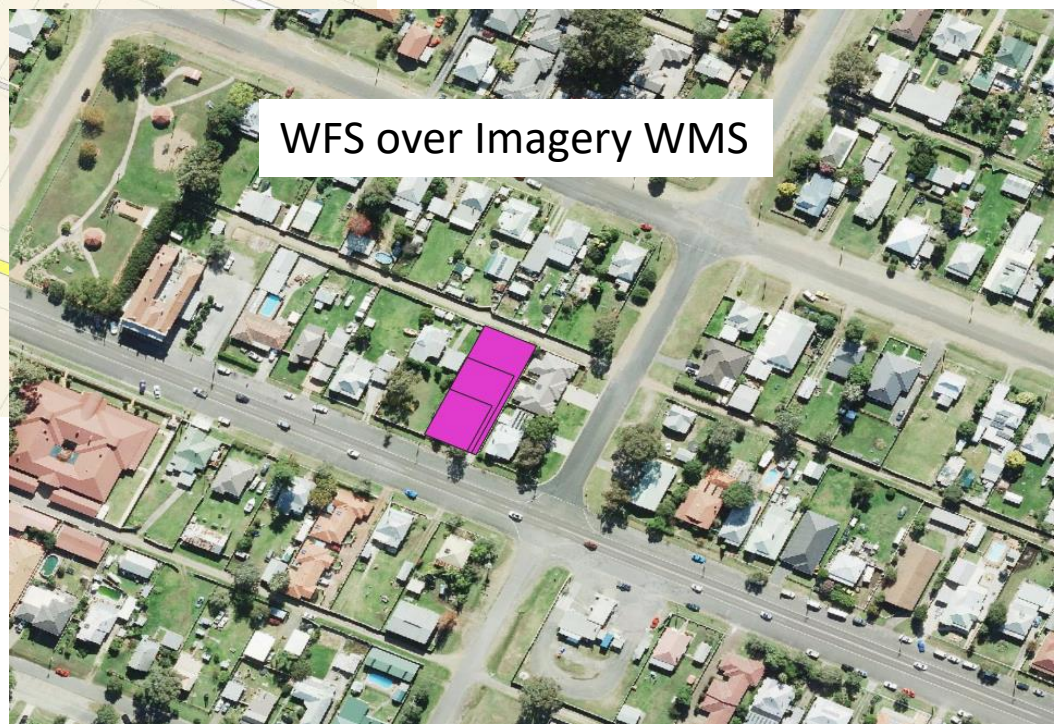


LandXML captured plans (from PDF or TIF uploads)



Web Feature Service (WFS) layer





WFS Parcel layer interrogation

QGIS

Identify Results

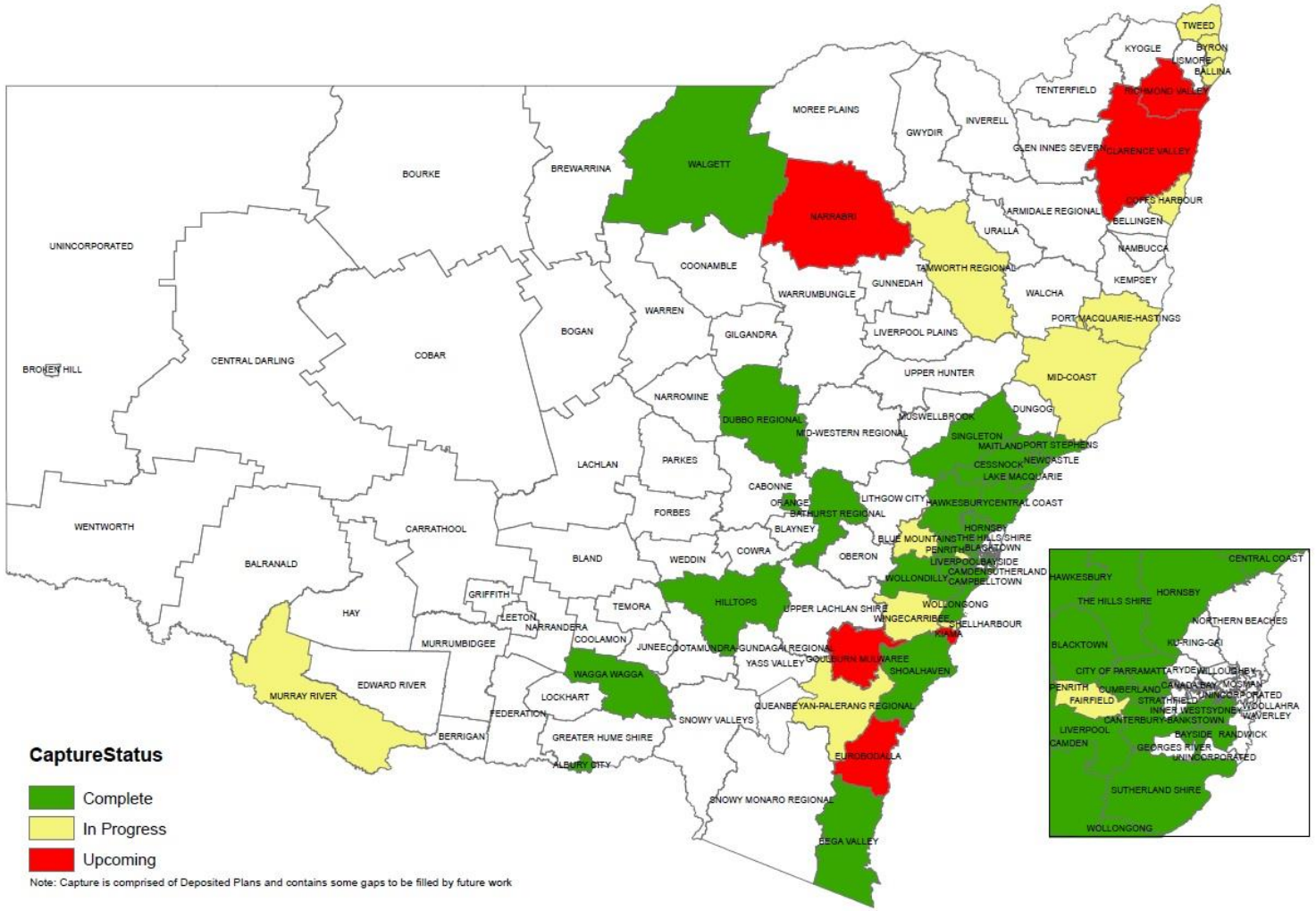
Feature	Value
ProposedParcel	
parcelid	123//
(Derived)	
(Actions)	
parcelid	123//
type	
proposed_lot	123
section	
proposed_plan	NULL
strata_level_no	
sub_cert_issue_date	
sub_cert_number	14.2003.
new_pcl_num	NULL
w_id	
file_number	
details	
proposed_house_no	
proposed_st_name	
suburb	
purpose	
stated_area	
class	Lot
description	
applicationDate	
ppn	0
supByRegPlanDate	
editPage	https://cadastre.nsw.gov.au/web/edit-parcel.html#a

Proposed Future Enhancements

- Extend the number of business transactions supported
- Extend linking capabilities to other ‘unique’ identifiers
- Integration with 3rd parties for greater automation
- Fully replace LandXML QA tools
- Enhance web user interface
- Generate additional geometry products
- Data analytics on property lifecycle (including real-time dashboard)

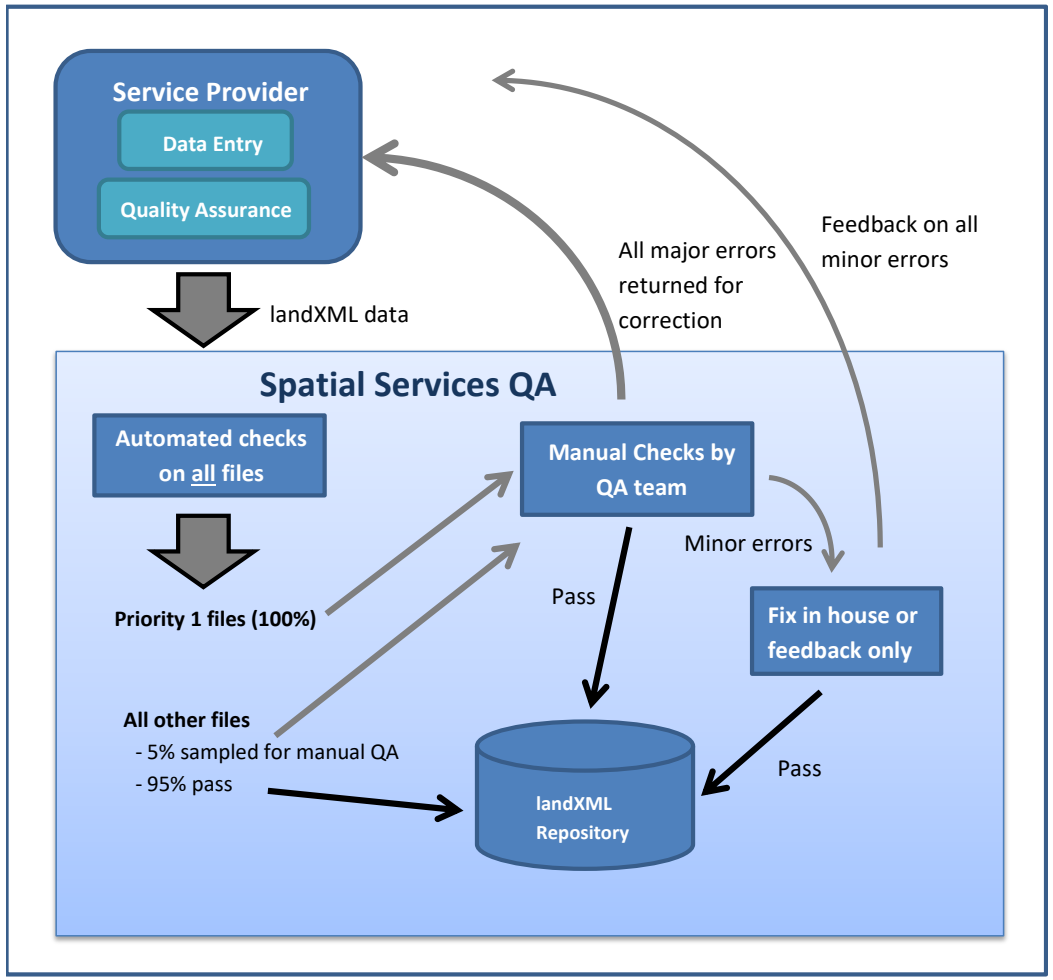
DCDB Accuracy Improvement

- Back-capture of registered plans in LandXML:
  - 330,000 plans already captured through external supplier
  - Approx. 320,000 to go to complete the state
  - Internal QA team established to monitor quality
- DCDB Upgrade efficiency improved significantly compared to manual data entry

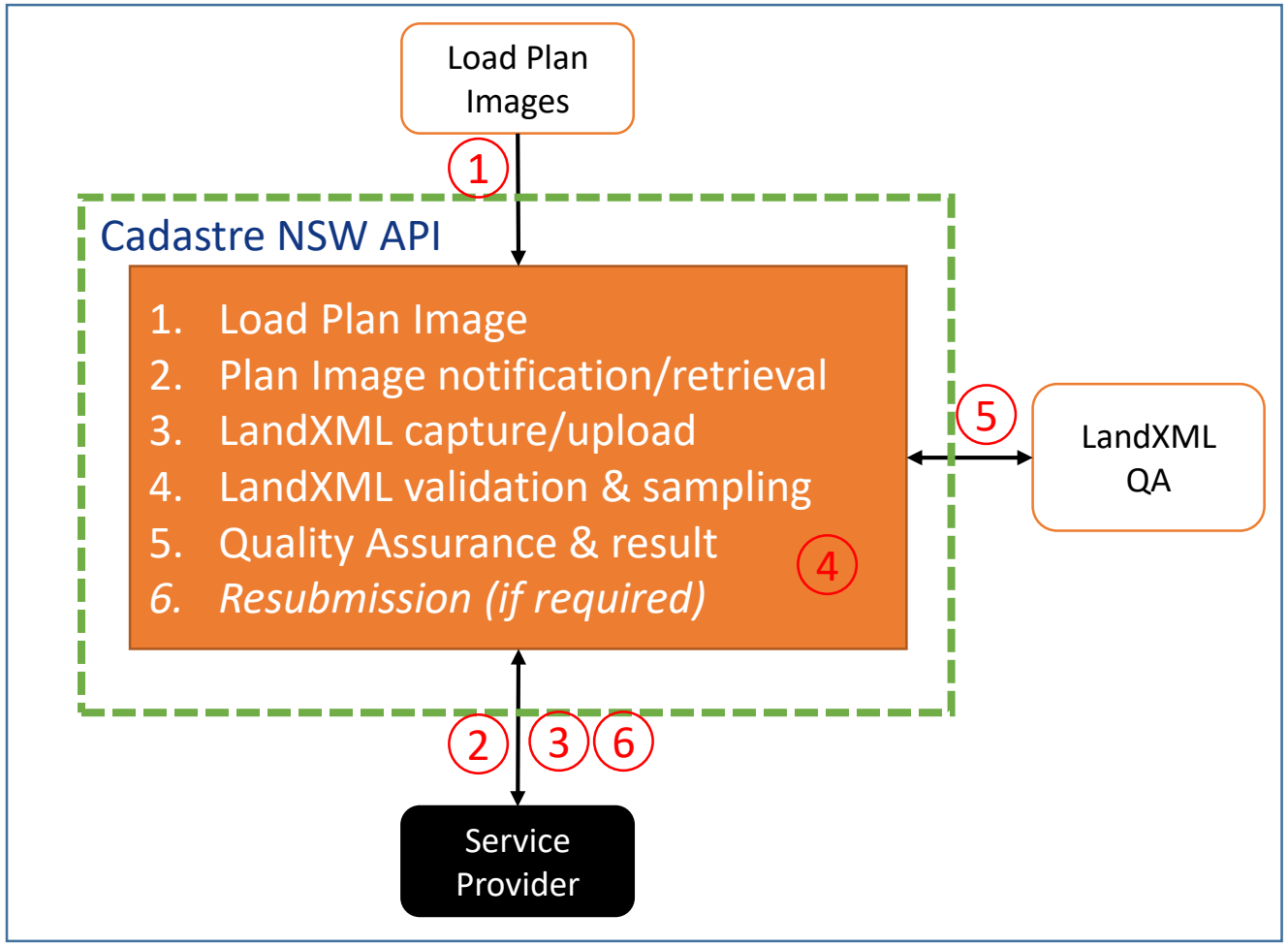


Back-Capture & QA

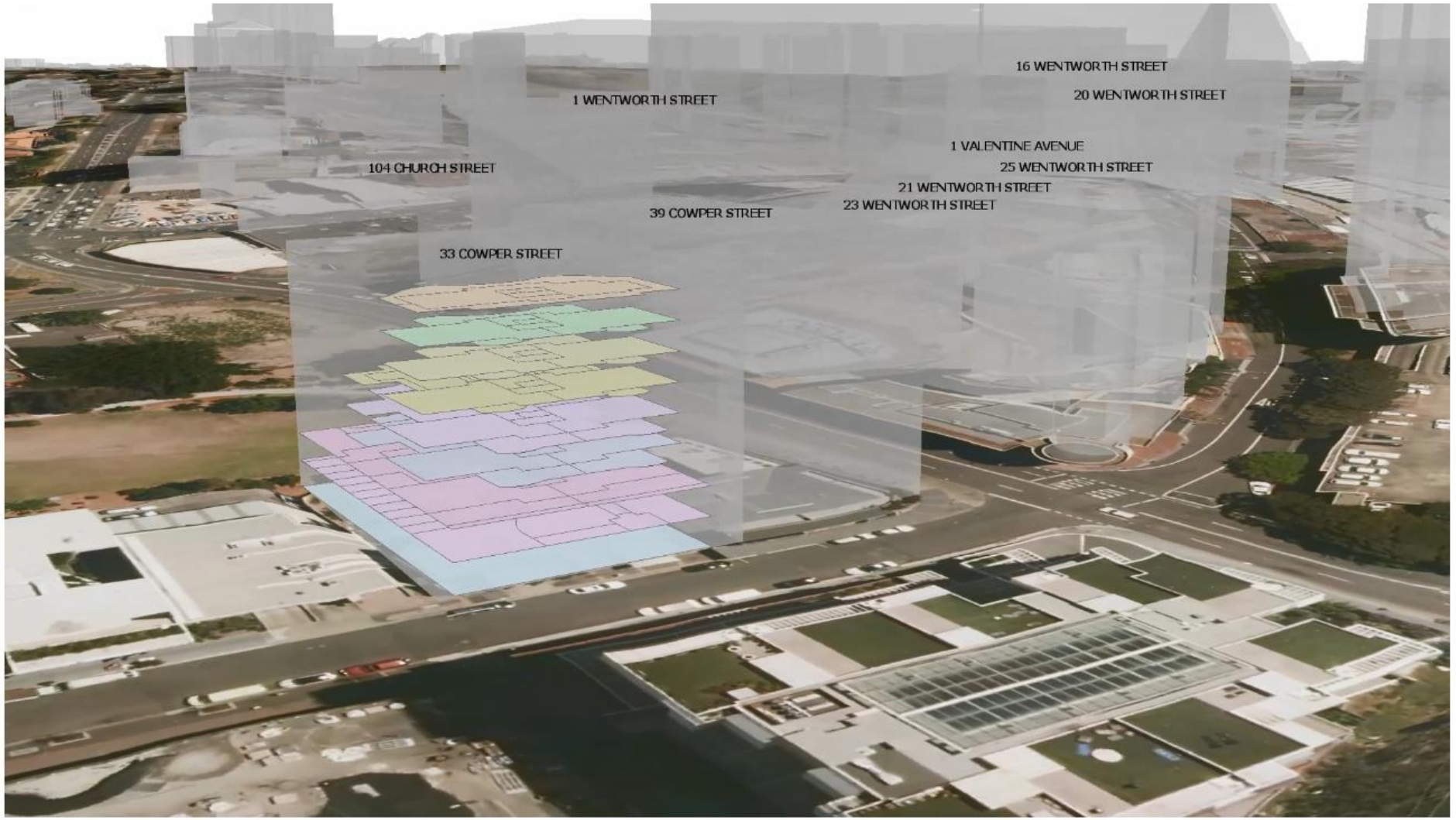
Before



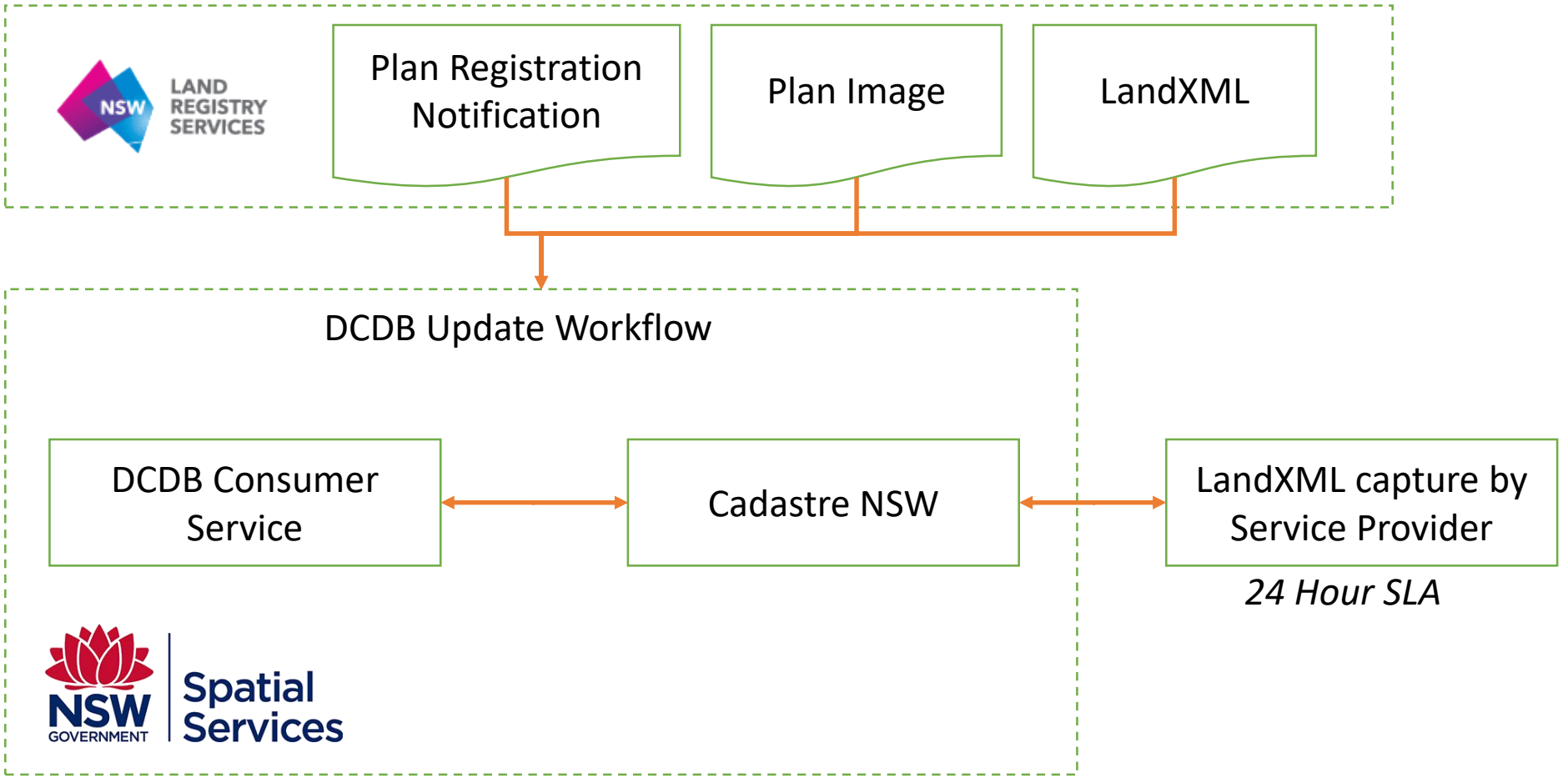
After



Strata Plan capture – proposed future enhancement

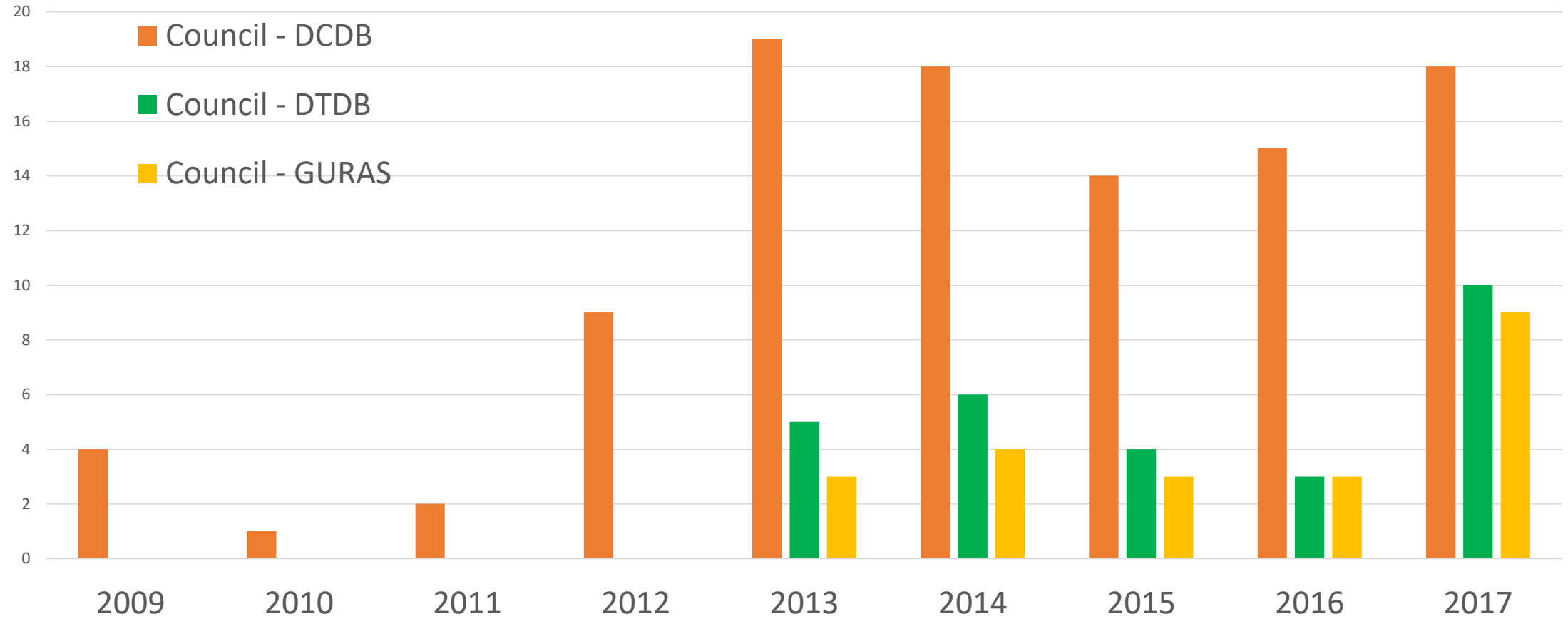


Faster DCDB Updates



Faster DCDB Updates

Number of Councils Newly Signed Up/Restarted/Migrated and Receiving Data via Incremental Feed



The count is based on 'Base Line Date' for each currently Active Data Feed of DCDB, DTDB,GURAS. Few duplicate feed exist due to council amalgamation

Summary

- New capture on demand services for subdivision certificate application plans (linens)
- Products can be tailored to each Council's specific needs
- Pilot councils engaged and currently testing in Production
- Expand on boarding activities:
  - Utility providers and state agencies
  - Targeted KPIs (FY2018/19)
  - Priority growth areas
  - Interested parties
- Continued development of Year Two enhancements to services and operations
  - Strata Certificates
  - Development Application (DA) plans
- Expansion to utility providers and state agencies to underpin greater coordination and efficiency in property creation process

Thank you

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