

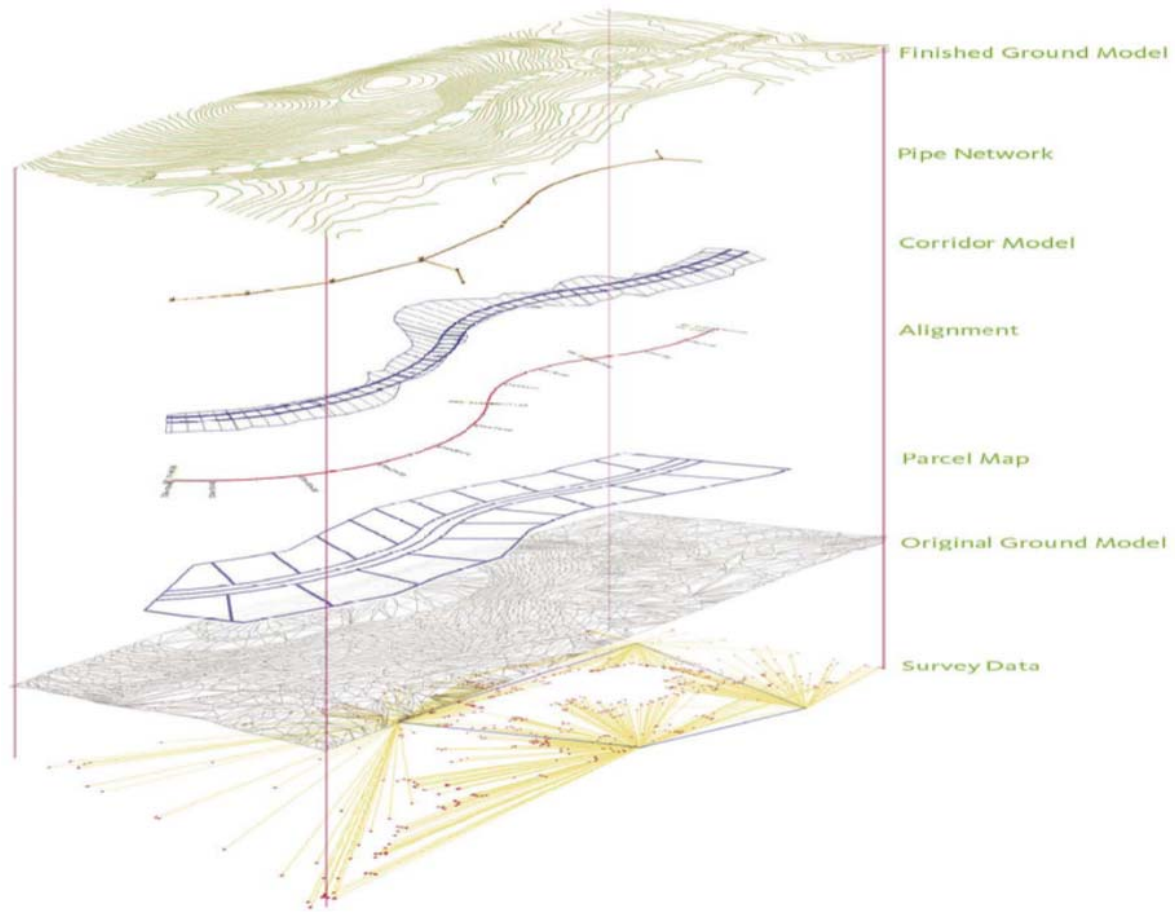
# LandXML

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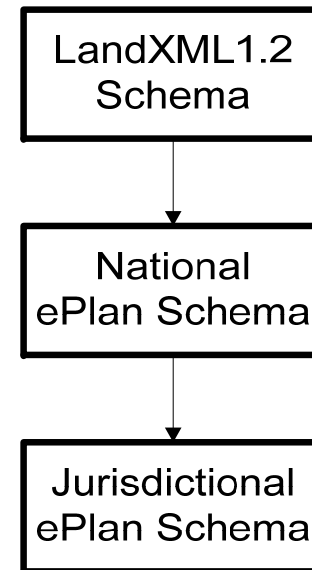
The University of Melbourne

# LandXML



# ePlan in Australia

- LandXML1.2
  - International Standard
- National ePlan Schema
  - Common structure and elements for Australia
- Jurisdiction ePlan Schema
  - Specific elements for jurisdictions
- All schema backwardly compatible



LandXML 2.0 is under implementation and the draft version can be accessed via <http://www.landxml.org/>

# What is in an ePlan?

- An ePlan contains information in a **cadastral survey** including:
  - Surveying measurements, dimensions of the parcels
  - Interests in land e.g. easements
  - Land parcel descriptions and identifiers
  - Administrative information e.g. municipality
  - Owners corporation schedules
  - Survey marks, traverses and connection to title
  - Textual annotations
  - Plan approval status

# Current and Future Capabilities

- Current
  - Digital Plan Lodgements
  - Digital Plan Examination
  - Validation Service
  - Visualisation Service
  - Visualisation Enhancement Tool
  - Available in 9 surveying software solutions
- Future
  - Strata/building plan lodgements
  - Automatic digital cadastre map update

# LADM and LandXML

- Lessons learnt
  - Technical and non-technical



**3D**  
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**2017** 3D GeolInfo Conference



12th 3D GeolInfo Conference  
26 - 27 October

1st International IAG Workshop on BIM and  
GIS Integration  
25 October

3D Cadastres symposium and training  
24 October