



More Explicit Relations with Building Information Modelling, BIM/IFC

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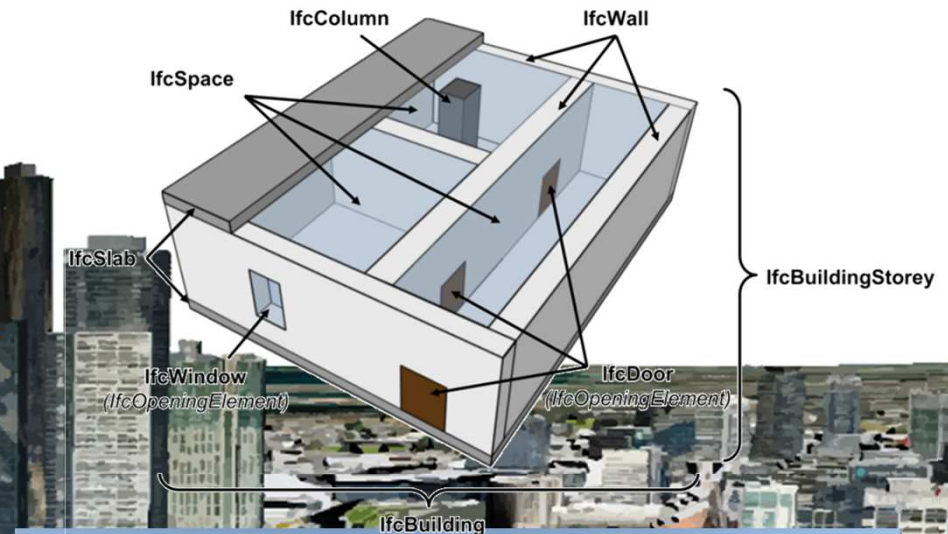


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3D Building Information Modelling

AUSTRALIA

- Rich and shared knowledge resource for managing building information in three physical dimensions and enables multi-disciplinary collaboration among different stakeholders involved in the development process of high-rise buildings.

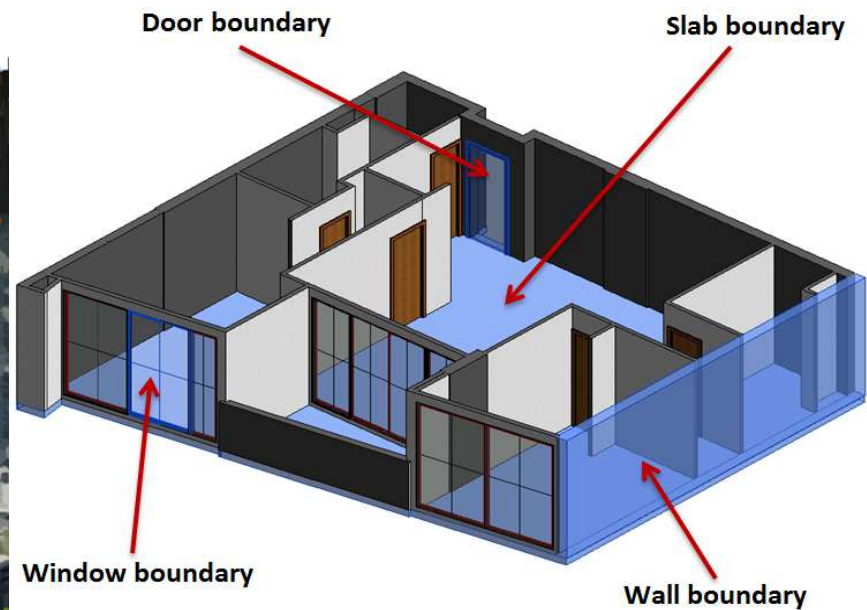


3D

BIM for Land Administration

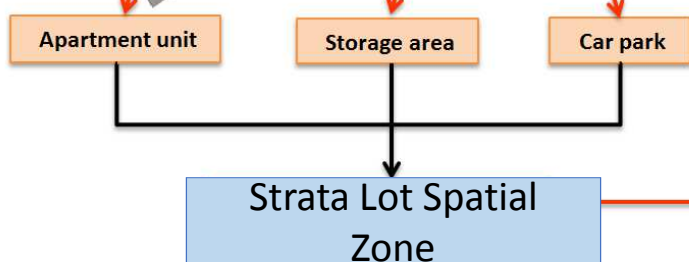
AUSTRALIA

- Given that land administration information about high-rise buildings is mostly derived from the physical aspects of the building, BIM models could potentially offer a feasible solution for the 3D digital management of ownership rights.

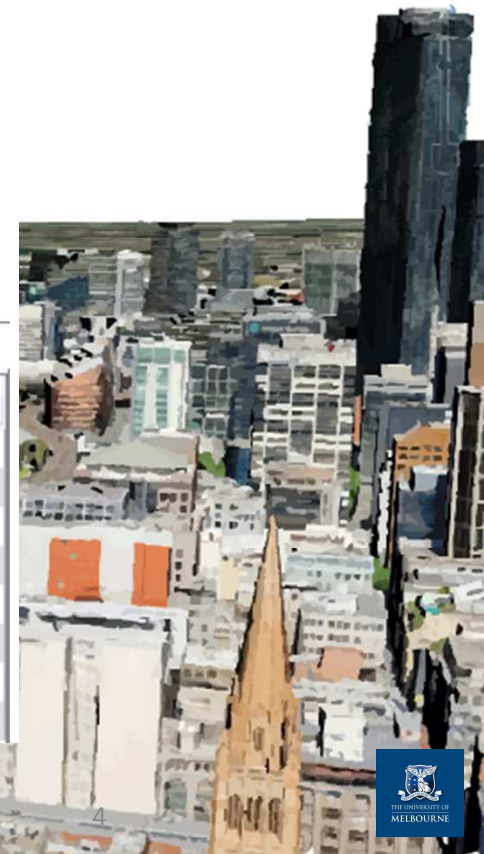




Strata Lot Example in BIM



Pset_PrivateProperty	
Property	Value
Computed Volume	625.09 m3
Land Use	Residential
Lot Entitlement	40
Lot Liability	55
Lot Name	LOT-303
Lot Owner	Ms. Kate Johnson
Private Property State	Created
Private Property Unit	MultiPart



The logo consists of a red 3D cube with the number '3' on the top face and the letter 'D' on the right face. Below the cube, the word 'AUSTRALIA' is written in white capital letters on a red rectangular background.

3D

LADM and BIM

- Explicitly
 - accommodate those situations where physical elements are used to delineate the spatial extent of 3D RRR spaces
 - provide sufficient semantic information about 3D RRRs, e.g. “LA_BoundaryFace”
 - address use cases predicated on physical building attributes that could have legal implications such as valuation and taxation

3D AUSTRALIA

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

