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Protecting Our World, Conquering **New Frontiers**

Interaction of Land **Objects from LADM** Models to Improve **Citizen Services**











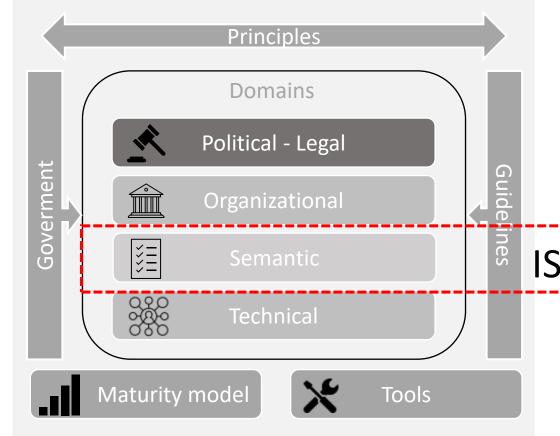


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Interoperability Framework in Colombia



ISO 19152:2012 LADM











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THE IMPLEMENTATION

Identify the TO

Modeling

Publish Data











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THE IMPLEMENTATION

Stage 1

Identify **Territorial Objects**



PARCEL

National Park

Protected areas

Forest reserves

LAND USE PLANNING

Mining and Energy











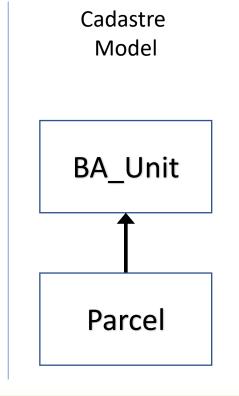
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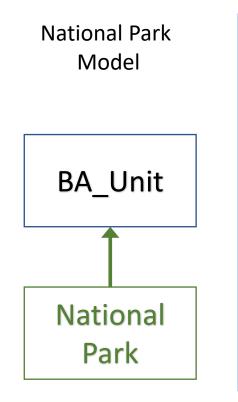
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THE IMPLEMENTATION

Stage 2

Modeling Territorial Objects





BA_Unit
LUP

Land Use Plannig











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THE IMPLEMENTATION

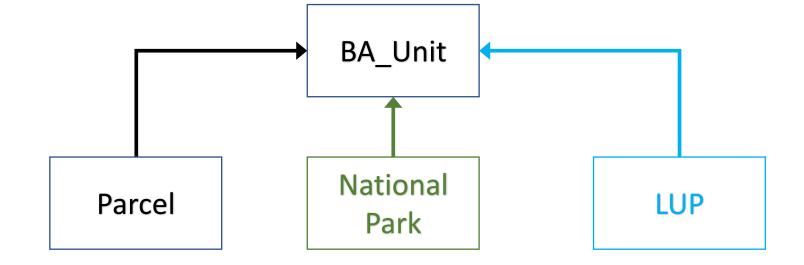
Stage 2

Modeling **Territorial Objects**

Cadastre Model

National Park Model

Land Use Plannig Model













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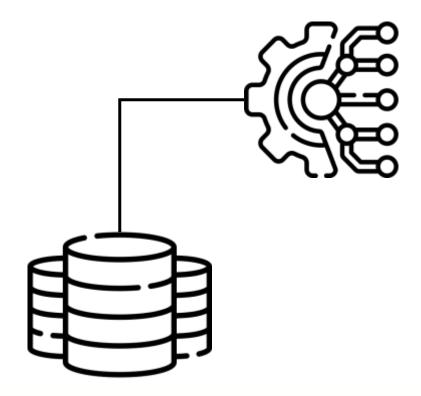
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THE IMPLEMENTATION

Stage 3

Publish

Data













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LADM LAND USE PLANNING











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CURRENT STATUS OF THE DATA



→ + 1100 Municipalities



(1) LAND USE PLANNING









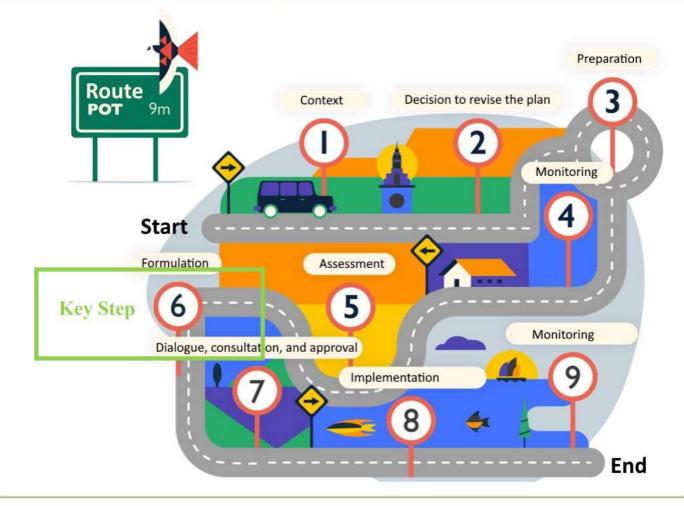




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Steps for Land
Use Plan (POT
Route)
Implementation













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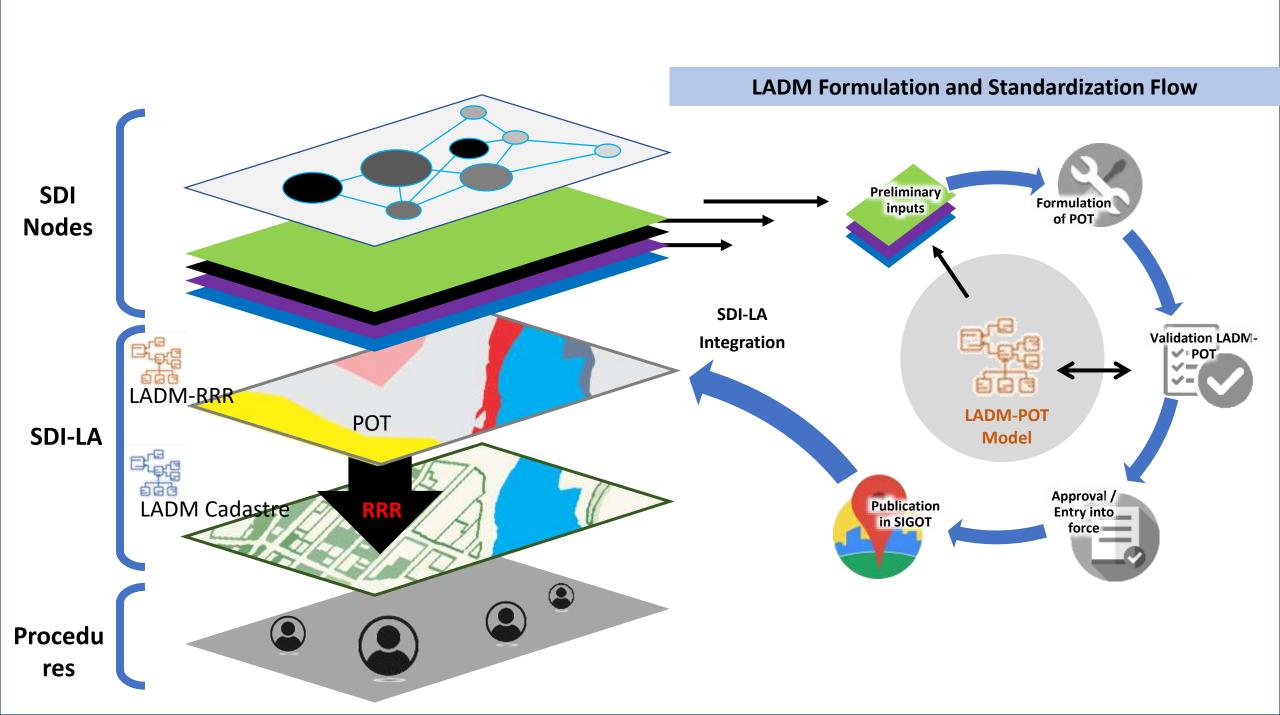
Relationship between Land Objects and External Models

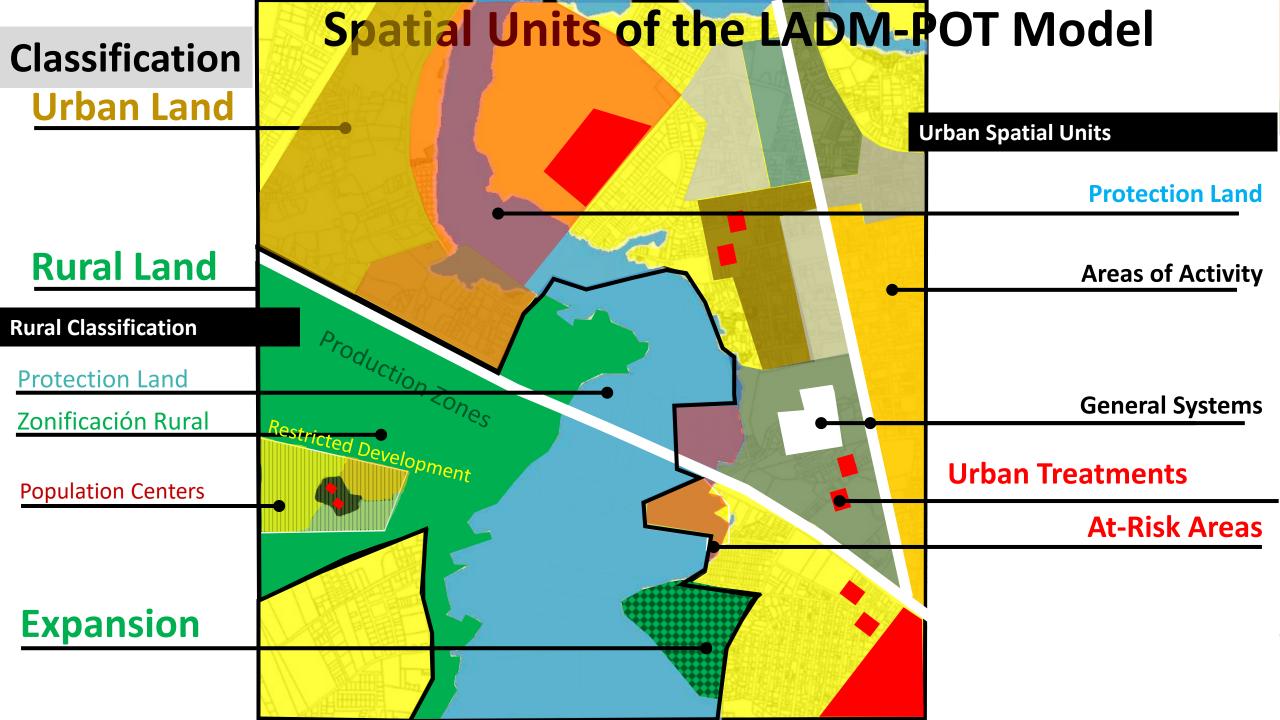














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NATIONAL DATA LADM LAND USE PLANNING MODEL ETL ETL ETL ETL ETL **ETL** ETL Municipalities Municipalities Municipalities Municipalities Municipalities nicipalities cipalities (1) LAND USE PLANNING USE PLANNING SE PLANNING PDF PDF PDF PDF SHP SHP SHP SHP











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Next Work:

- Support municipalities to transform their data
- train municipal staff to use standardized information











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What are the challenges around adding spatial planning, marine, valuation, and exchange formats to the standard?

- Spatial planning
- Marine
- **Valuation**











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Thank You!

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