



Presented at the FIG Working Week 2023,
28 May - 1 June 2023 in Orlando, Florida, USA

FIG WORKING WEEK 2023

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Protecting
Our World,
Conquering
New Frontiers

Beyond the Land Administration System

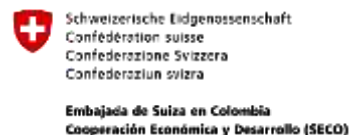
Let's Talk About Land Management!

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Content

1. **THE CADASTRE** plays a vital **ROLE** in maintaining peace in Colombia
2. **LAND ADMINISTRATION** is a paramount **PARADIGM** in Colombia
3. **THE Colombia LAS MODEL**

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Background

Country: Colombia

Area: 1,141,748 Km²

Population: 52.1 MM

Capital: Bogotá

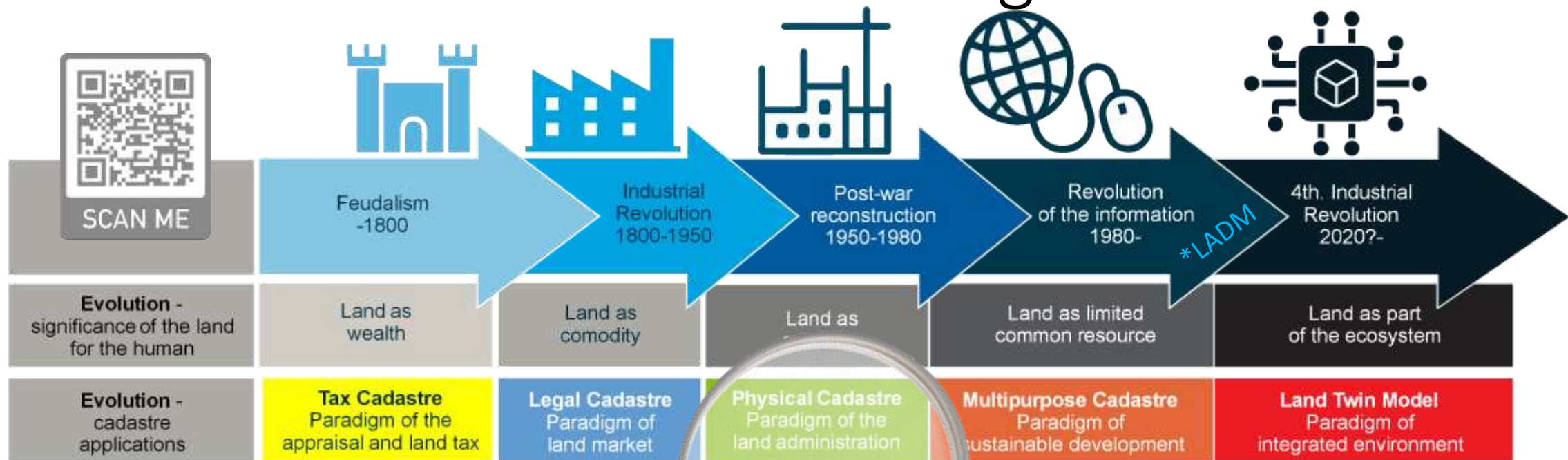
Bogota: 7.9 MM

Poverty line: 27.8%



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The Land Administration Paradigm



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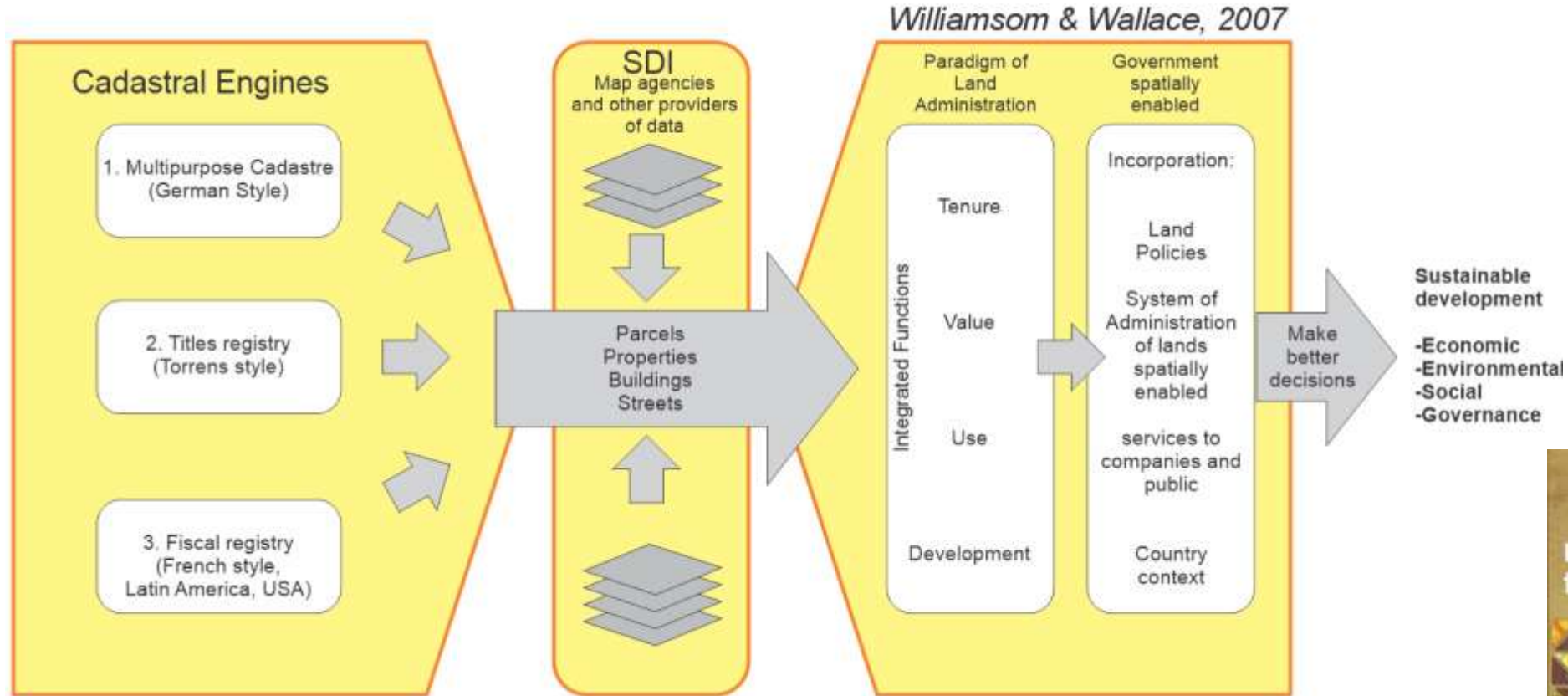
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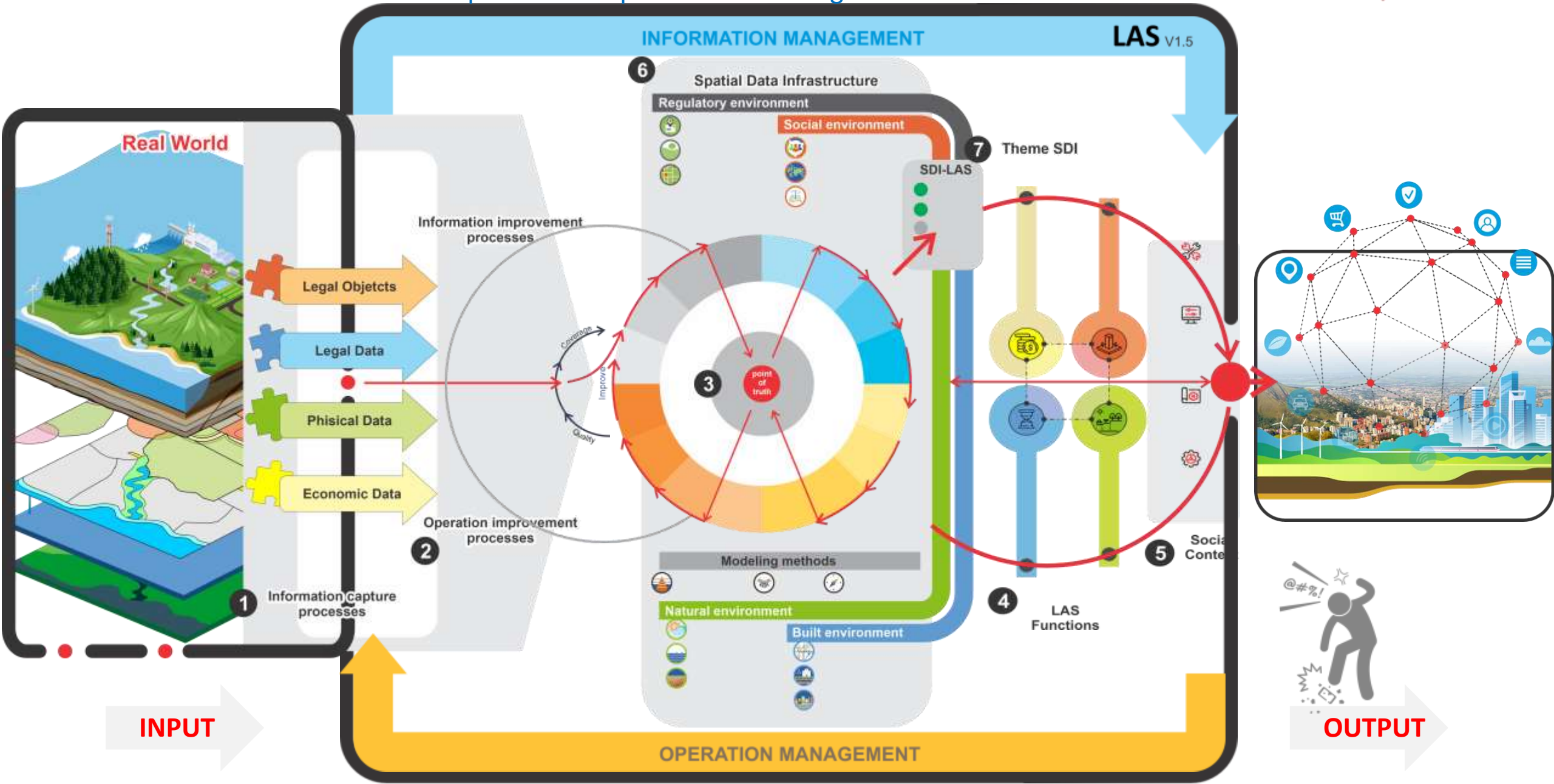


Perception - Comprehension - Insight - Decision - Action

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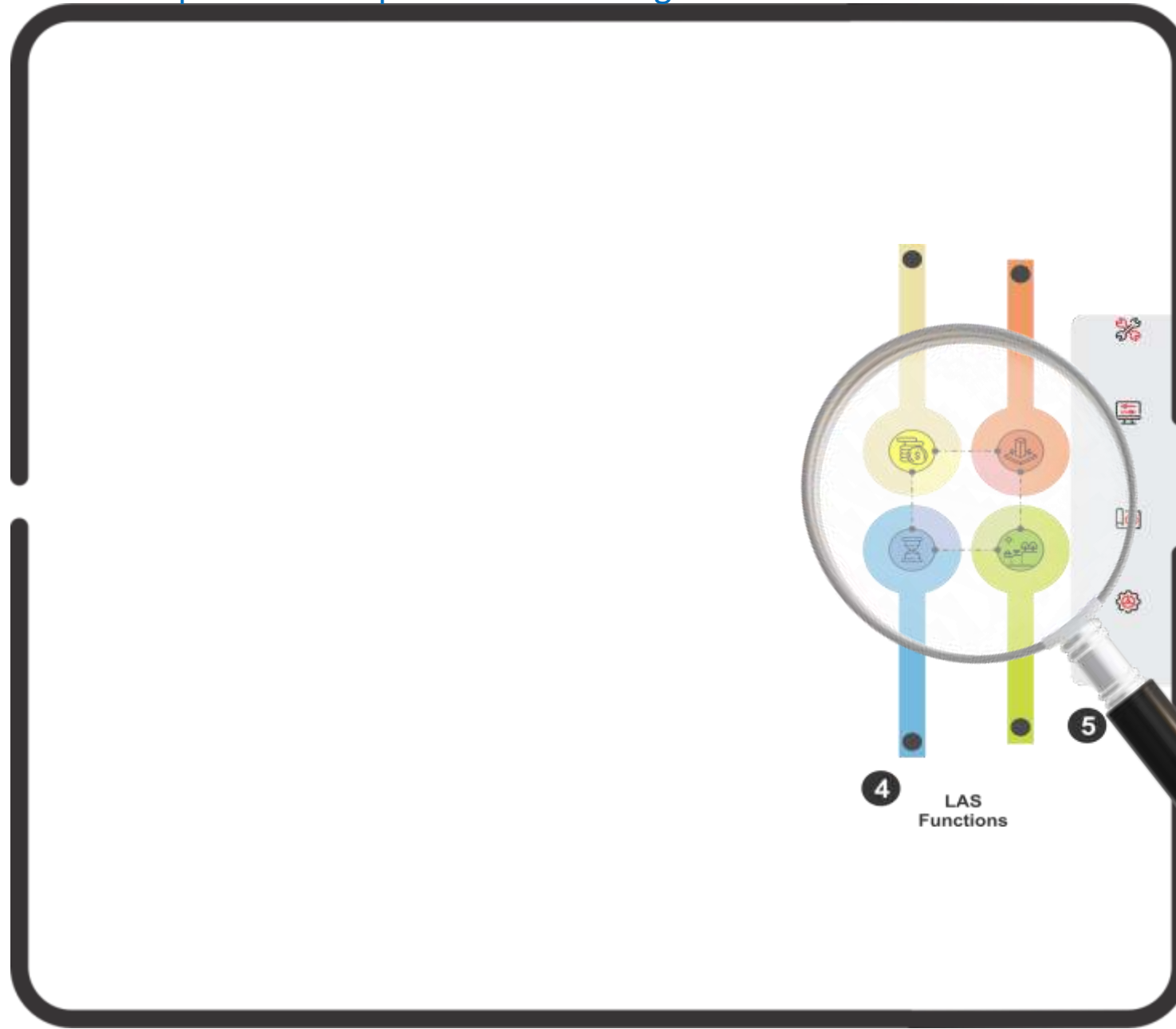
The System Value Chain

Perception - Comprehension - Insight - **Decision** - **Action**



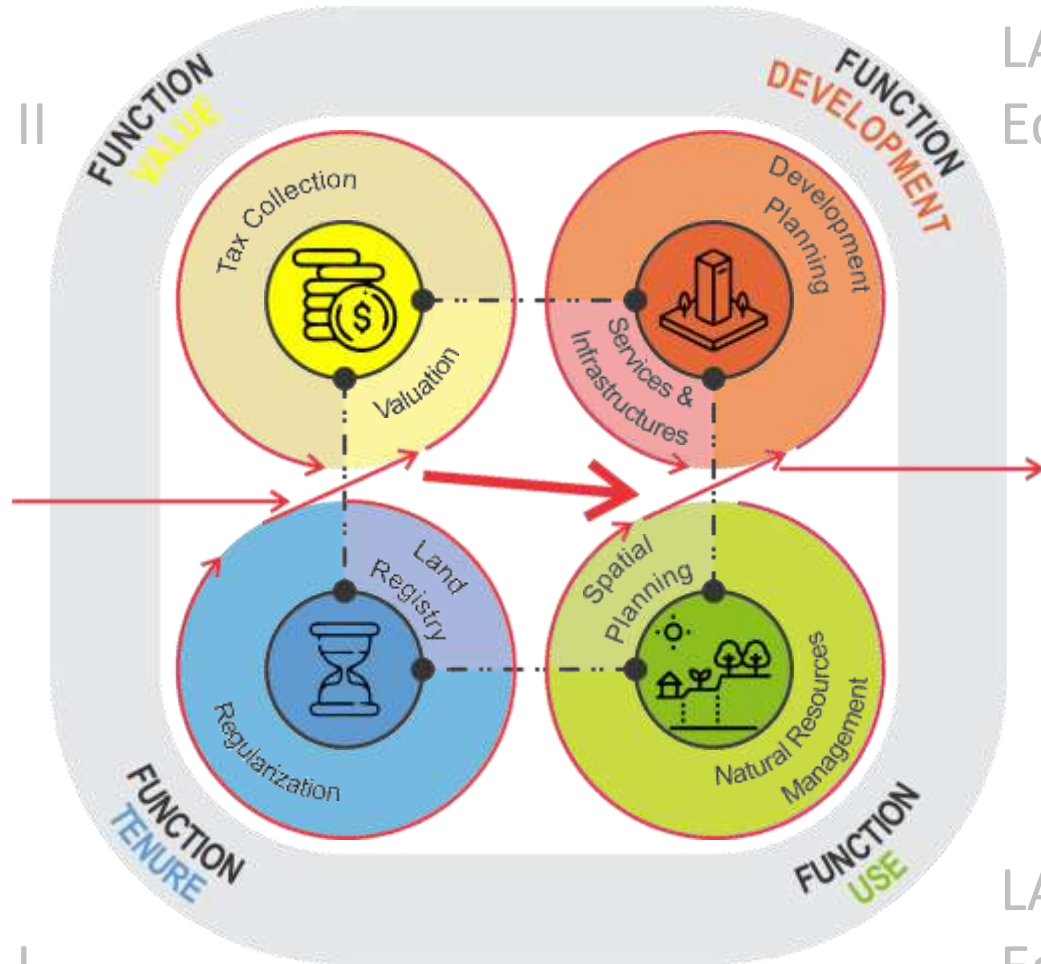
The System Value Chain

Perception - Comprehension - Insight - **Decision** - **Action**



The challenge is not only the data – but the process improvement

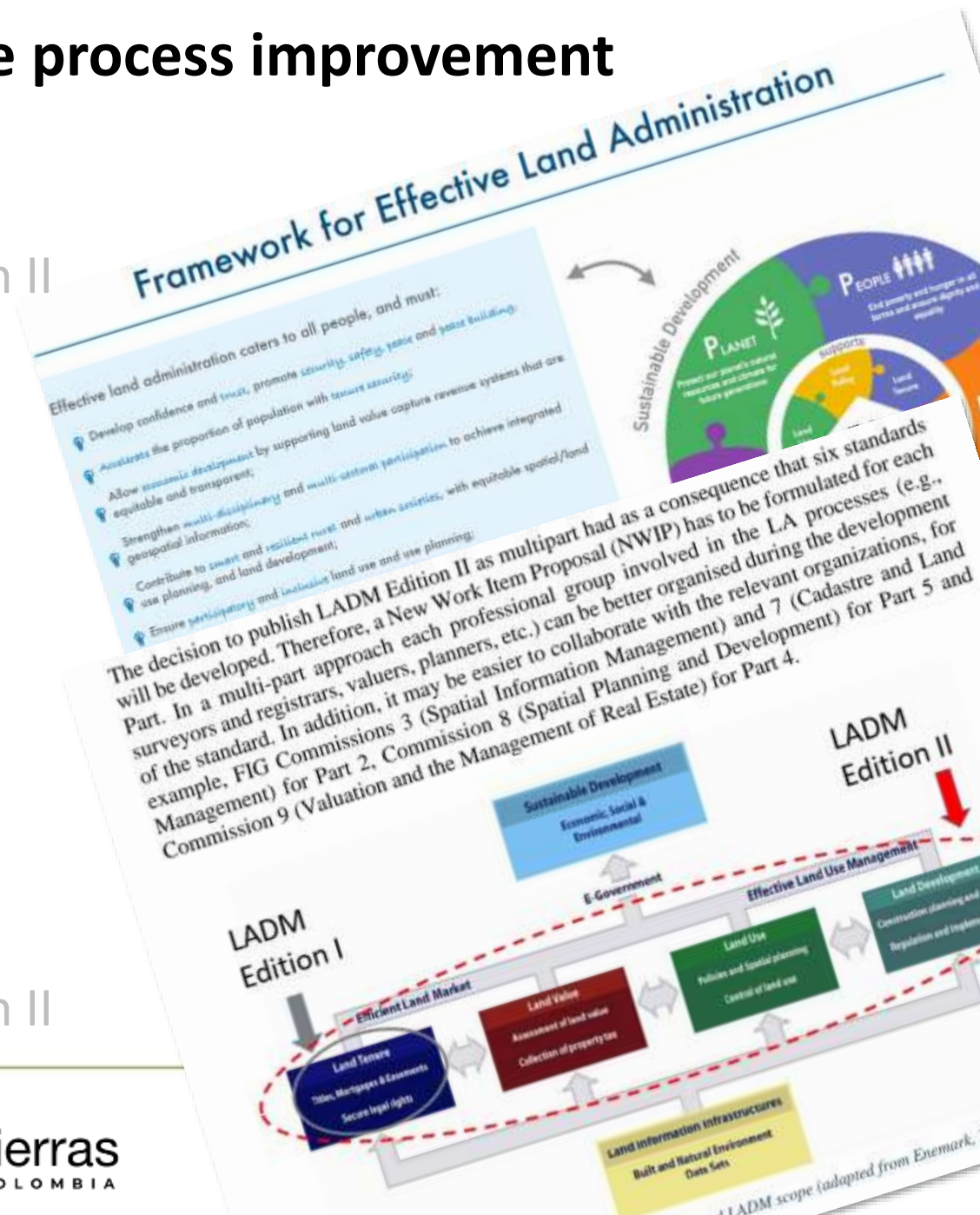
LADM
Edition II



LADM
Edition I

LADM
Edition II

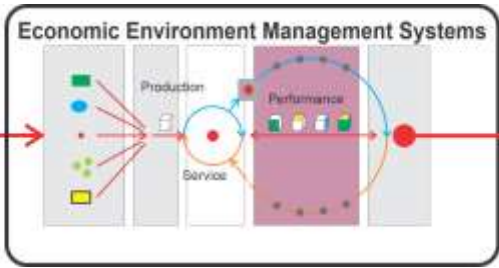
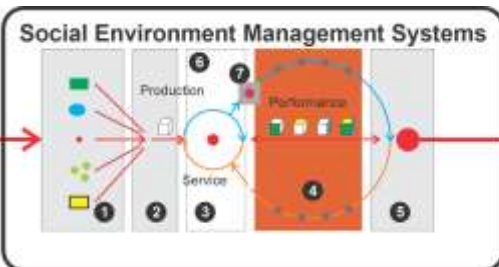
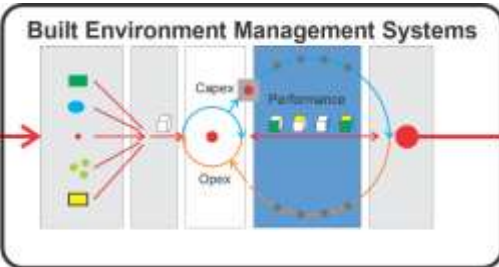
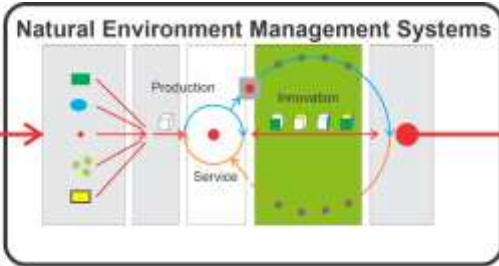
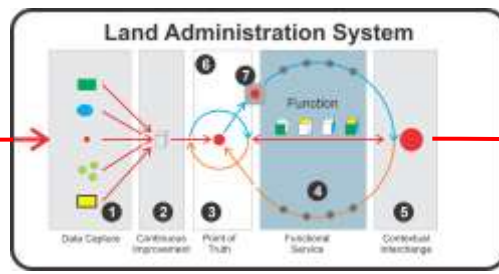
LADM
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The challenge for the LA System – is to behave like a system



Ecological Systems

- Biodiversity
- Hydrological cycles
- Biogeochemical cycles

Land Services

- Food
- Water
- Recreation
- Green / Brown spaces
- Energy

Assets

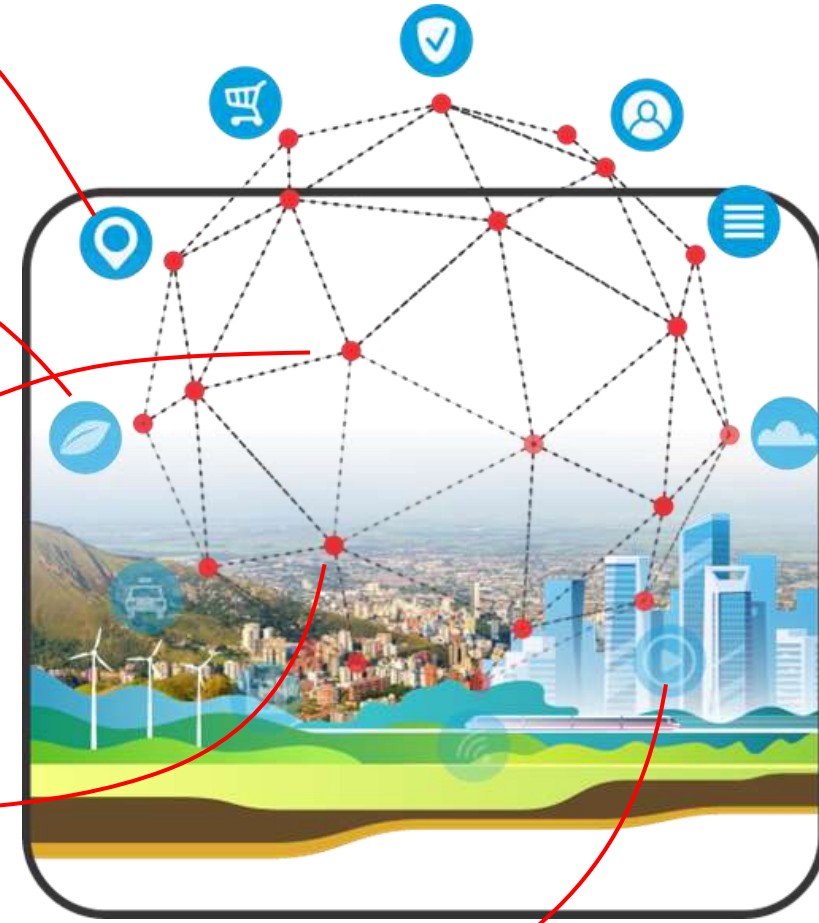
- Buildings
- Networks
- Cities

Assets

- Ethics
- Skills
- Governance
- Laws
- Contracts
- Regulations

Elements

- Variables
- Patterns



Conclusions

1. Colombia requires a **Governance Framework** for land administration that comprehends the economic, social, and environmental dynamics of a post-conflict society.
2. Models like the **Williamson LAS** hold significant importance as a starting point for countries seeking support in adopting a suitable model.
3. Adopting a **Systemic Vision** of land administration facilitates an organized implementation of changes, employing methodologies proven successful in industries within planning, technology, and public service.



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Thank you!

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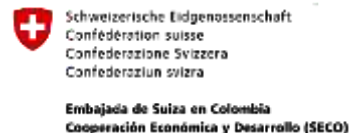
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