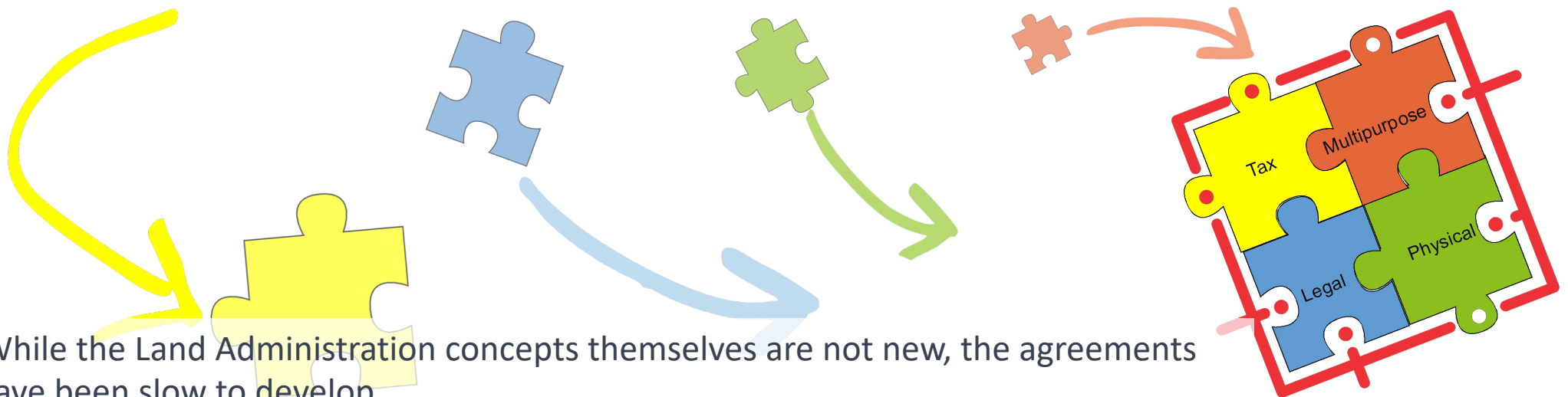
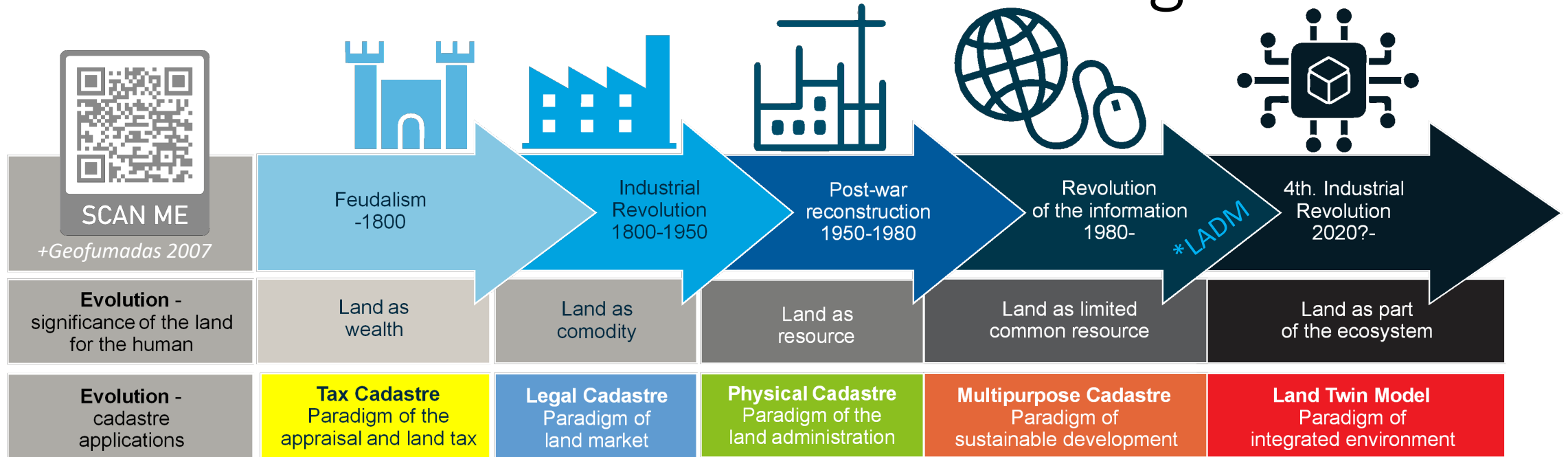


The Land Administration Systems (LAS)

Challenges facing Land Administration and the Digital Twin

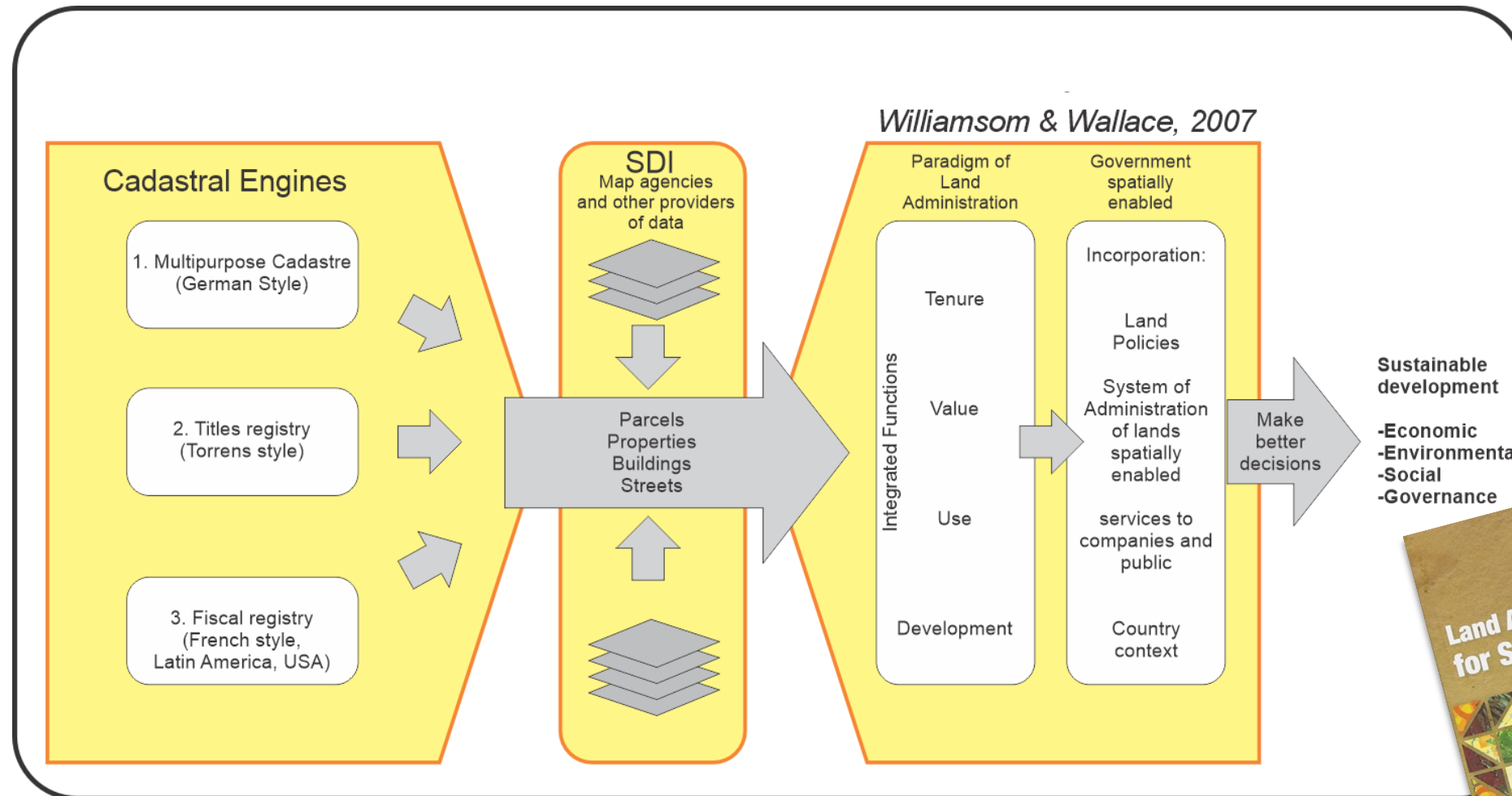
Golgi Alvarez
editor@geofumadas.com

Context: Land Administration Paradigms



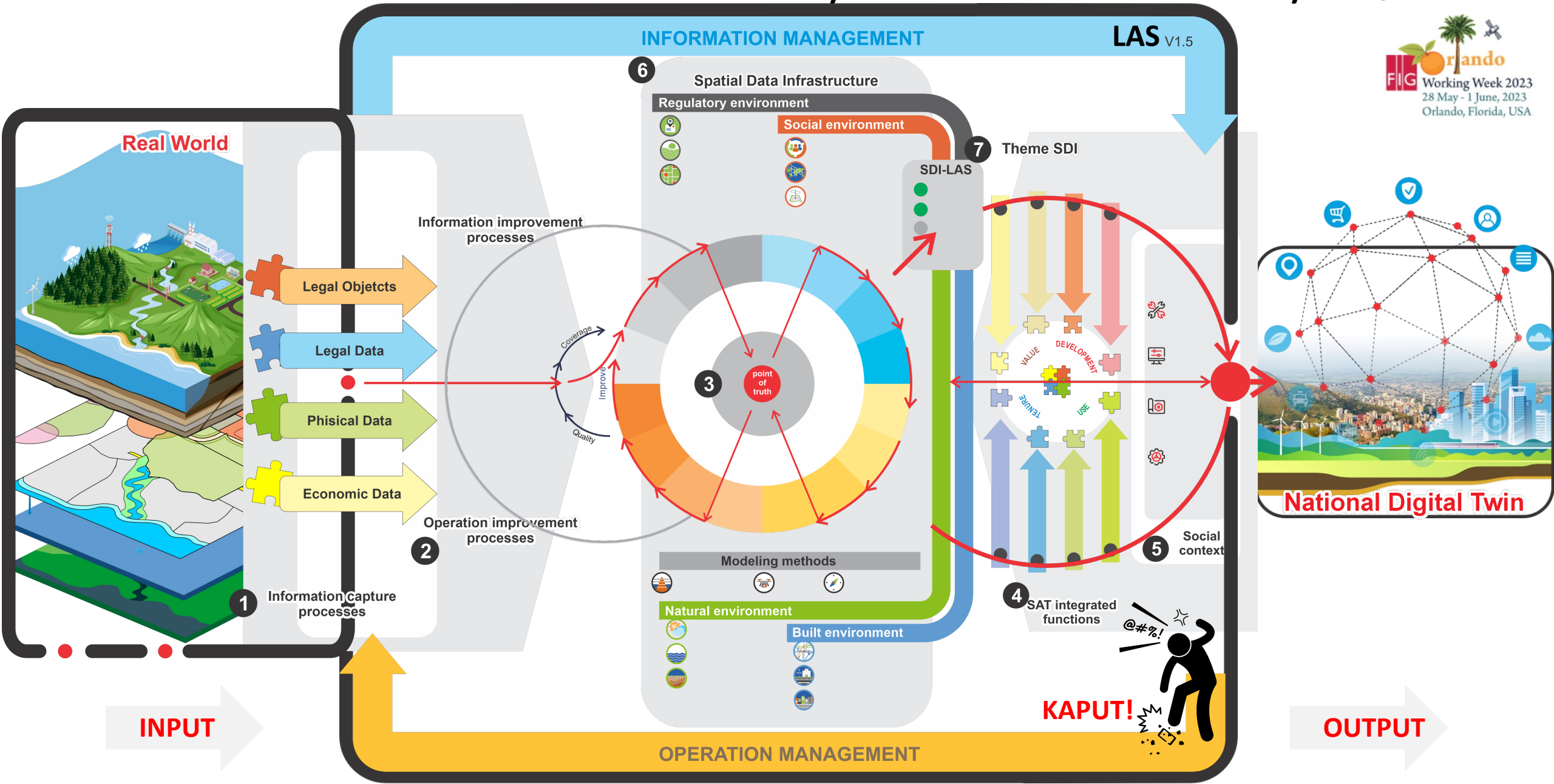
Conclusion 1. While the Land Administration concepts themselves are not new, the agreements for standards have been slow to develop.

Concept: Land Administration System (LAS)



Conclusion 2. It's important to note that the Land Administration System **is not** a software, but rather an optimizable systemic machinery.

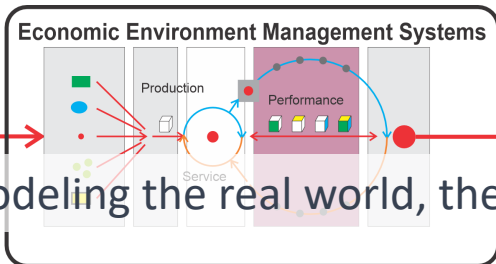
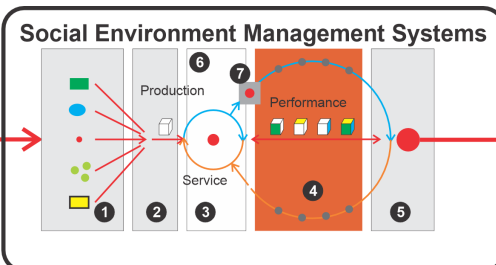
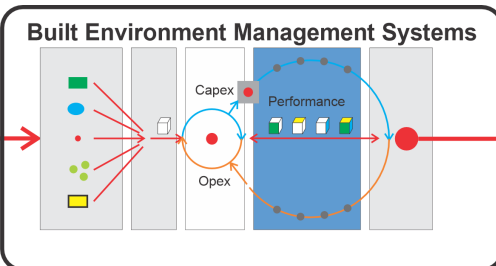
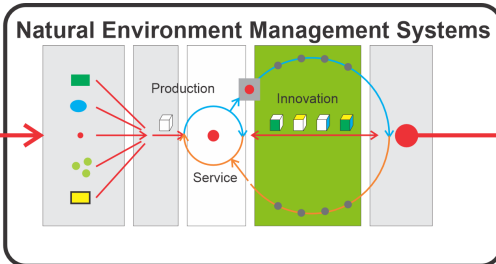
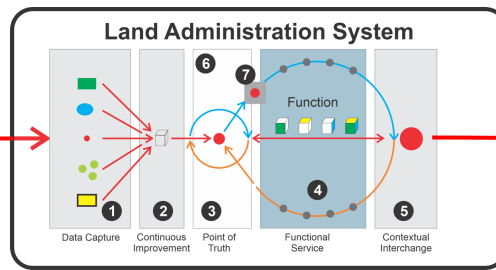
The Land Administration System Machinery





Conclusion 3. The greatest challenge facing Land Administration is the improvement of its processes.

Challenge: The Land Administration System (LAS) as Part of the National Digital Twin



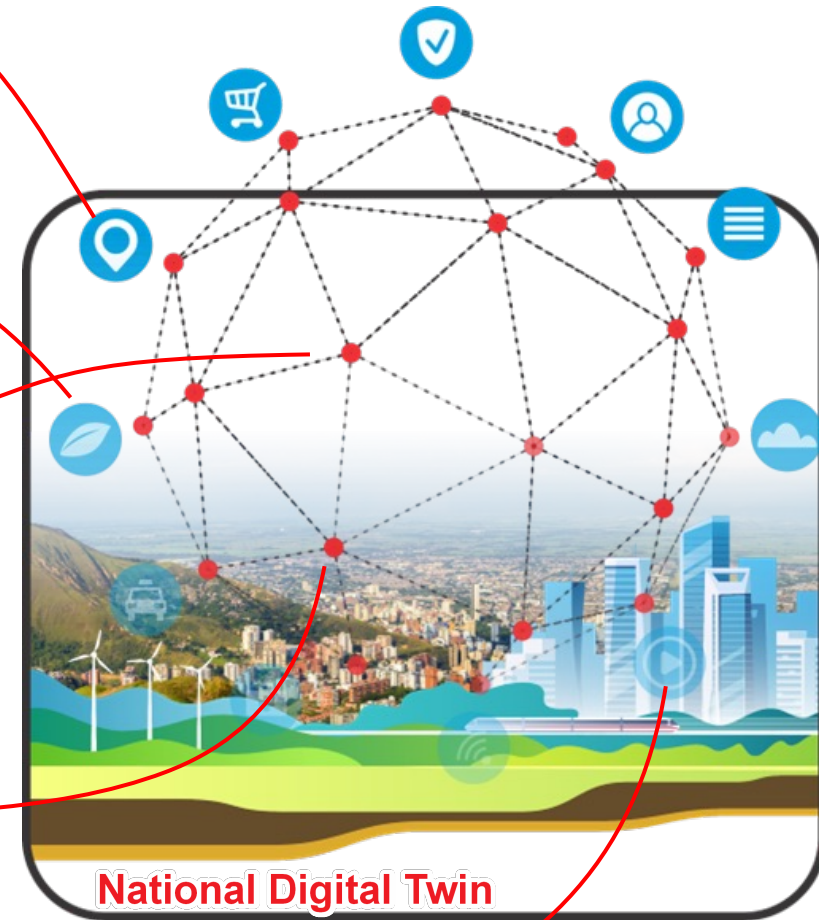
Ecological Systems
 Biodiversity
 Hydrological cycles
 Biogeochemical cycles

Land Services
 Food
 Water
 Recreation
 Green / Brown spaces
 Energy

Assets
 Buildings
 Networks
 Cities

Assets
 Ethics
 Skills
 Governance
 Laws
 Contracts
 Regulations

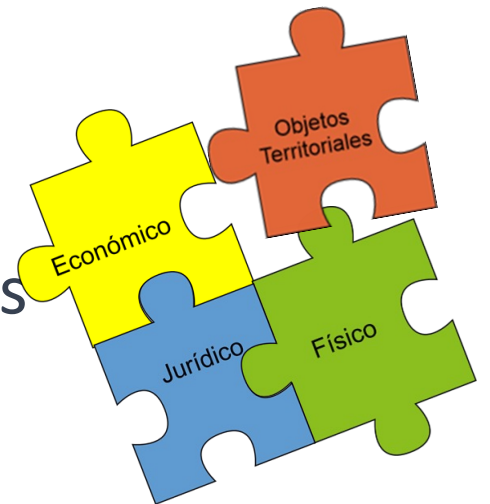
Elements
 Variables
 Patterns



Conclusion 4. When modeling the real world, the priority should always be the needs of real citizens.

Conclusions

1. While the Land Administration concepts themselves are not new, the agreements for standards have been slow to develop.
2. It's important to note that the Land Administration System is not a software, but rather an optimizable systemic machinery.
3. The greatest challenge facing Land Administration is the improvement of its processes.
4. When modeling the real world, the priority should always be the needs of real citizens.



Thank you!

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