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Protecting
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Assessment of Transparency and Open Data in Land Administration in Ecuador

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Organized By

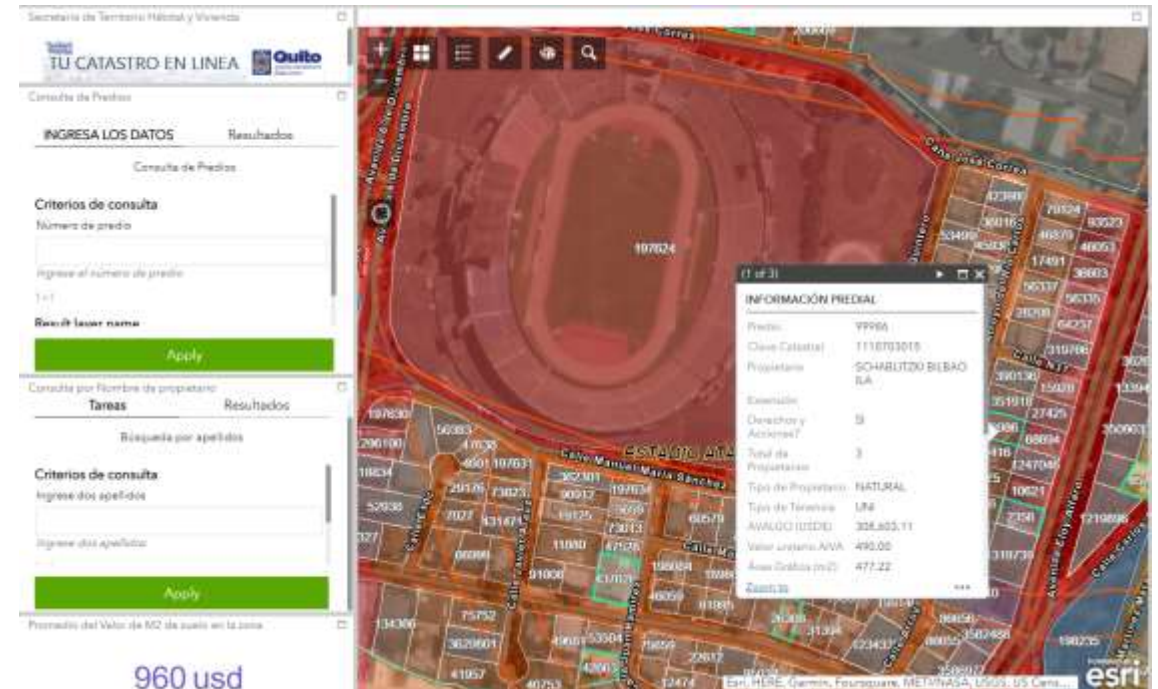


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INTRODUCTION

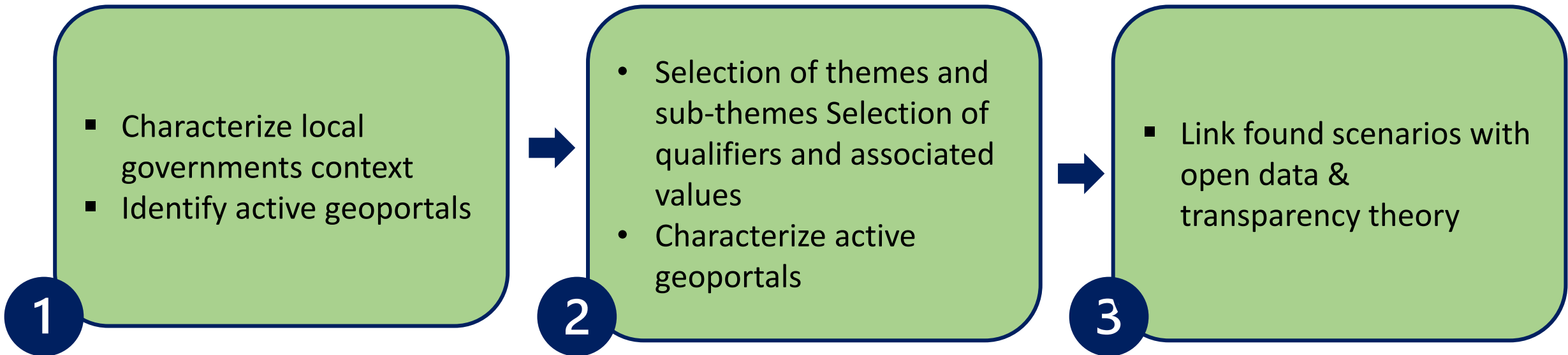
- **Smart governance** strengthens **transparency**.
- Transparency resembles availability of comprehensive, and reliable information.
- **Case study (Ecuador):** Autonomy & decentralization, 24 provinces, 221 municipalities.
- **Objective:** Assessment of transparency and land open data in geoportals of provincial capitals.



Source: geoquito

METHODOLOGY

- Adaptation of methodology designed by (Silva & Fernandes, 2020)



METHODOLOGY

- Themes, qualifiers & values used to characterize the geoportals.

Themes	Sub-themes
T1 - Cadastral information	T1.1 - Cadastral parcel
	T1.2 - Owner data
	T1.3 - Tenure data
	T1.4 - Land value
T2 - Thematic information	T2.1 - Land use
	T2.2 - City development guidelines
T3 - Collaborative interface	T3.1 - Download parcel cartography
	T3.2 - Insertion of issues
	T3.3 - Download cadastral record

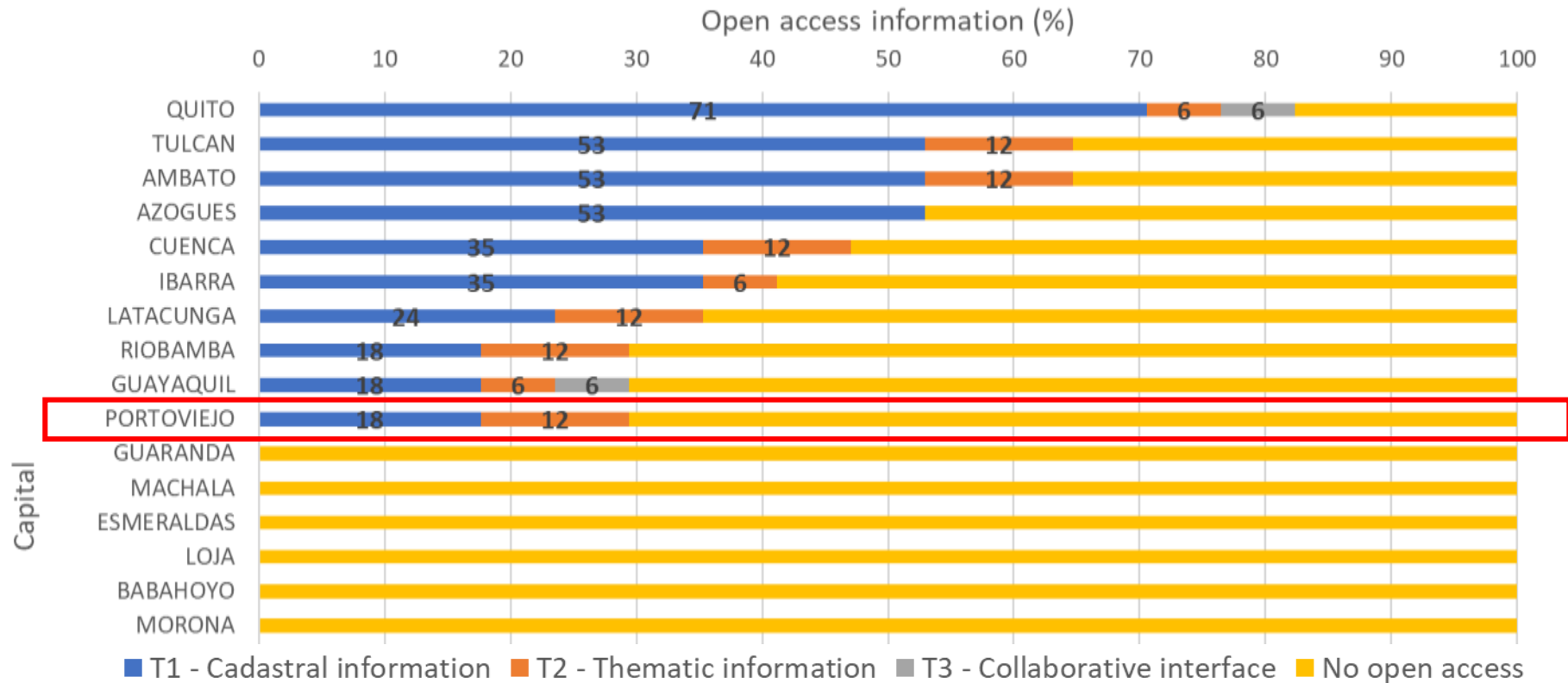
Themes	Possible responses	Value
T1 - Cadastral information	Not available	0
	Not available. Shows only the perimeter of the parcels	1
	Available. Restricted access (login or owner data access)	2
	Available. Open data	3
T2 - Thematic information	Not available or Restricted access	0
	Available. Open access	1
	Not available or Restricted access	0
	Available. Open access	1

RESULTS & DISCUSSION

- 10 out of 24 capitals have active geoportals.
- 8 of the geoportals are located in the Highlands region.
- “Cadastral parcel” is the basic information shared.
- Quito has as open access all cadastral data, including tenure data.
- General low results for “Collaborative interface”

Region	Code	City	T1.1	T1.2	T1.3	T1.4	T2.1	T2.2	T3.1	T3.2	T3.3	Results capitals (%)
Amazon	2101	Lago Agrio	0	0	0	0	0	0	0	0	0	0
	1401	Morona	0	0	0	0	0	0	0	0	0	0
	2201	Orellana	0	0	0	0	0	0	0	0	0	0
	1601	Pastaza	0	0	0	0	0	0	0	0	0	0
	1501	Tena	0	0	0	0	0	0	0	0	0	0
	1901	Zamora	0	0	0	0	0	0	0	0	0	0
Highlands	1801	Ambato	3	3	0	3	1	1	0	0	0	64.71
	301	Azogues	3	3	0	3	0	0	0	0	0	52.94
	101	Cuenca	3	3	0	0	1	1	0	0	0	47.06
	201	Guaranda	0	0	0	0	0	0	0	0	0	0
	1001	Ibarra	3	3	0	0	1	0	0	0	0	41.18
	501	Latacunga	2	2	0	0	1	1	0	0	0	35.29
	1101	Loja	0	0	0	0	0	0	0	0	0	
	1701	Quito	3	3	3	3	1	0	1	0	0	82.35
	601	Riobamba	3	0	0	0	1	1	0	0	0	29.41
	401	Tulcan	3	3	0	3	1	1	0	0	0	64.71
Coast	1201	Babahoyo	0	0	0	0	0	0	0	0	0	0
	801	Esmeraldas	0	0	0	0	0	0	0	0	0	0
	901	Guayaquil	3	0	0	0	1	0	1	0	0	29.41
	701	Machala	0	0	0	0	0	0	0	0	0	0
	1301	Portoviejo	3	0	0	0	1	1	0	0	0	29.41
	2401	Santa Elena	0	0	0	0	0	0	0	0	0	0
	2301	Santo Domingo	0	0	0	0	0	0	0	0	0	
Galapagos	2001	San Cristobal	0	0	0	0	0	0	0	0	0	0
Results themes (%)			40.28	27.78	4.17	16.67	37.50	25.00	8.33	0	0	

RESULTS & DISCUSSION



- Tendency for geoportals use in recent years
- Not just geoportals but SDIs for land use, planning, risk data, etc.



Geoportal includes risks data / Earthquake 2016

RESULTS & DISCUSSION



Geoportals facilitate access to land data contributing with data availability, timely and easy access to information; this is the core for transparency.



Land administration in Ecuador have given the space for a variety of land information infrastructures.



The use of geospatial technologies, especially Geoportals and SDIs, tends to increase, however, full implementation in Ecuador requires a real conviction from the land sector.



Further research in other online services will give a clearer picture. Nevertheless, this first overview shows that external factors work as igniters for LA systems to evolve.

Thank You for your Attention Q&A

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