Initiatives for Smart Cities

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Initiatives for Smart Cities
Ministry of Agrarian, Land and Urban Development
SEDATU

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Planning and Institutional Development Unit (UPDI)
1. Territorial and Urban Information System (SITU)
2. Platforms for Mobility and Road Safety
3. Challenges of “Smart Cities” for the public sector
The Territorial and Urban Information System (SITU) is a tool to collect, organize, integrate and update information (geographical, documentary, and indicators) in the agrarian, land, urban development, housing, and cadastre generated by the three levels of government and metropolitan governance instances.

It contains four axes: **thematic maps, normative maps, supporting documents and models.**

**Modules**

1. Geographical analysis
2. Documentary collection
3. Statistics and indicators
4. Tools for municipal planning
5. System administration
Generate “Models of territorial aptitude” from different variables in a «positive and negative» way, obtaining areas in the territory with better conditions for urban development or conservation of areas with environmental value.

Provide basic information to support the planning and urban development.
Territorial and Urban Information System (SITU)

Planning tools

The SITU will be the platform on which different Territorial Planning Instruments developed or financed by SEDATU will be published.

Mayan Train

Isthmus of Tehuantepec

Texcoco Lake
Territorial and Urban Information System (SITU)

Documents

Numeralia
- Statistics documents

Characterizations of territory and population

Inputs for updating laws

Catalogue of metropolitan areas

Metropolitan Area of the Valley of Mexico
Territorial and Urban Information System (SITU)

Normative maps

- Delimitations, decrees, and restrictions

Metadata Standards

- Geographic data, projections, and standardization

Web Services Regulations

- Cartographic and statistical

National Registry and Cadastral Information Platform (PNIRC)

Total of properties linked to the Public Property Registry (RPP)

Total properties in the PNIRC Platform
Territorial and Urban Information System (SITU)

Summary of the SITU

Inputs

Documents
- Plans and programs
- Information base on research
- Normativity
- Atlas

Cartography
- Territorial Planning
- Urban Development
- Actions and investments
- Risks

Indicators and Statistics
- National Development Plan (NDP)
- SDGs
- National System of Statistical and Geographical Information
- Sectorial

Outputs

Process

Planning as a long-term legacy to combat inequalities
The creation of National and State Platforms for Mobility and Road Safety is contemplated, to integrate, organize, standardize, update and publish information, based on the Draft Decree-Law on Mobility and Road Safety.

1. Registry of mobility information
2. Registry of information and road safety monitoring

The state platform will be integrated with information from local registries and will be part of the National Platform for Mobility and Road Safety.

The authorities must facilitate the interchange and interoperability of information produced by the three levels of government.

Data on mobility and road safety as a policy to reduce road incidents and promote sustainability in Mexican cities
Challenges of Smart cities for the public sector

The public sector must **participate in the process and data collection** to avoid the exclusive use by the private sector (generation and explode of data).

Create strategies to involve the population with **limited access to technology**, considering the mandate of the NDP (National Development Plan) and the Agenda 2030 to **leave no one behind**.

Consider the use of **local budgets** to invest in technological solutions in contexts where other investment needs focus on **basic services**, in urban environments with high levels of lag.