Open Data in Mexico

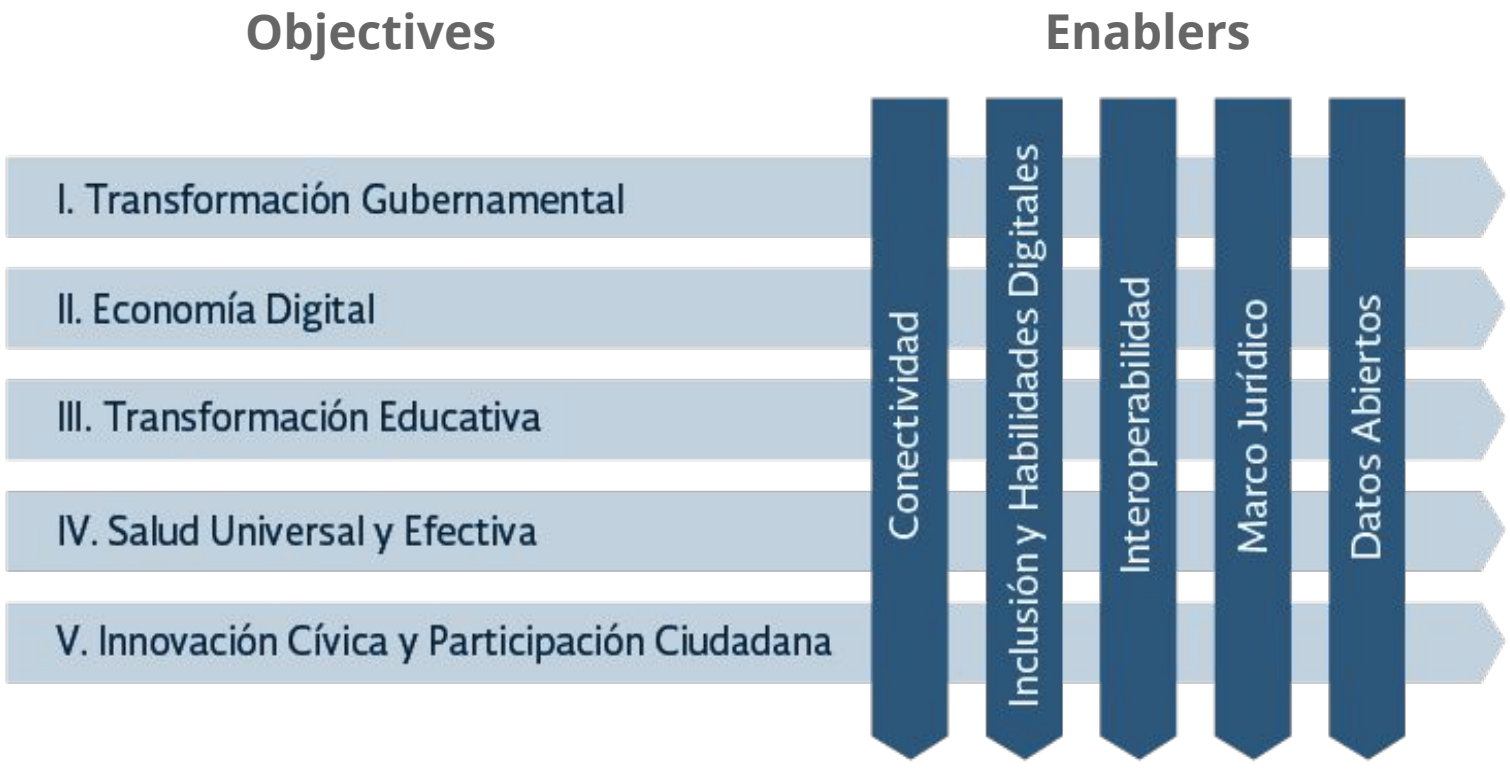
July 2018

MÉXICO
PRESIDENCIA DE LA REPÚBLICA

datos.gob.mx

National Digital Strategy

MÉXICO DIGITAL



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Federal Open Data Policy

“Digital data of public domain that are accessible online, and can be used, reused and redistributed, by any interested party.”

- Near and Modern Government Program
- Open Data Executive Decree
- **Implementation Guide**
- Open Data Technical Guide for statistical and geographic information (INEGI)

Implementation Guide of the Open Data Policy as a tool for government agencies to open their data

Implementation Guide

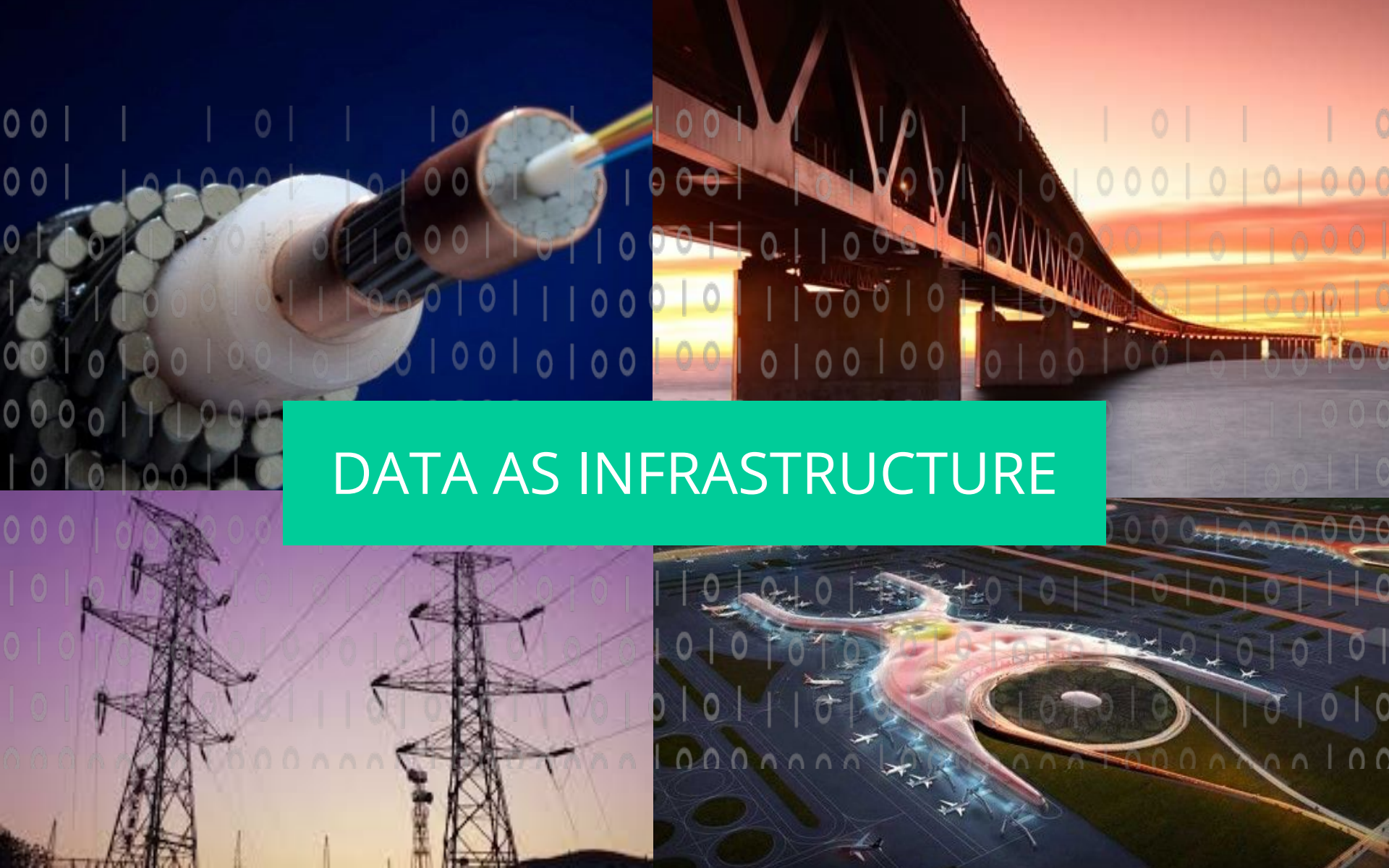
- June 2015 - Federal government published the steps and actions for the publication of Open Data in datos.gob.mx
- 2017 - The Implementation Guide was **renewed** with the collaboration of the citizens, users and Open Data experts in society and government
  - The renewed version maintains the 4 stages of implementations embodied in 2015:

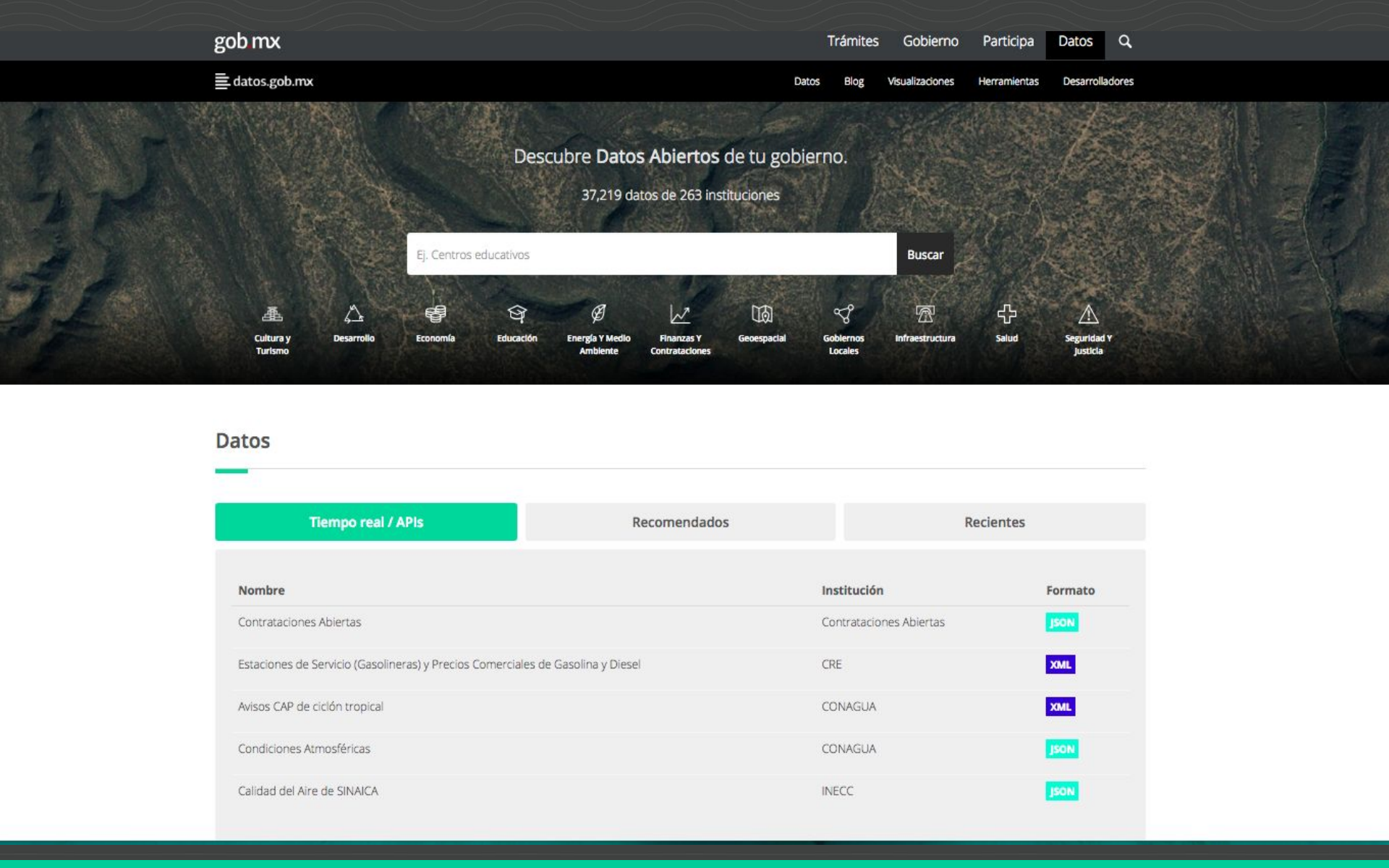
1. Planning
2. Publishing
3. **Perfectionating**
4. **Promoting**

V1. 2015

V2. 2017

The objective of this renewed Guide is to strengthen the usefulness and impact of Open Data in all sectors of society


DATA AS INFRASTRUCTURE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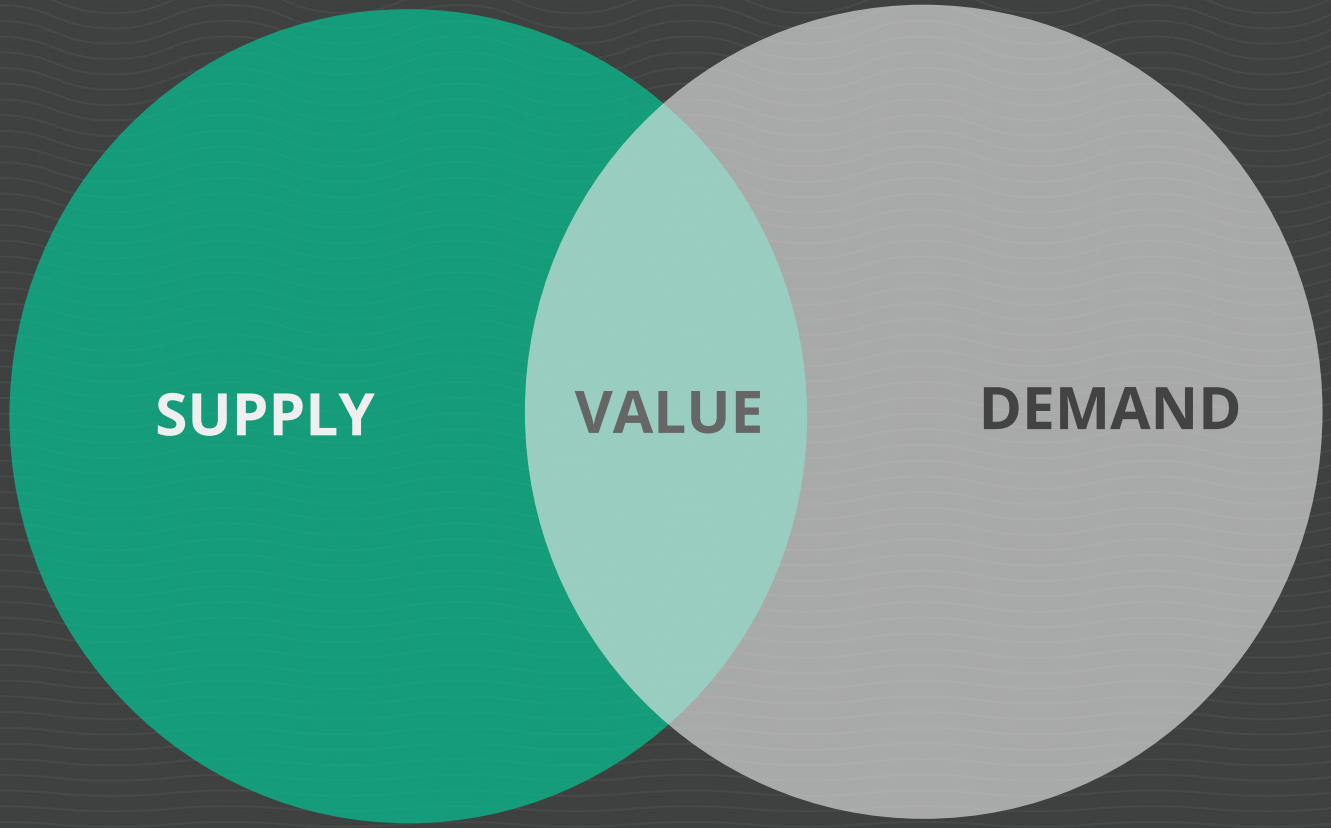
37,219 datos de 263 instituciones
Ej. Centros educativos
Buscar
Cultura y Turismo
Desarrollo
Economía
Educación
Energía Y Medio Ambiente
Finanzas Y Contrataciones
Geoespacial
Gobiernos Locales
Infraestructura
Salud
Seguridad Y Justicia
Datos
Tiempo real / APIs
Recomendados
Recientes
Nombre
Institución
Formato
Contrataciones Abiertas
Contrataciones Abiertas
JSON
Estaciones de Servicio (Gasolineras) y Precios Comerciales de Gasolina y Diesel
CRE
XML
Avisos CAP de ciclón tropical
CONAGUA
XML
Condiciones Atmosféricas
CONAGUA
JSON
Calidad del Aire de SINAICA
INECC
JSON


SUPPLY
VALUE
DEMAND

Improvements in Open Data Policy

241
Government agencies publishing data

+28,000
Open Data resources

+400,000
downloads

+8.8 millions
Unique visitors

48
Open Data tools and visualizations

148
Impact stories

Top 5 - Government agencies with more open data published

4,672	4,067	3,537	3,070	1,141
CONABIO	GACM	Presidencia	INEGI	INECC

Improvements in Open Data Policy

9,296

Data sets published by government institutions

Top 5 - Government agencies with more looked open data

CONALEP | 7,892

GACM | 1,692

INDAABIN | 1,532

RAN | 1,307

CONAGUA | 983

Most downloaded data

"**Requisitos para causar alta en el Ejército y Fuerza Aérea Mexicanos**" | SEDENA | 5,222

"**Catálogo de Centros de Trabajo**" | SEP | 3,309

"**LOCALIZACIÓN DE CENTROS DE ATENCIÓN Y CFEMÁTICOS**" | CFE | 3,013

"**Catálogo de Núcleos Agrarios**" | RAN | 2,917

"**Directorio Registro Federal de las Organizaciones de la Sociedad Civil**" | SEDESOL | 2,696

Strategy | organized, sectorized, scalable and replicable initiatives

Four steps to value creation

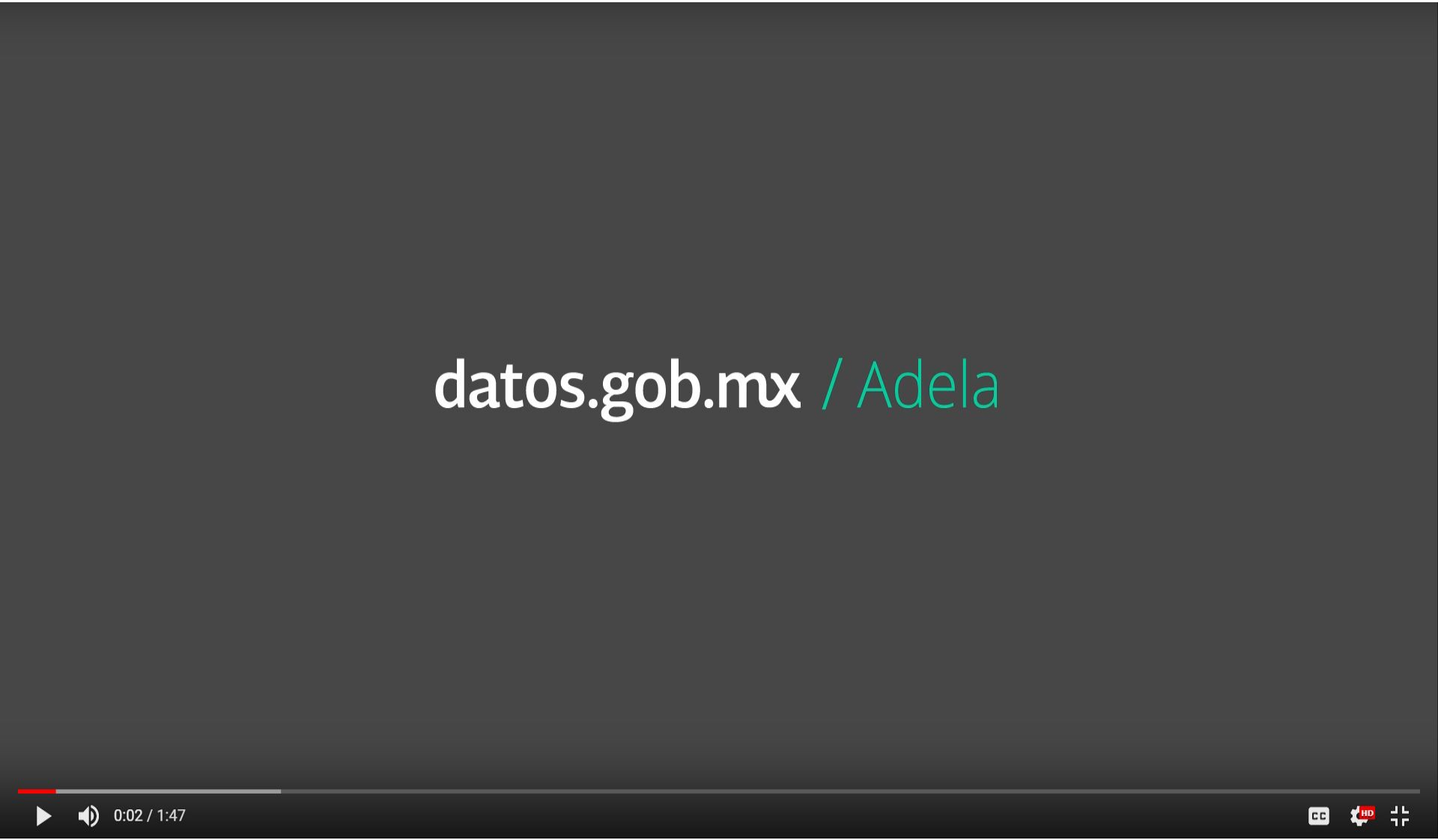
Open Data for National Objectives

Strategic Partnerships

Pilot test assumptions

Institutionalization

New tools for the implementation of Open Data Policy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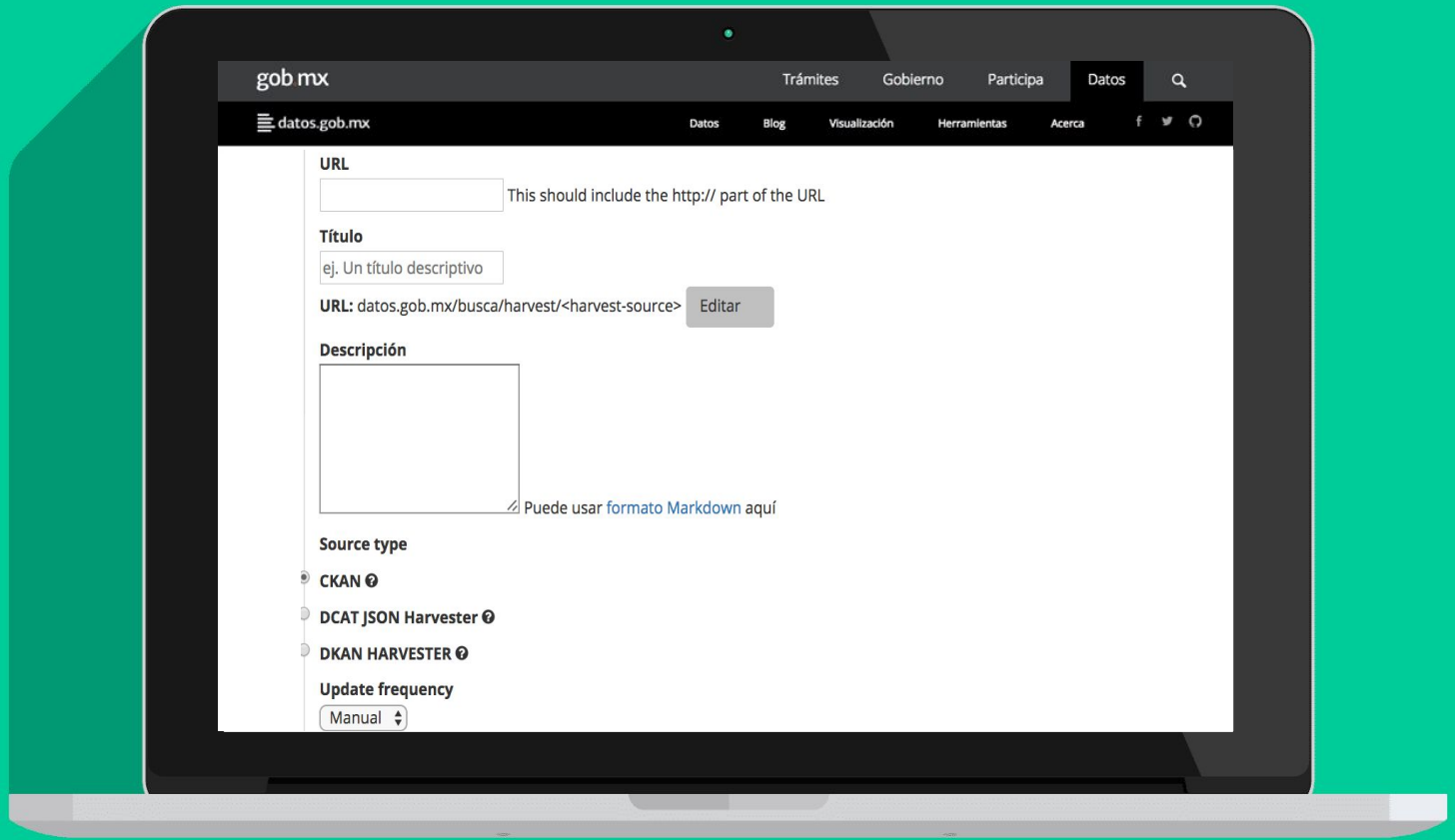
Harvester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URL
This should include the http:// part of the URL
Título
ej. Un título descriptivo
URL: datos.gob.mx/busca/harvest/<harvest-source>
Editar
Descripción
Puede usar formato Markdown aquí
Source type
CKAN
DCAT JSON Harvester
DKAN HARVESTER
Update frequency
Manual

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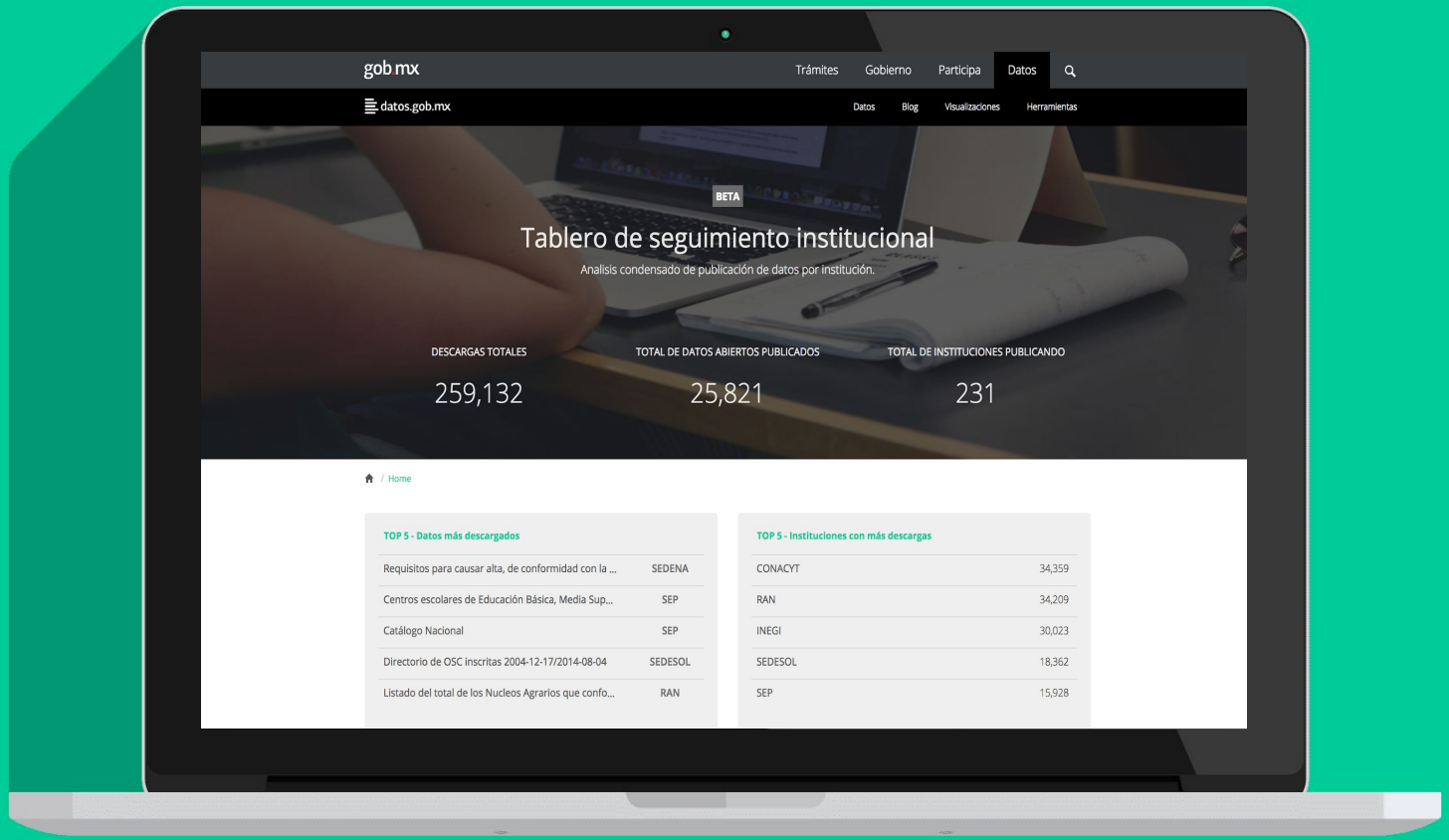
Tracking board

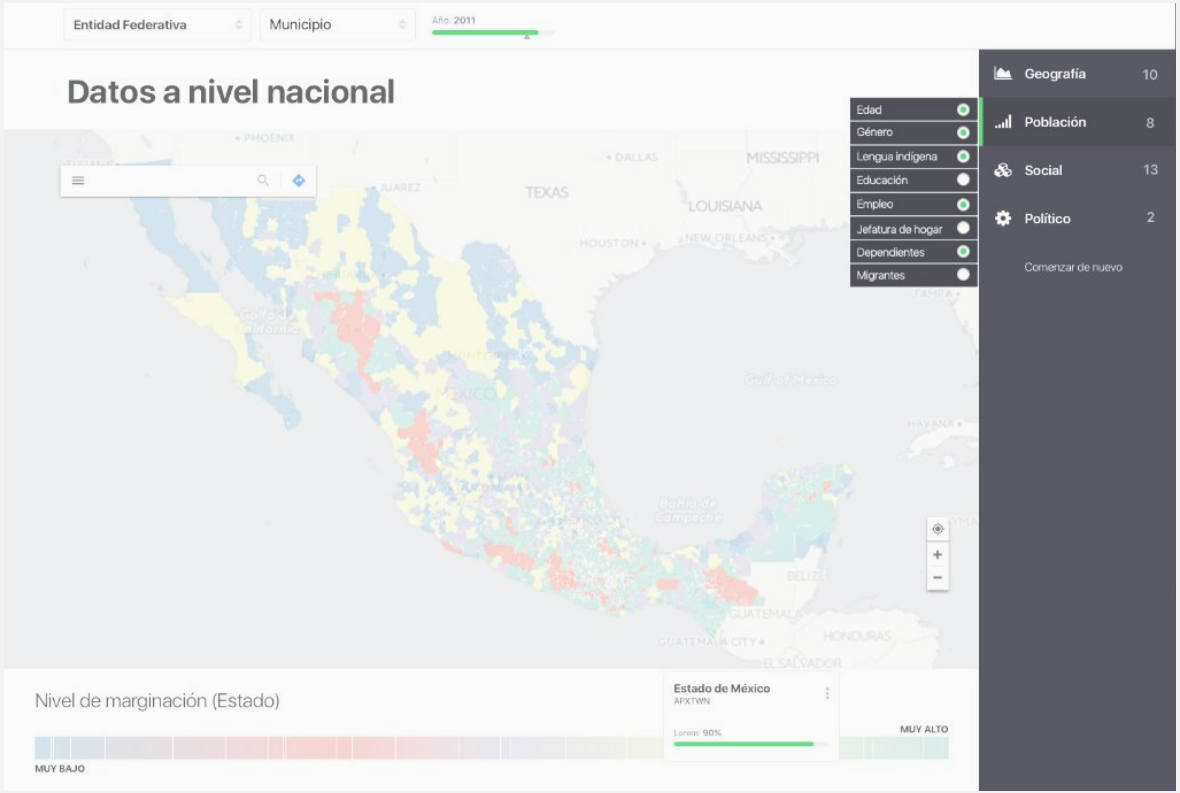


Use for Value Creation

- Evidence based development and evaluation of public policies
- Data-based projects in the health, anti-corruption and security sectors
- Collaborations with top academic institutions, fellows and government officials

Success Case 1 | Data Driven Public Sector

datalab : goblab



Open Contracting

- Implementation of the the Open Contracting Data Standard in strategic projects such as the New International Airport of Mexico and the Telecommunications Shared Network.
- Development of automatization tools and visualizations.

Success Case 2 | Open Contracting

Open Contracting : Contrataciones Abiertas GOBIERNO DE LA REPÚBLICA

RETOS PÚBLICOS

- Detonate public innovation, strengthen entrepreneurial capacities to promote innovation as a driving force of development, while democratize the public spending.
- 15 challenges, 1,700 participants, 4 million pesos (estimated)
- Applications that aim to:
  - Empower citizens by helping them take more informed decisions
  - Improve public service delivery

RETOS PÚBLICOS : RMX reto méxico

RMX reto méxico

Es una iniciativa, que a través de una **convocatoria abierta del ecosistema de innovación**, vincula las necesidades de **empresas o instituciones** con las **soluciones innovadoras** de estudiantes, investigadores, emprendedores o empresarios que **sean viables, rentables y desarrolladas con el uso de la tecnología**; y que dichas soluciones se traduzcan en una **oportunidad de negocio** para los participantes.

prospera digital

- First program in the world to use a digital platform to disseminate citizen material for prevention and health promotion
- Digital platform that contains modules of
  - Maternal and child health
  - Chronic diseases
  - Hypertension
- The government now can understand the patient's needs and support them 24/7

MX prospera digital : misalud

Case 6 - On going | Implementation of the Open Up Guide for Anti corruption

open data charter

- Implemented by international experts in transparency, anticorruption, open contracting and open data
- Mapping, standardization and publication of open data to prevent, detect, investigate and sanction corruption acts
- Exploration and capacity building
- Case studies and recommendations to leverage open data at the federal level and the National Anti-corruption System

Case 6 - On going | Implementation of the Open Up Guide for Anti corruption

Phase 1
August, 2017

- **Mapping exercise to fill out inventory of anticorruption data**
  - Working groups with more than 40 public servants that produce and consume potential useful data to fight corruption
- Identification of more than 65 useful data sets in Mexico to fight corruption
- Creation of a method to rank level of openness for datasets

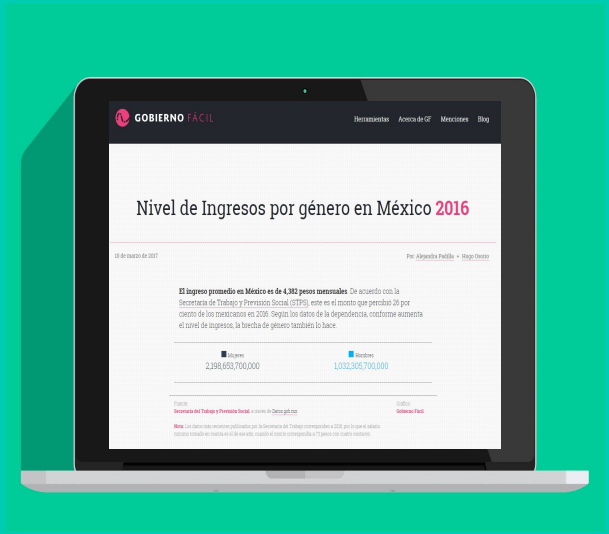
Phase 2
November, 2017

- **Generate and test** the technical and analytical capacities for data processing and generations of actions by public servants, civil society, journalists and private sector
- Identification of cases and trends of uses to fight corruption in Mexico

Phase 3
Mar - Jun 2018

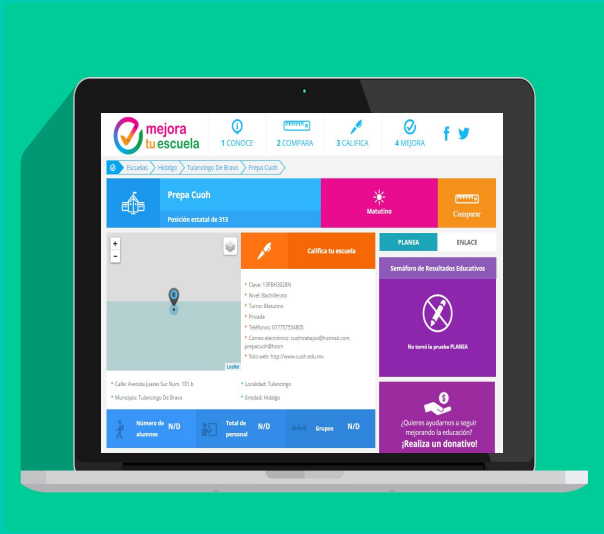
- **Case studies and recommendations** to leverage open data at the federal level and the National Anti-corruption System

CITIZENS USING OPEN DATA



Civic innovation

Data journalism



Education

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Global Leader in Open Data

1st regional place
Open Data Barometer- Web Foundation.

1st regional place
Open Data Inventory - Open Data Watch.

5º global ranking and 2º in reuse and impact
OURData Index - OECD

2d regional place
Open Data Index - Open Knowledge International.

2018 initiatives

LABORA FinTech Track

Test the Open Banking Data Standard to inform the regulatory process of the “Fintech Law”.

resiliencia

Group of Open Data and Humanitarian Technology within the national council of civil protection
Government + Civil society + Industry

inteligenciaartificial

Mexico within the first 10 countries with an National Artificial Intelligence Strategy.

LIBRE USO MX

Move to an open by default schema

Challenges

- Create ownership in third actors
- Secure resources for escalation
- Measure the use and value of Open Data
- Embed use of Open Data in sectoral rankings

Thank you.