INEGI

Enabling the georeferencing of statistical information

TLALLI

Georeferenced data

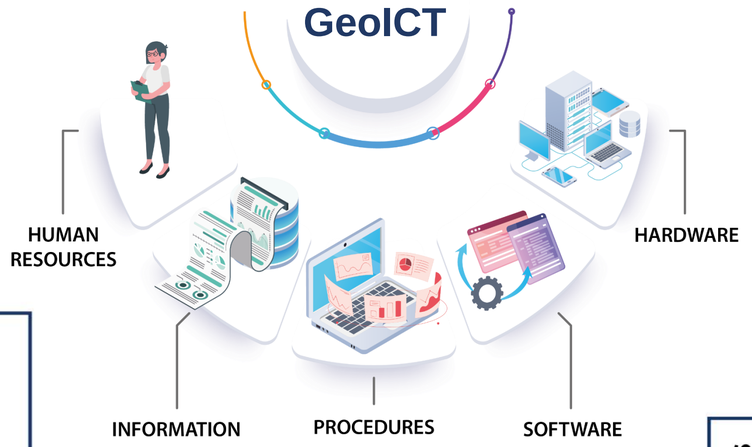
Why?

- Provide georeferenced data.
- Associated with regular or irregular framework.
- To support better public policy design and verification.
- To support location base services.

Platform objetive

Considering that geospatial information is critical, this platform provide geoinformatics tools to facilitate the execution of field operations to collect statistical and geographic information and allow, in field, georeferencing the information.

GeoInformatics tools.



Module 1: Operational Planning module

Web Application

Module 2: Field Cartographical module

Mobile Application

Module 3: Operational Monitoring module

Web Application

Geoespatial Database

- Cartography
- Planning
- Integration and Updates cartography

Validation and integration process

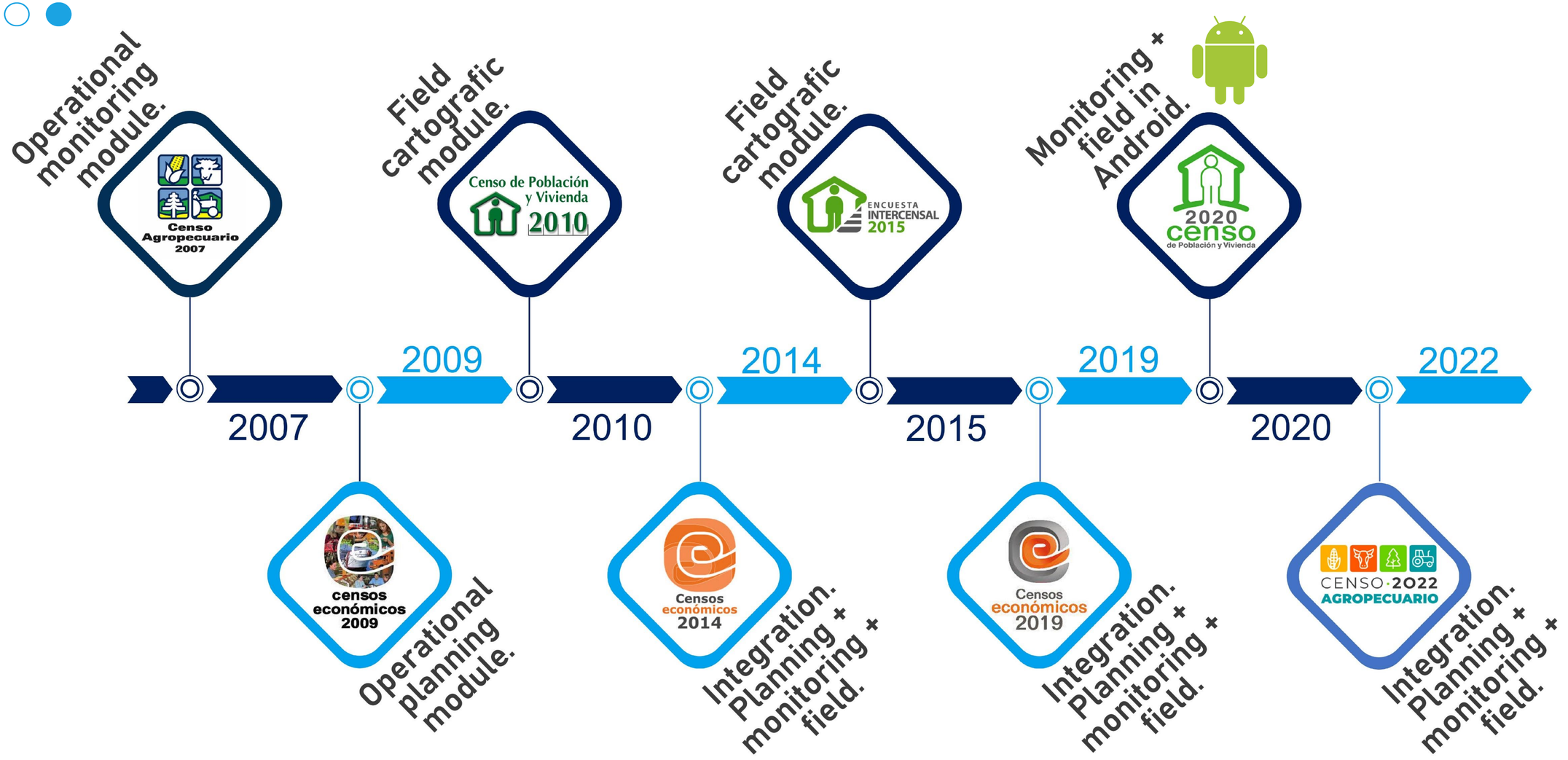
Cartography at the end of the event

Publication

Web and desktop apps to take advantage of the new information

Timeline, evolution of the

GEOMATIC SOLUTION.

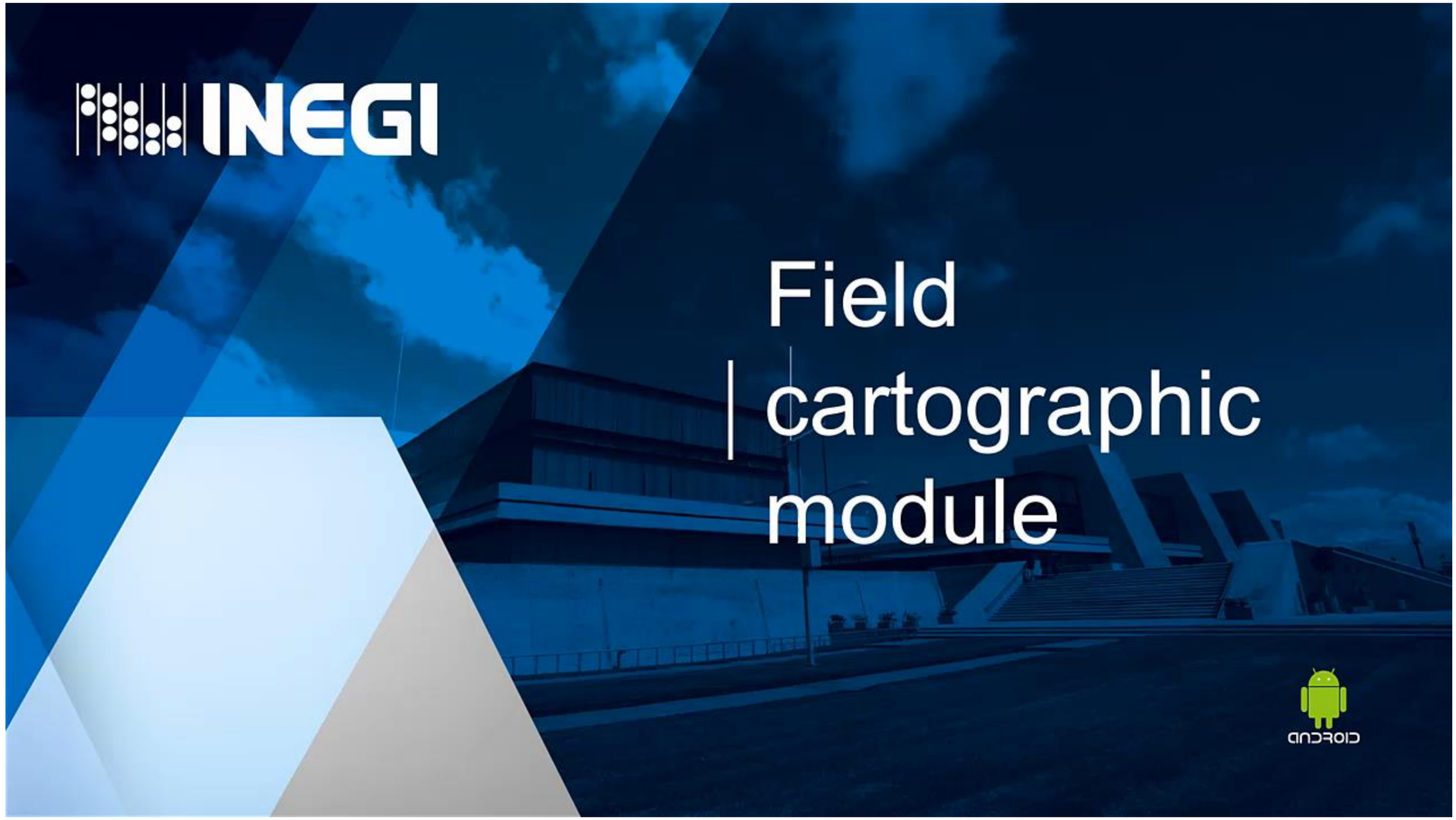


OPERATIONAL
PLANNING MODULE

Web application that allows detailed event planning (Census, surveys and geographic events) by assigning control sections, workload and time distribution.

FIELD CARTOGRAPHIC MODULE

Mobile application to georeference economic units, dwellings, service and others, as well as identifying and applying cartography updates detected during the event.



OPERATIONAL MONITORING MODULE

Web application for monitoring the advance and geographical coverage of the event, provide maps and various tools for analysis.

GEOREFERENCING
ECONOMIC UNITS

A web application that provides tools to georreference administrative records. It provides a homogeneous and systematic address definition.

Mapa Digital
de México

Results publication

The Digital Map of México, as a digital window to know statistical and geographic information generated in Mexico is the mechanism for publishing geographic and statistical information generated by INEGI and other state units of México.

INEGI

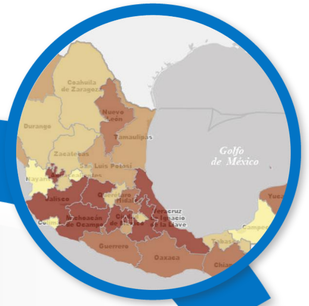
Information available for

PUBLIC USE

National Road Network

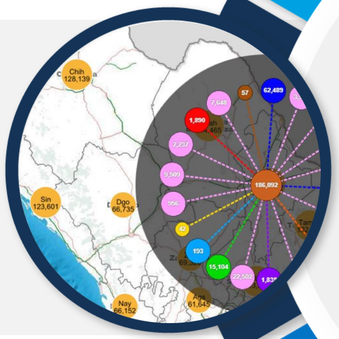
Gas stations, Toll booths, Reference poles

Economic Census



DENUE

5,528,698 economic units nationwide, updated to May 2022

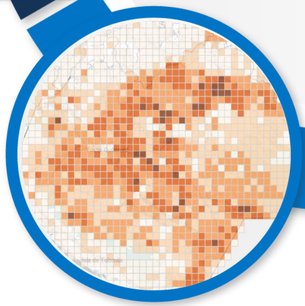


Mapa Digital de México
EN LÍNEA

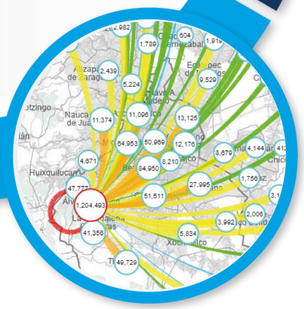
Ortophotos

Scale 1:20 000 (12,915)
Scale 1:10 000 (13,334)

AGRICULTURAL CENSUS



Origin-Destination Survey in Households of the Metropolitan Zone of the Valley of Mexico

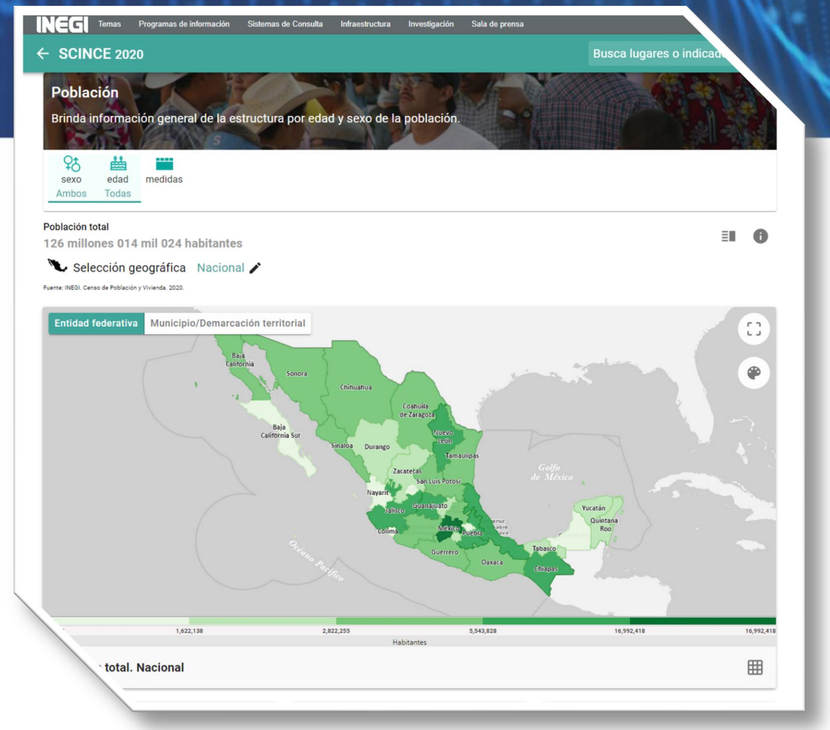


More than 270 statistical and geographical data layer

INEGI

MxSIG

MxSIG is a software solution that allows the integration of Geomatics Solutions for the web. The software that makes it possible is a mixture of the best open source, free software and software developed at INEGI, which, under the MxSIG concept, is also released under a free or open-source software license .



SOME
SUCCESSFUL USE CASE

SCINCE
Sistema para la Consulta de Información Censal 2020
Versión

GOBIERNO DE LA CIUDAD DE MÉXICO
OVIE CDMX

NEW
Visualizador analítico para el COVID-19

Mapa Digital de México
EN LÍNEA

UN-GGIM:Américas
Statistical and Geospatial Framework for the Americas (MEGA)

INEGI

Thank you for your attention

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