

Julio A. Santaella President of INEGI

UN-GGIM Forum on the 2030 Agenda for Sustainable Development "Where is the Data?"

August 1, 2017



INSTITUTO NACIONAL
DE ESTADÍSTICA Y GEOGRAFÍA





The 2030 Agenda for Sustainable Development



- Addresses issues that have not been subject to "official" measurement
- Presents new challenges:
 - Produce data for new fields
 - ii. Use of **geospatial** information
 - iii. Development of technological and human capacities



The 2030 Agenda for Sustainable Development

SUSTAINABLE G ALS







INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES











- The measuring and monitoring of the 17 SGDs requires data to be:
 - > Timely
 - Disaggregated
 - Georeferenced











The institutional arrangement in Mexico requires geospatial and statistical information to be integrated



SDGs AND THE INTEGRATION OF INFORMATION

- The integration of statistical and geospatial information allows measuring and monitoring SDGs progress over time
- The Geographic Information Systems (GIS) enables such integration in a natural way

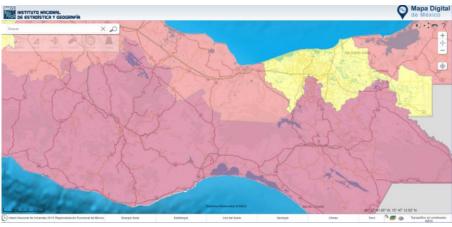




MEASURING AND MONITORING SDGs PROGRESS

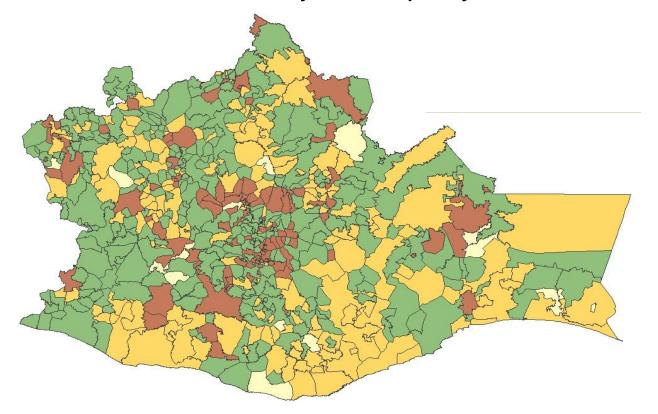
- INEGI has developed an **open source** GIS- *MxSIG*:
 - Produces geospatial indicators
 - Promotes the use of integrated geospatial and statistical information
- The Digital Map of Mexico, developed with MxSIG, offers more than 200 vector data layers, more than 71 million geographic objects and 4 raster layers





Indicator 1.2.1 Proportion of population living below the national poverty line

- Poverty distribution in the State of Oaxaca
 - 67.4% of the population of Oaxaca was considered to be living in poverty, but... how is it distributed by municipality?



% of the population considered poor	Municipalities
0 – 25	15
25 – 50	163
50 – 75	296
75 - 100	96

Source: CONEVAL estimates based on MSC-ENIGH 2014, and the sample of the Population Census 2010

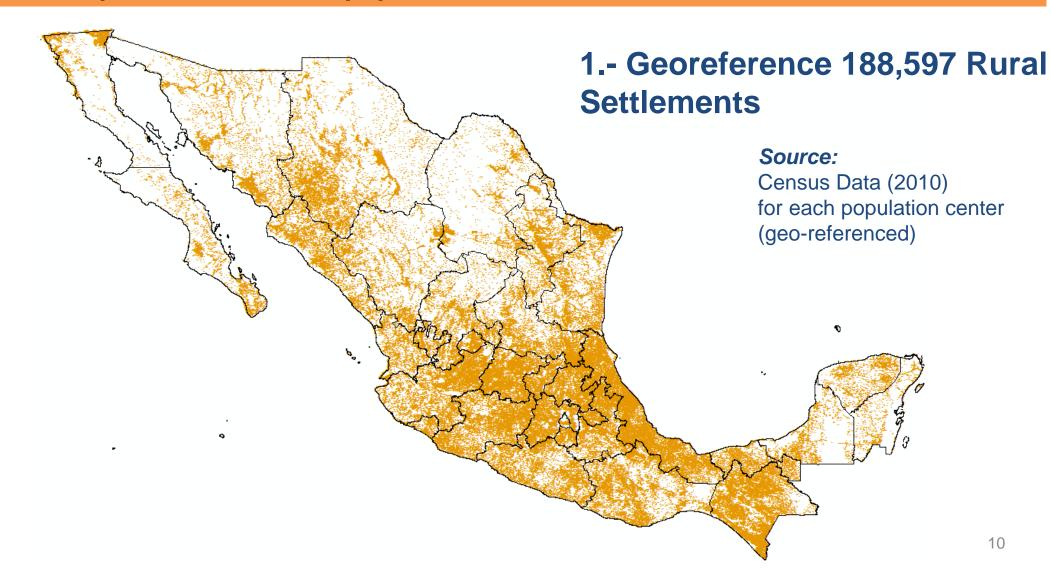
Indicator 9.1.1: Proportion of the rural population who live within 2 km of an all-season road

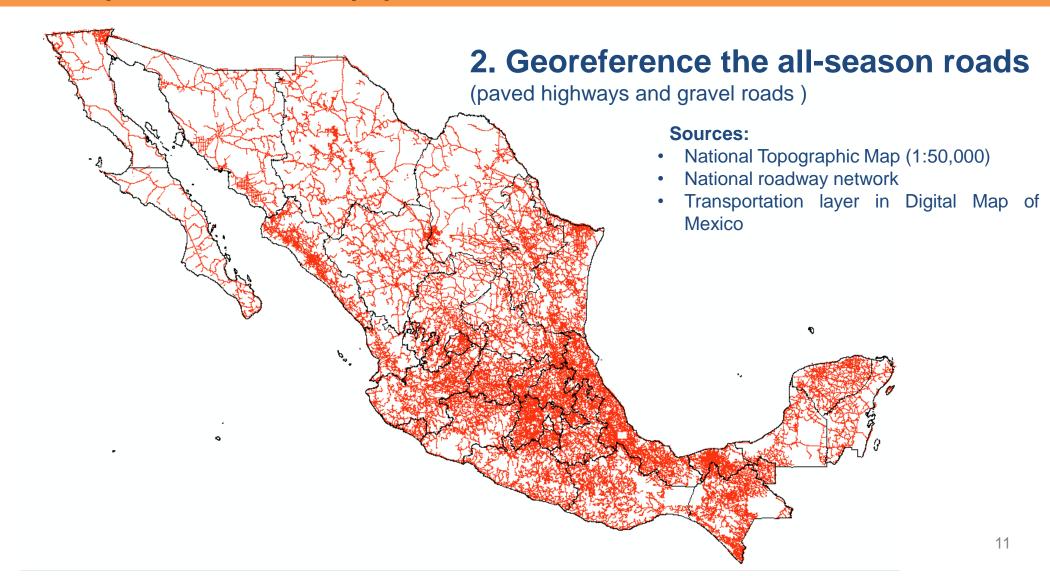
- SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
 - Indicator 9.1.1 Proportion of the rural population who live within 2km of an all-season road

What statistical and geospatial information is needed to measure this indicator?

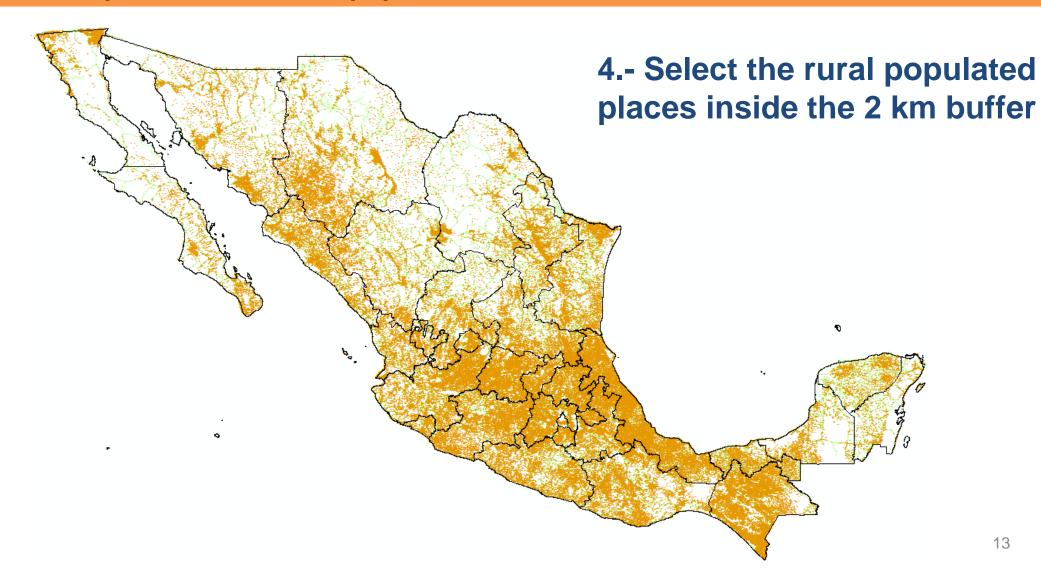


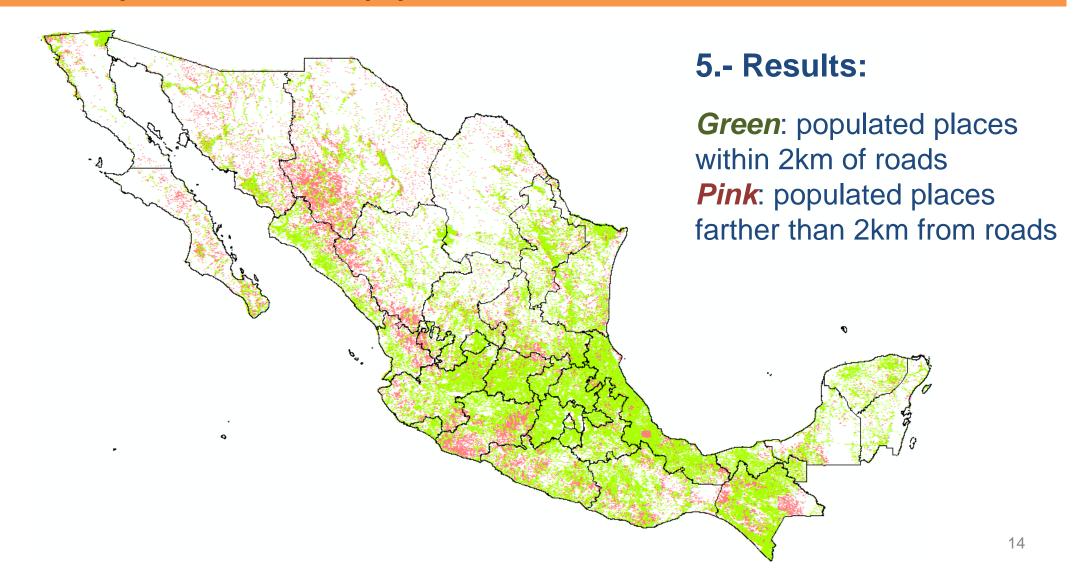








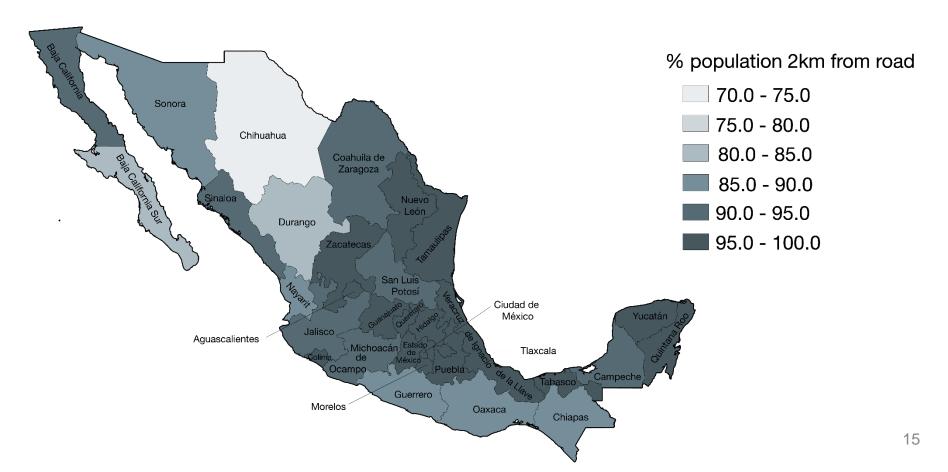




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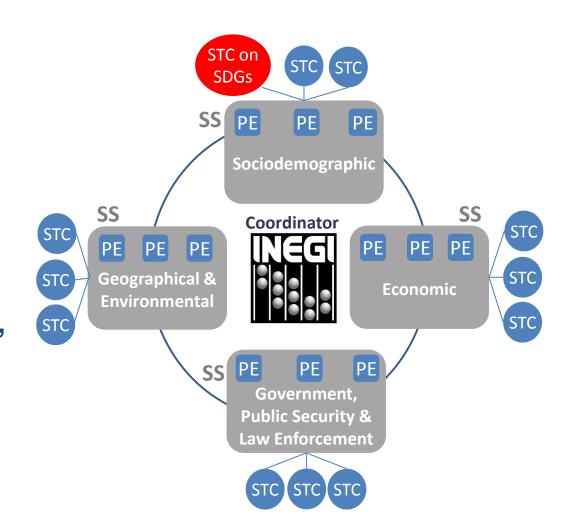
• Results: In Mexico, 93.1% (24,259,295) of the rural population live within 2 km of an all-season road

By State:



SNIEG: MEXICO'S COORDINATION FRAMEWORK TO PRODUCE STATISTICAL & GEOGRAPHICAL INFORMATION

- Public Entities (PE), as members of the SNIEG (NSS), are organized in 4 Subsystems of Information (SS)
- Each SS produce, integrate and disseminate information in matters within their competence
- Each Subsystem has Specialized Technical Committees (STCs) that set technical standards, guidelines, methodologies and processes
- The STC on SDGs, headed by the office of the Presidency, coordinates the efforts to measure the fulfillment of the 2030 Agenda SDGs



IMPLEMENTING THE 2030 AGENDA AND SDGs

Mexico's challenges measuring & monitoring SDGs

LEVEL 1: SGDs

17 SDGs 232

Indicators

LEVEL 2: Region

2,446
Municipalities

567,472

Measurements

LEVEL 3: Gender

2 Genders 1,134,944

Measurements

LEVEL 4: Age

3 Age Groups 3,404,832

Measurements

LEVEL 5: Ethnicity

4 Ethnic groups 13,619,328

Measurements

The challenge of implementing the 2030 Agenda and measuring its 232 indicators is too great for an institution alone

IMPLEMENTING THE 2030 AGENDA AND SDGs

2030 Agenda: a State undertaking

- The implementation of the 2030 Agenda requires a State –wide commitment
- Mexico's National Council for Sustainable Development and 2030 Agenda was installed on April 26, 2017
- The National Council is conceived as a long-term commitment







OBJETIV S DE DESARROLLO SOSTENIBLE

- The Office of the Presidency of the Republic along with INEGI launched an online platform to monitor the progress of SGDs
- It currently has 25 indicators
- A continuous and long term process is under way to keep the platform updated
- This platform is available for sharing and implementation in other countries



CHALLENGES

The 2030 Agenda brought us new challenges that we need to face

- Measuring and monitoring the 17 SDGs and their 232 indicators will take our capabilities to the limit
- All the actors involved must join efforts and work together
- We must become talent-hubs
- As data demand grows exponentially, the quality of the information must be assured
- Foster capacity building in all regions:
 - The Mexican Government, through INEGI, coordinates the Capacity Building Phase of UN-GGIM: America's Caribbean Project*



OPPORTUNITIES

The challenges open up a variety of opportunities

- Advance towards the integration of geospatial information with statistics
- Be creative and move beyond the traditional boundaries
- Establishing partnerships to harness the power of data
- Use more efficiently the data we are already collecting
- Strengthen the trust of society in official information





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