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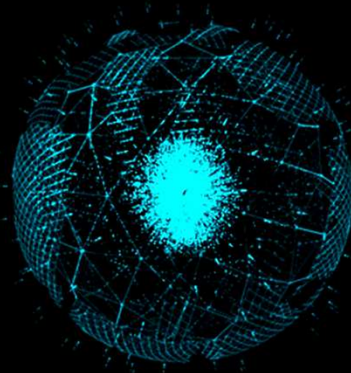
PARALLEL SESSION: MEASURING AND MONITORING THE SDGS

STATISTICAL-GEOSPATIAL INTEGRATION FOR THE SDGS AND THE 2020 CENSUSES

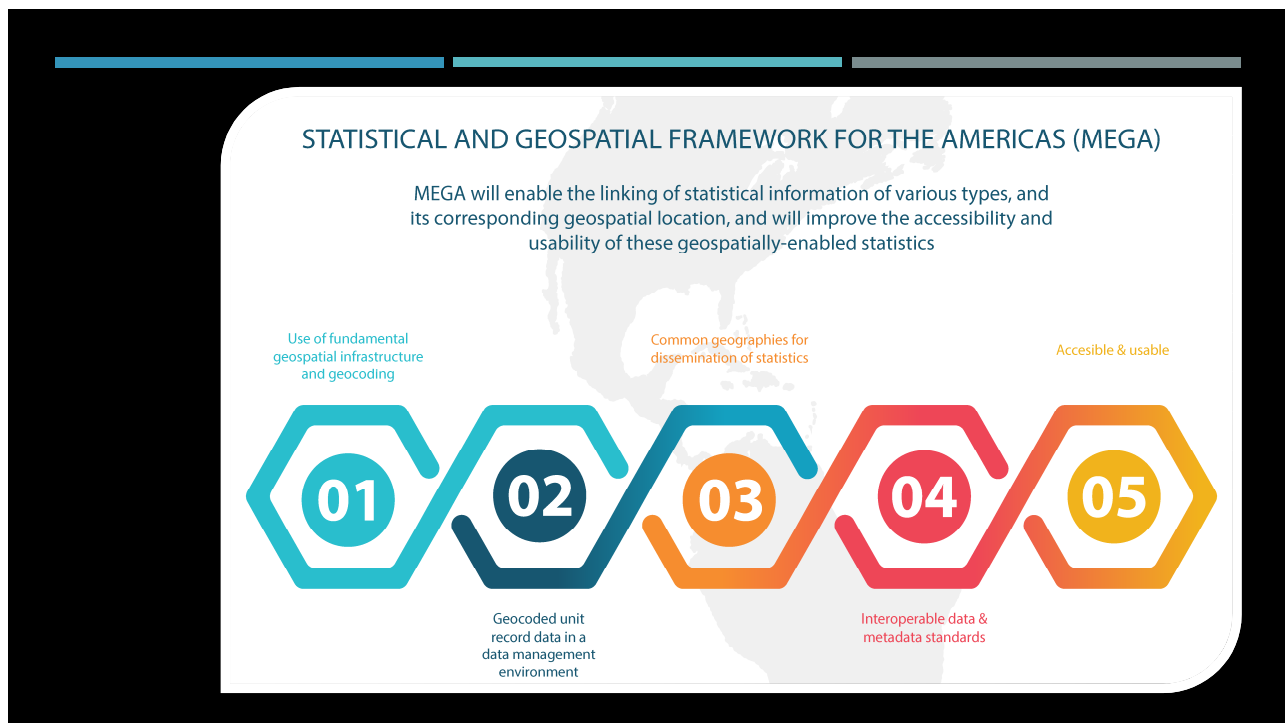
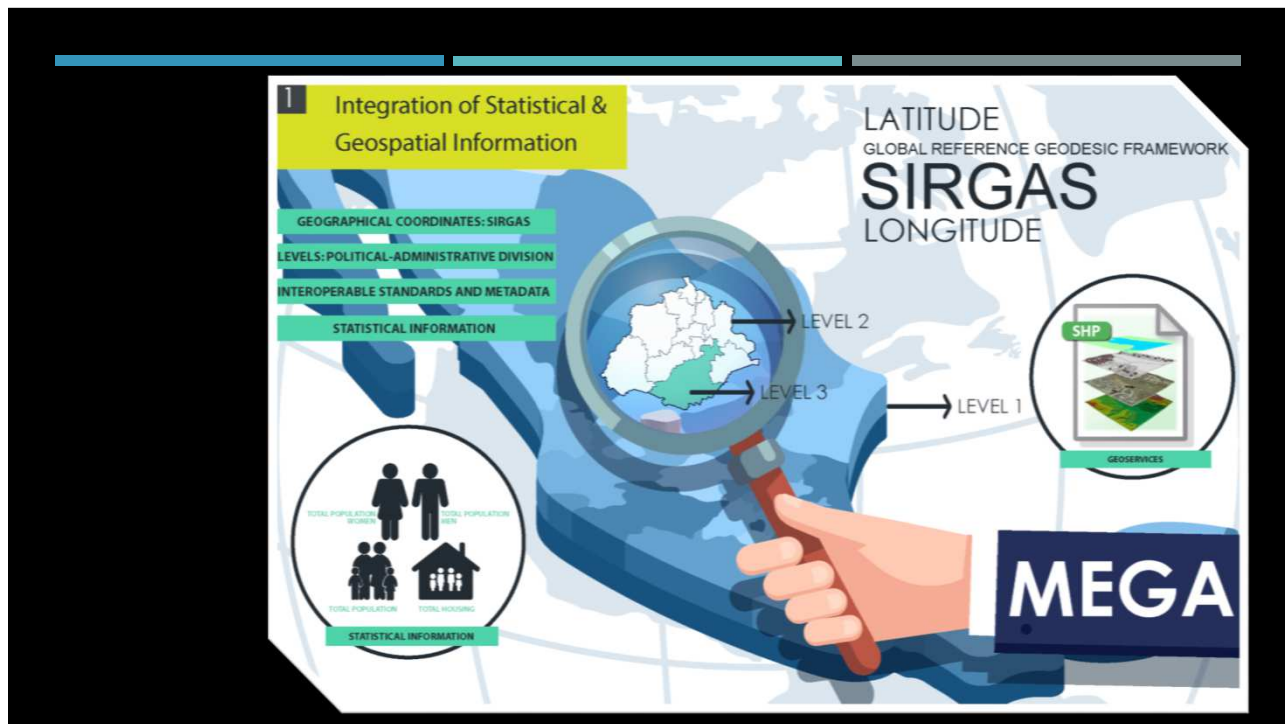


SOME EXAMPLES OF STATISTICAL-GEOSPATIAL INTEGRATION FOR THE SDGS AND 2020 CENSUSES

1. MEGA

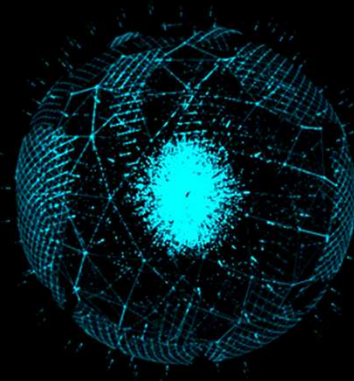






SOME EXAMPLES OF STATISTICAL-GEOSPATIAL INTEGRATION FOR THE SDGS AND 2020 CENSUSES

1. MEGA
2. The National Geostatistical Framework (MGN)



INEGI AND THE NATIONAL SYSTEM OF STATISTICAL AND GEOGRAPHIC INFORMATION (SNIEG)

KEY ELEMENTS



- Statistical and Geospatial Information within the [same institution](#) since 1983
- [Constitutional-level autonomy](#), since 2008
- Coordination of the National System of Statistical and Geographic Information (SNIEG)

THE NATIONAL GEOSTATISTICAL FRAMEWORK (MGN)

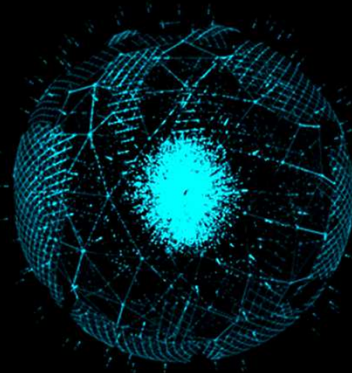


Geostatistical Areas :

- State (AGEE)
- Municipalities (AGEM)
- Basic (AGEB)

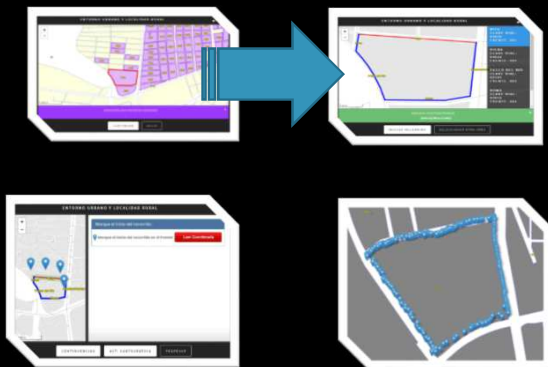
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3. 2020 Census



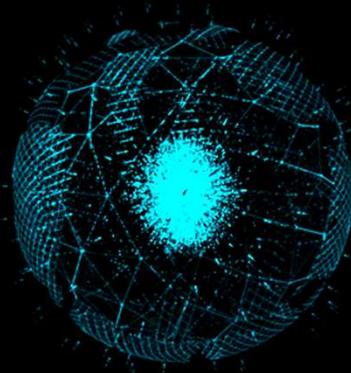
2020 POPULATION AND HOUSING CENSUS

Geo-REFERENCING



SOME EXAMPLES OF STATISTICAL-GEOSPATIAL INTEGRATION FOR THE SDGS AND 2020 CENSUSES

1. MEGA
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3. 2020 Census
4. Indicator 9.1.1



WORKS ON INDICATOR 9.1.1

PROPORTION OF THE RURAL POPULATION WHO LIVE WITHIN 2 KM OF AN ALL-SEASON ROAD



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Geospatial Information:

- Topographic map 1:50 000
- Transport Information Layer
- Paved/rural/transitable roads (all-season)

Statistical Information:

- Population Census 2010
- Settlements with less than 2500 people

WORKS ON INDICATOR 9.1.1

PROPORTION OF THE RURAL POPULATION WHO LIVE WITHIN 2 KM OF AN ALL-SEASON ROAD



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Habited rural settlements
188,597
(ITER 2010)



WORKS ON INDICATOR 9.1.1

PROPORTION OF THE RURAL POPULATION WHO LIVE WITHIN 2 KM OF AN ALL-SEASON ROAD



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



All-season roads:

2km buffer around each all-season road



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Habited rural settlements within 2km buffer



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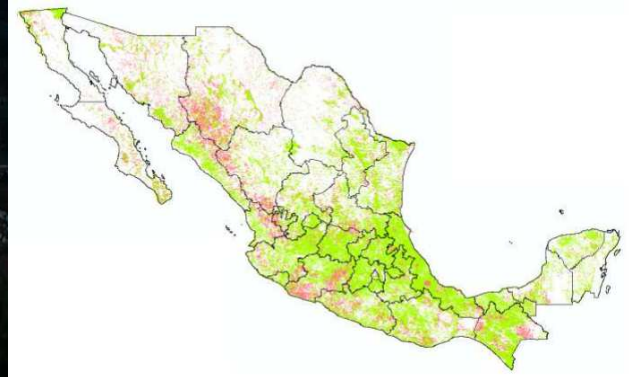


Number of rural settlements

...within 2km buffer (green)
24,259,295

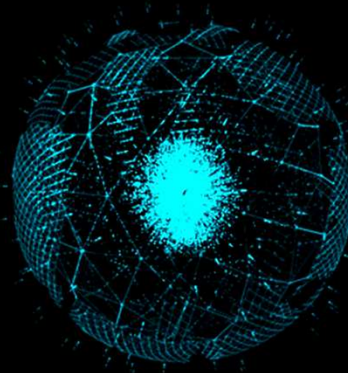
...outside 2km buffer (pink)
26,059,128

93.1 %



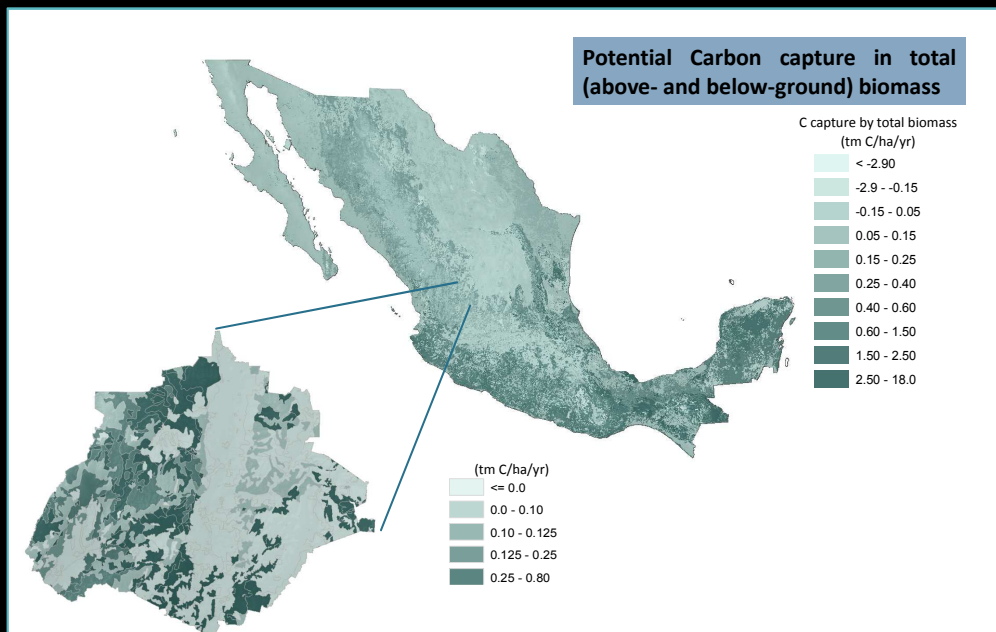
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STATISTICAL-GEOSPATIAL INTEGRATION
FOR THE SDGS AND 2020 CENSUSES

1. MEGA
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4. Indicator 9.1.1
5. The System of Environmental Economic Accounting (SEEA)



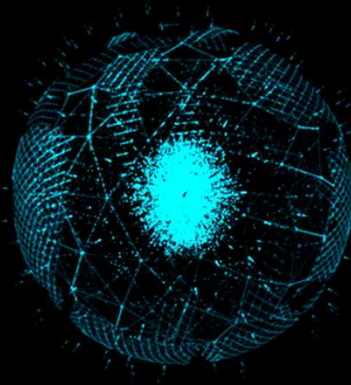
THE SYSTEM OF ENVIRONMENTAL ECONOMIC ACCOUNTING

- An internationally agreed statistical framework to measure the environment and its interactions with economy
- SEEA CF adopted as international statistical standard by the UN Statistical Commission in 2012
- SEEA Experimental Ecosystem Accounting:
 - complements the CF
 - represents international efforts toward coherent EA



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5. The System of Environmental Economic Accounting (SEEA)
6. Conclusions



CONCLUSIONS

- Having statistics and geography in a **single national institution** has allowed Mexico for a better integration and use of complementary information systems

- The use of integrated geographic and statistical data allows for **better design and monitoring** of public policies, **census** and internationally-agreed goals—such as the **SDGs**



THANK YOU.

FOR MORE INFO, CONTACT:

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