

Modernizing INEGI's role through synergies between statistics and geospatial information

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CES Plenary Session

Session 6 New Roles for statistical and geospatial
agencies in emerging national data ecosystems



June 23, 2020

Modernization challenges

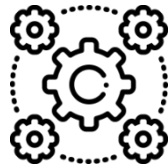
Challenges for modernizing NSOs and geospatial agencies:

1.



Integrate geospatial and statistical information

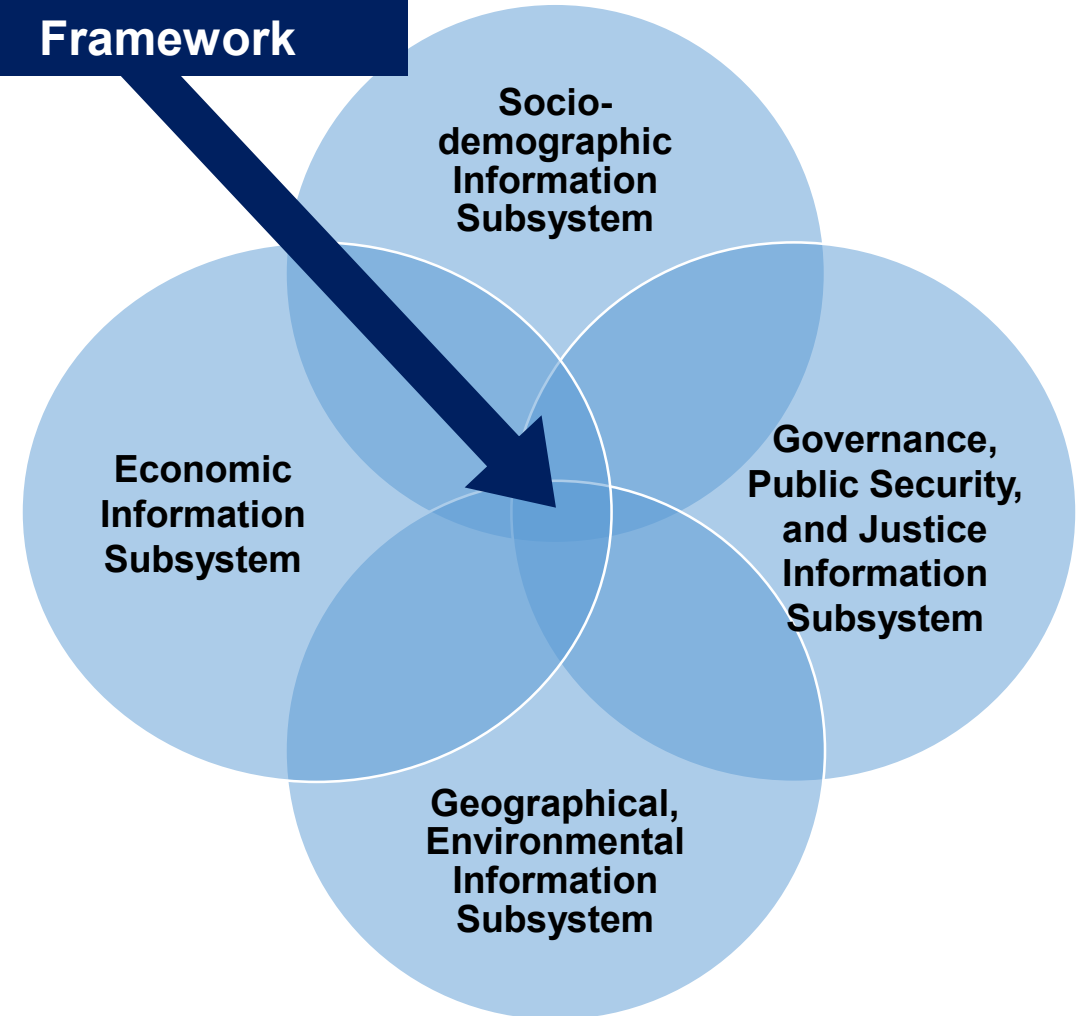
2.



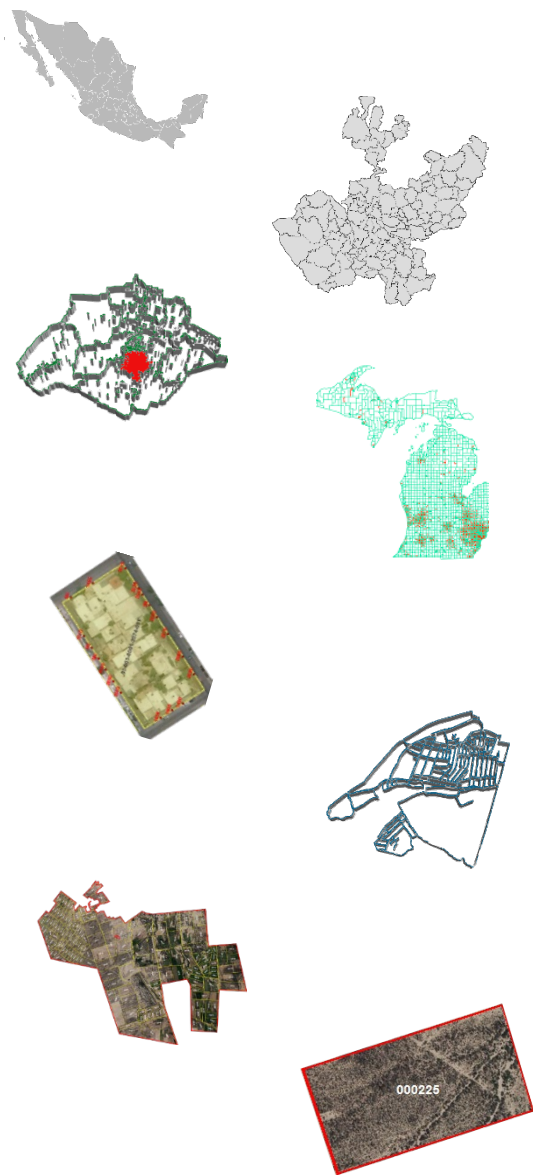
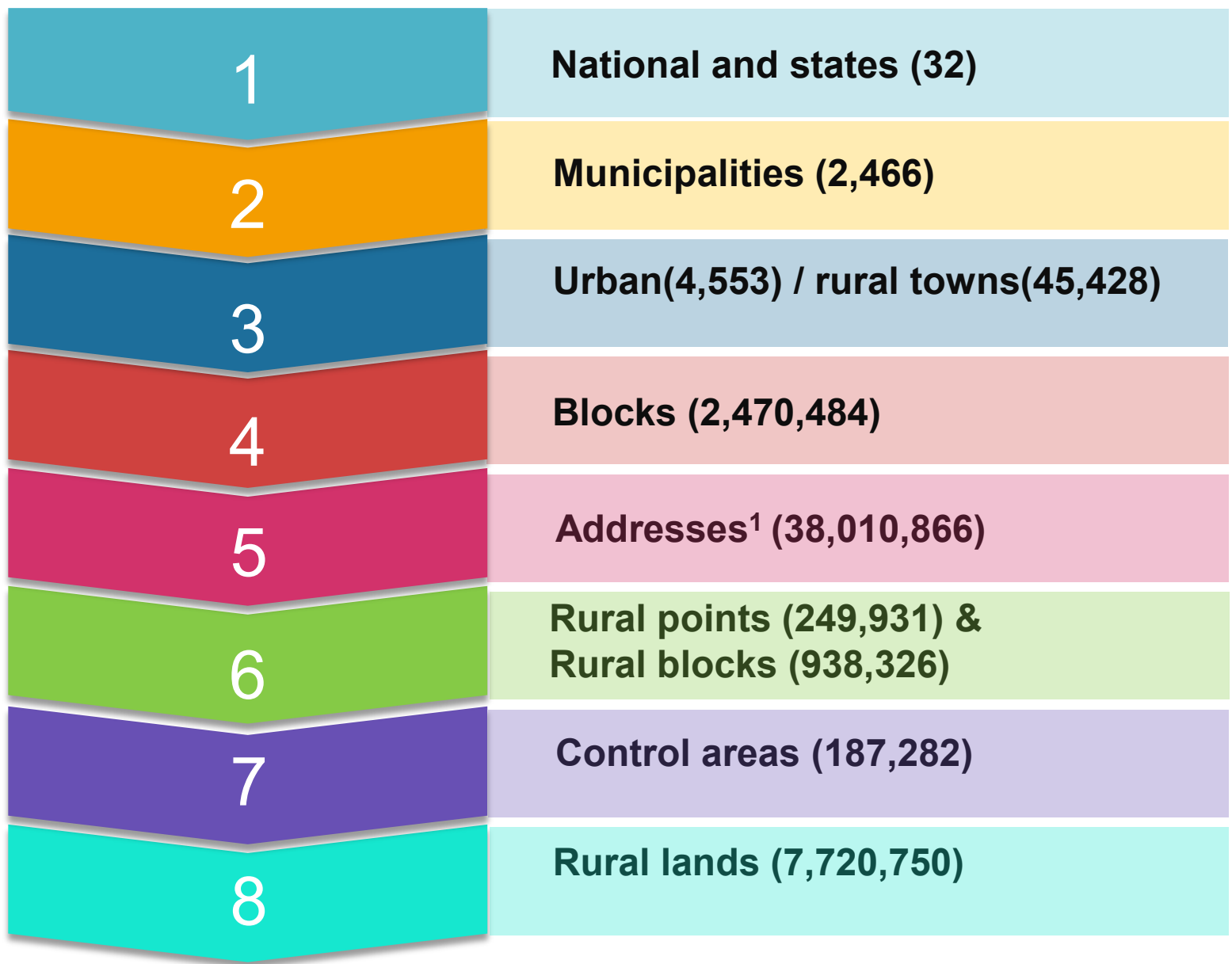
Interoperability within their organization

Information Infrastructure

Geostatistical Framework

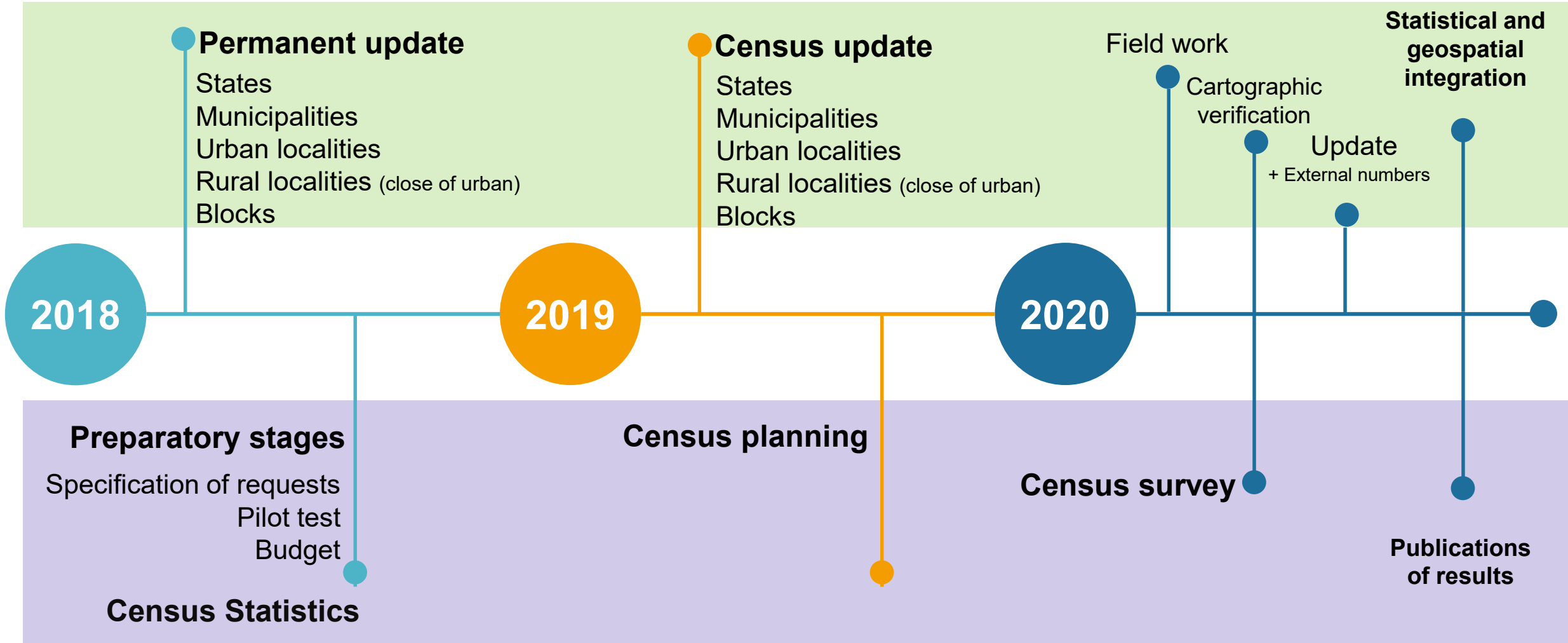


Geostatistical Framework: Layers

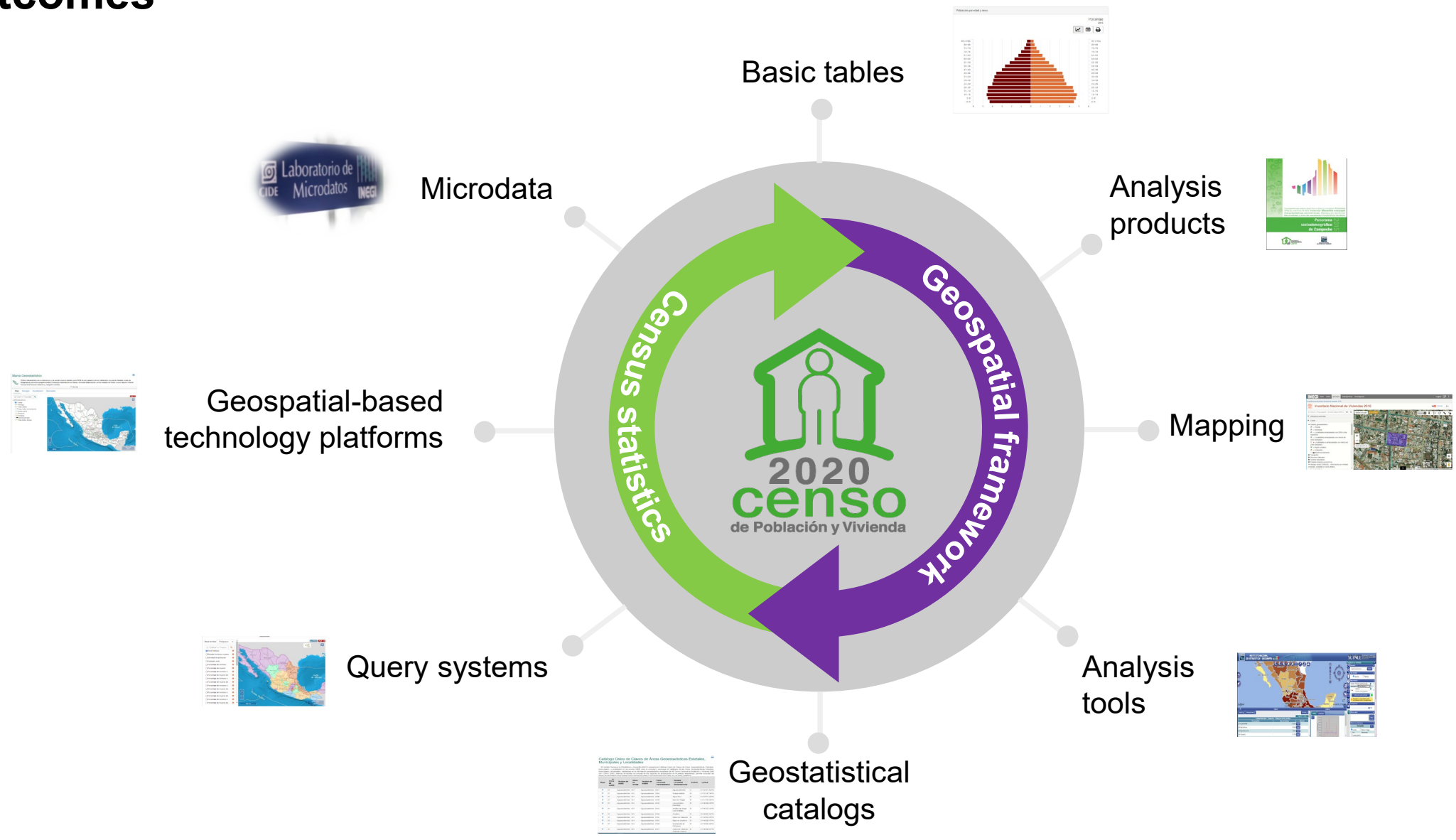


Geostatistical Framework update for and by the 2020 Census

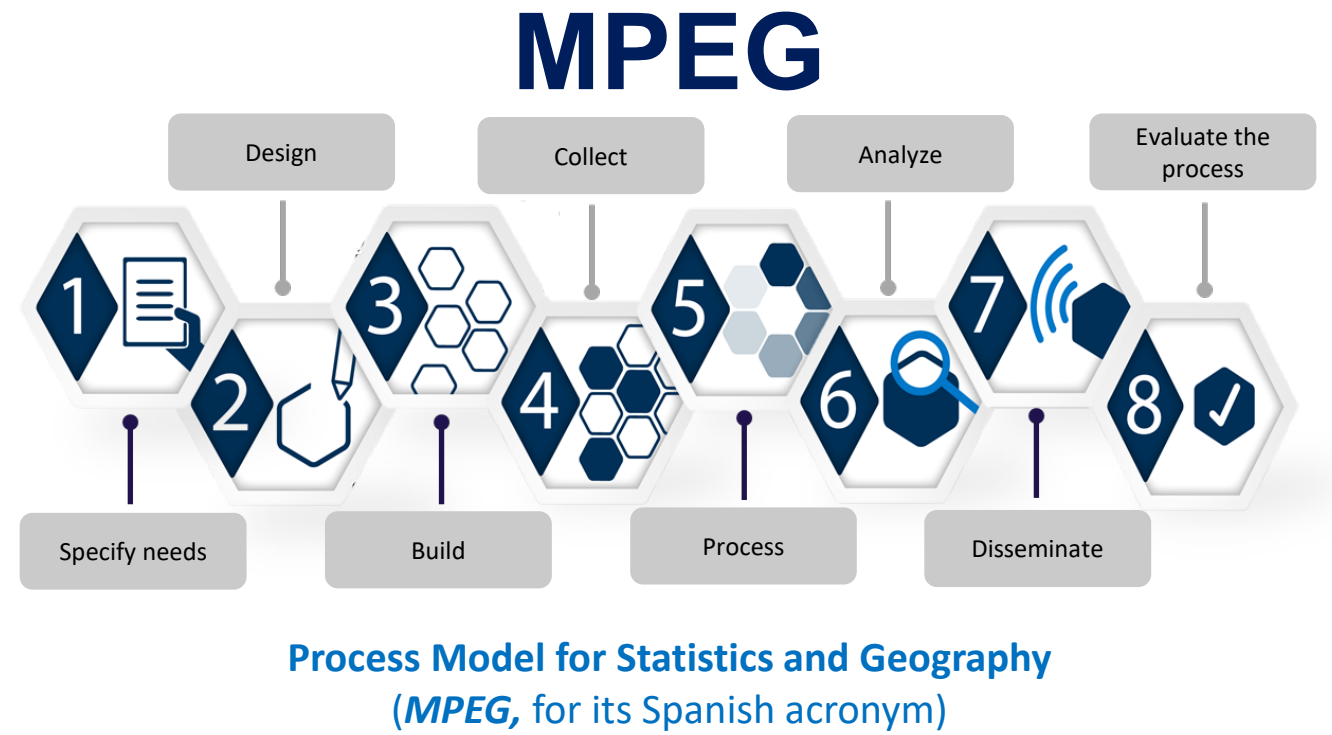
Geostatistical Framework



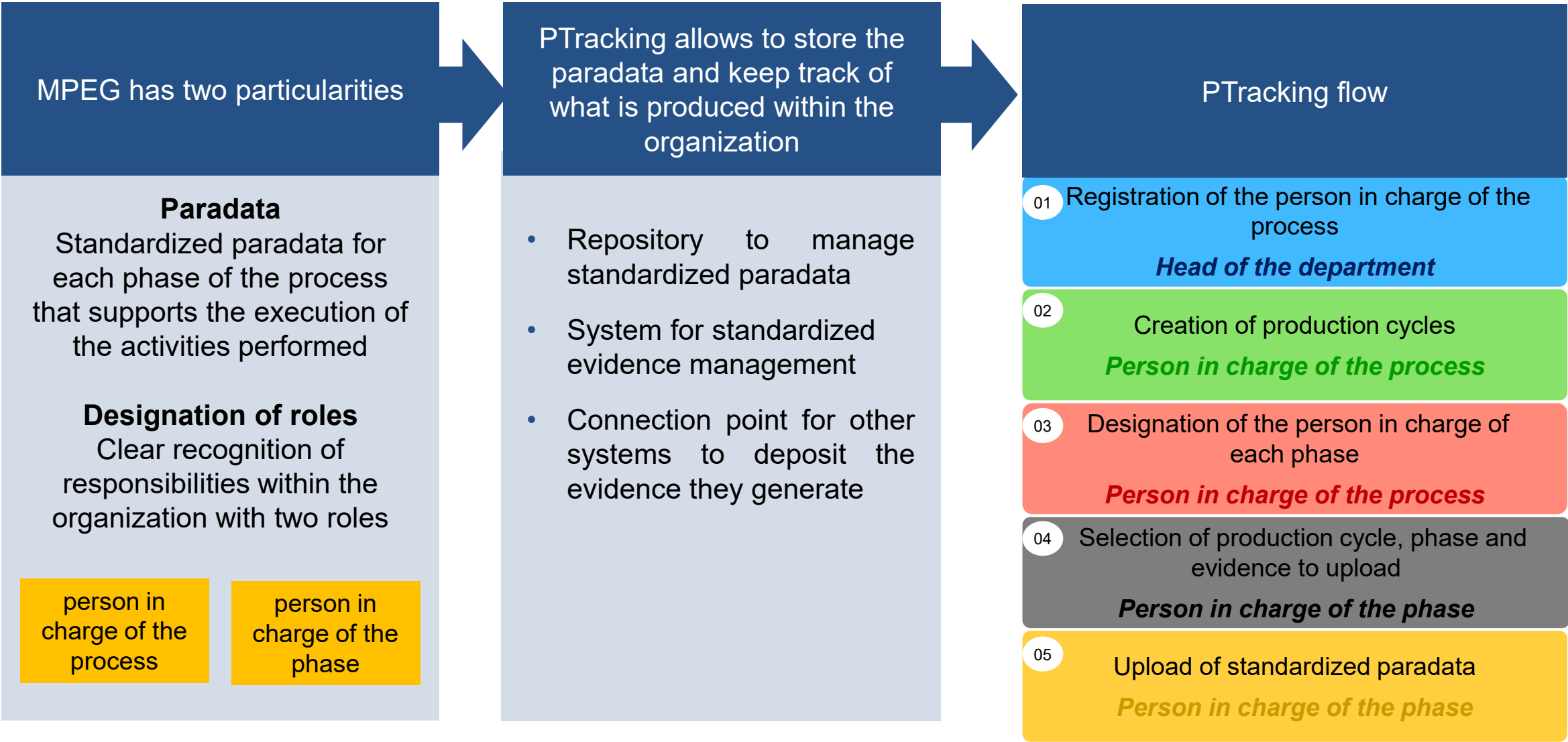
Outcomes



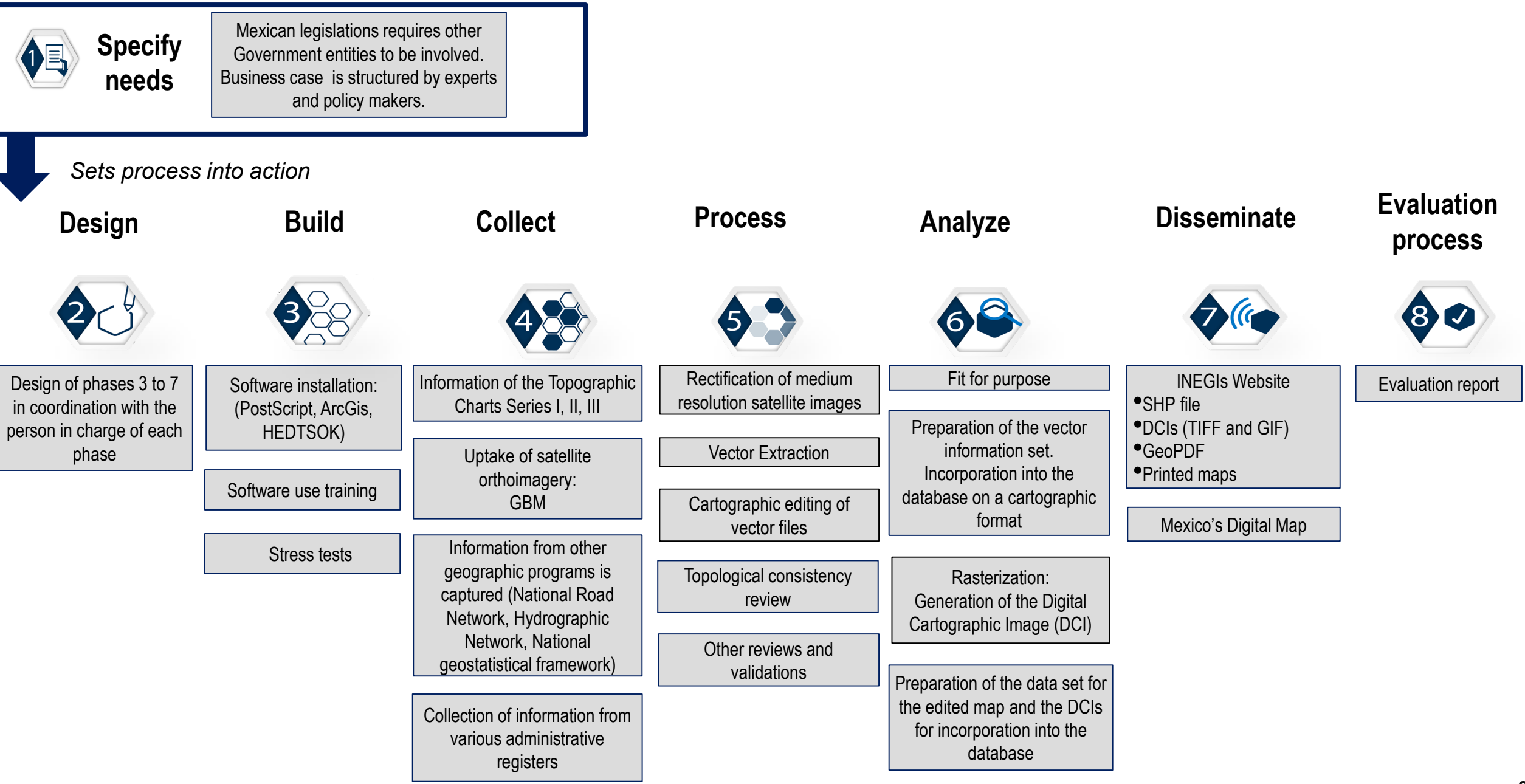
INEGI adapted the **Generic Statistical Business Process Model (GSBPM)** into its information production processes. Our framework (MPEG) is applied both to statistical and geospatial information.



Standardized frameworks allow INEGI to organize our processes and IT infrastructure, **integrating and harmonizing different statistical and geospatial** frameworks and fostering its interoperability



MPEG and geospatial information: Topographic Chart 1:50,000



A satellite view of Earth at night, showing the Americas and surrounding oceans. City lights are visible as bright yellow and white clusters against the dark blue of the land and oceans. The Earth's horizon is visible on the right side of the frame.

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