

## 1. Goal

Standardize statistical and geographical information production to facilitate its exchange and integration

## 2. Information Infrastructure

The set of data and methodologies that support the information production process to enable its interoperability.

<https://www.inegi.org.mx/infraestructura/metodologias/>

- Catalogs
- Classifications
- Statistical and geographical registries
- Methodologies



## 3. National System of Statistical and Geographical Information (SNI EG)



**Set of State Units**  
Organized through Subsystems

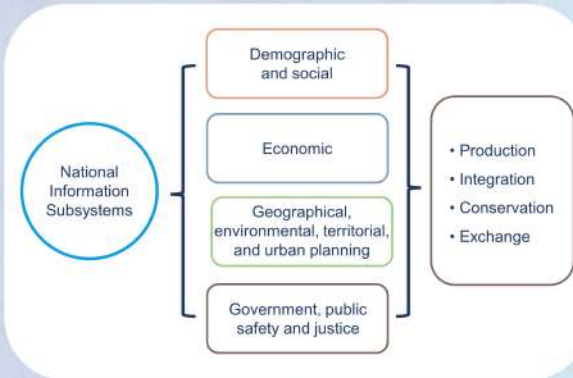
**Coordinated by INEGI**  
Articulated through the National Information Network

**Whose purpose is to produce and disseminate Information of National Interest**

Provide the State and Society



Quality, relevant, accurate and timely information



## 4. Legal framework



### SNI EG's Law:

Defines the minimum Information Infrastructure for each Subsystem

### INEGI's Statistical and Geographical Production Process Technical Norm:

Defines Information Infrastructure and its components

## 5. SNI EG's Programmatic Instruments



### Strategic Program 2022-2046

Consolidate the interoperability of Statistical and Geographical Information



### Statistical and Geographical National Program 2019-2024

Use Information Infrastructure to produce Statistical and Geographical Information



### Statistical and Geographical Annual Program 2024

Promote the use of Information Infrastructure

## 6.1. Context

Data revolution  
The big challenge  
Data and metadata standards



## 6. Data standardization and integration

Exponential growth  
Data harmonization  
Core factor for data integration



## 6.2. Standards

- Documented agreements that provide rules and guidelines
- Created and maintained to share, exchange, and understand data
- Facilitate interoperability, and enhance reuse of data

## 7. Information Interoperability

"It refers to the ability of systems and services to create, exchange, and consume data while recognizing its context and meaning."

INEGI (2021). *INEGI's Statistical and Geographical Production Process Technical Norm.*

Organizational	Human	Data	Technological
Organization's goals, exchange processes, and collaboration agreements to engage with broader ecosystems.	Ability of individuals or teams to communicate and work together to foster interoperability across production processes, and products.	Data and metadata designed to enable interoperability, reusing concepts, definitions, and guaranteeing statistical confidentiality.	Interconnected ICT to enable organizational, human, and data interoperability.

## 8. INEGI's data governance current activities

INEGI's guidelines for integrating and updating the inventory of information programs



Organizes and describes Information Programs, Production Processes, and Information Infrastructure components

## Final remarks

- **Information Infrastructure** contributes to **data standardization** and **integration**, and to **optimize resources**.
- INEGI develops and maintains **Information Infrastructure** components and tools, fostering **interoperability** among information production processes.
- **Standardization** improves **quality**, and **utility** of statistical and geographical information.
- Data governance establishes **strategies and regulatory provisions** to guide statistical and geographical information management, enhancing **quality, security, statistical confidentiality, and interoperability**.