



# INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK

IGIF AS A FRAMEWORK FOR SUPPORTING  
A NATIONAL GI STRATEGY

**NGI**  
Nationaal  
Geografisch  
Instituut



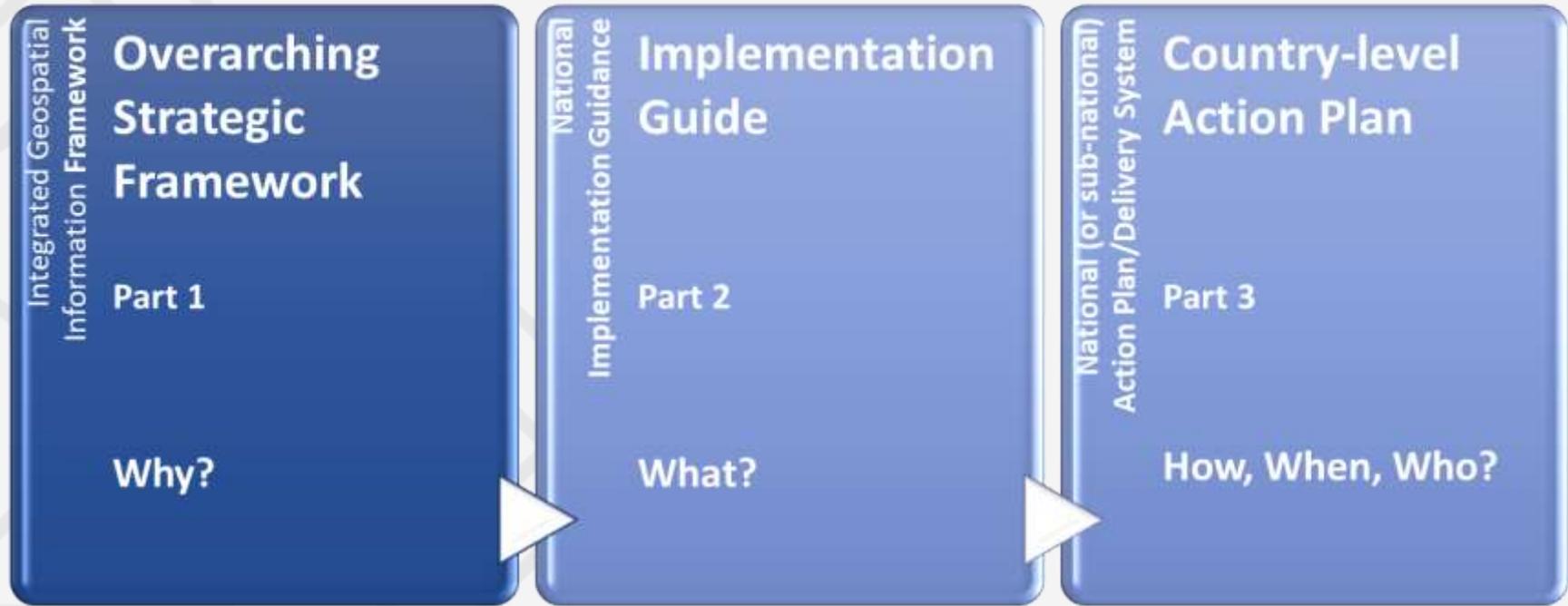
**IGN**  
Institut  
Géographique  
National



# WHAT IS THE IGIF

## overview

# United Nations Integrated Geospatial Information Framework

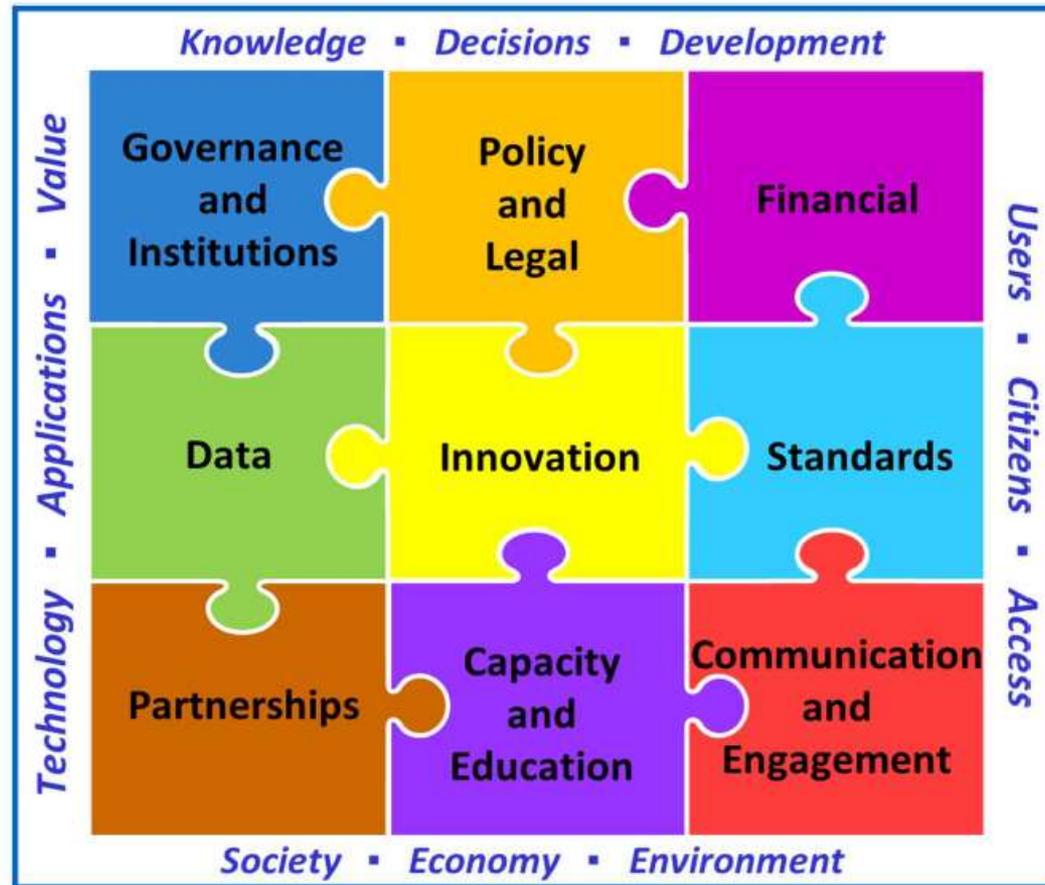


**Part 1:** Overarching Strategic Framework – **WHY** geospatial information is a critical element of national social and economic development, and needs to be strengthened.

**Part 2:** Implementation Guide – **WHAT actions** can be taken to strengthen geospatial information management.

**Part 3:** Country-level Action Plans – **HOW** the actions will be carried out, **WHEN** and by **WHOM**.

# THE NINE STRATEGIC PATHWAYS OF THE IGIF



Anchored by nine Strategic Pathways, the Framework is a mechanism for articulating and demonstrating national leadership in geospatial information, and the capacity to take positive steps.

<http://ggim.un.org/IGIF/>



UN-GGIM

United Nations Secretariat  
Global Geospatial Information Management

*Positioning geospatial information to address global challenges*

ggim.un.org





# WHY IS THE IGIF IMPORTANT?

# Intertwined on a global scale

## 2030 Agenda for Sustainable Development

Sendai Framework for Disaster Risk Reduction 2015-2030

Paris Agreement on Climate Change

SAMOA Pathway for SIDS

Addis Ababa Action Agenda

HABITAT III New Urban Agenda

Our Ocean, Our Future: Call for Action



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## Integrated Geospatial Information Framework (IGIF)

Strategic Framework on Geospatial Information and Services for Disasters

Global Statistical Geospatial Framework (GSGF)

Framework for Effective Land Administration (FELA)

Global Fundamental Geospatial Data Themes

Global Geodetic Reference Frame (GGRF)

National Institutional Arrangements in Geospatial Information Management

Role of Standards in Geospatial Information Management

Compendium on Licensing of Geospatial Information

Statement of Shared Guiding Principles for Geospatial Information Management

# IGIF helps to overcome traditional challenges



## CHALLENGES

### LIMITED CAPABILITIES

Data management policies, practices, and integration and analytical capabilities are currently limited in many countries. This is particularly a significant challenge for developing countries.

### ORGANIZATIONAL SILOS

Geospatial information has been typically collected in organizational silos - resulting in data duplication, and the use of different data standards, formats, and classifications. This has made data harmonization, maintenance and integration problematic.



## OPPORTUNITY

### INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK

IGIF provides an inclusive and engaging mechanism to bring collaboration, coordination, and cohesion across a country (government institutions & private sector) for the purposes of developing, strengthening and integrating arrangements in national geospatial information management.

# Positive impacts of IGIF

Advance National Development Priorities



Advance the 2030 Agenda for Sustainable Development



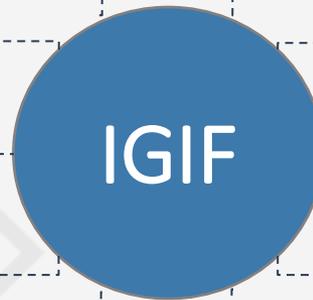
Modernize National Geospatial Capacities



Advance Geospatial in Broader Digital Information Ecosystem



Support SDGs Global Indicator Framework and the Integration of Statistical and Geospatial Information (GSGF)



Support Effective Land Administration (FELA)



Improve Health Care Delivery and Response



Manage Impacts of Climate Change



Facilitate Disaster Risk Reduction and Management



Basis for integrating the terrestrial, maritime and cadastral domains (e.g., IGIF-H)



## WHY USE THE IGIF?

## Why use the IGIF to strengthen your national GI strategy?



- Analysis of the current situation (what is good, what can be better)
  - World Bank has created tools for:
    - Diagnostic/Baseline Assessment
    - Geospatial Alignment to Policy Drivers
    - Socio-Economic Impact Assessment
    - Action Plan
- Drafting a roadmap for the future
- Argumentation for further investment

# Member state testimonials

