IGIF: Implementation Guide - Foundations

- The Implementation Guide provides the ‘what’, the specific guidance and options to be taken by countries in implementing the IGIF. It captures strategic to operational needs with guiding principles; while not being detailed and prescriptive – Country-level Action Plans do that.
- Expanding on each of the 9 Strategic Pathways, the Guide comprises references, good practices and specific principles and actions for each of the Pathways, including those generated through each of the Subcommittee, Expert and Working Groups of UN-GGIM.
- The aim is to provide guidance for governments to establish ‘nationally’ integrated geospatial information frameworks in countries in such a way that transformational change is enabled, visible and sustainable. The Guide’s benefits will cascade right down to the citizen.
- While intended to benefit low to middle income countries and small island developing States, the Guide can be used to establish and/or improve national geospatial information management arrangements. The Guide can also be used to coordinate activities to achieve alignment between already existing national agency capabilities and infrastructures.
Proposed “structure, shape and form”

- The ‘IGIF’ pieces and relationships need to be understood: IGIF; Guide; Appendices; Case Studies; Country-level Action Plans, etc. Every country will be different in their response. Every country has a vision and/or strategy. The elements of the Guide will feed into these.

- The initial proposed Guide ‘structure, shape and form’ is suitable, but expand to 10 Chapters.

- First Chapter will be the Index: To describe and explain the flow and structure of the Guide; bring each of the introductory diagrams together; look at interlinkages across each of the Strategic Pathways; address NSDI perspectives; and articulate the ‘level of detail’ of the Guide.

- The remaining chapters of the Guide will begin with a Summary (to articulate the value proposition the pathway offers) and an Introduction that includes a schematic flow diagram.
IGIF Part 2 – Document Review
(http://ggim.un.org/IGIF/part2.cshtml)

Document Availability

Part 2: Implementation Guide

Part 2: Implementation Guide describes “what” actions can be taken to strengthen geospatial information management. The Implementation Guide is a reference resource that provides information for governments to design, plan, establish, implement and maintain nationally integrated geospatial information frameworks in their country in such a way that transformational change is enabled, viable and sustainable. The implementation guide provides the specific guidance and options to be taken by countries in implementing the IGIF. Through each of the nine strategic pathways, it guides the user through the approach, context, rationale, options and considerations, principles that align with actions, and sample outcomes for comparison.

- Solving the Puzzle
- Strategic Pathway 1: Governance and Institutions
- Strategic Pathway 2: Policy and Legal
- Strategic Pathway 3: Financial
- Strategic Pathway 4: Data
- Strategic Pathway 5: Innovation
- Strategic Pathway 6: Standards
- Strategic Pathway 7: Partnerships
- Strategic Pathway 8: Capacity and Education
- Strategic Pathway 9: Communication and Engagement
Positioning geospatial information to address global challenges

Establishes a geospatial data framework and custodianship guidelines for best practice collection and management of integrated geospatial information that is appropriate to cross sector and multidisciplinary collaboration.

Objective is to enable data custodians to meet their data management, sharing and reuse obligations to government and the user community through the execution of well-defined data supply chains for organizing, planning, acquiring, integrating, managing, maintaining, curating, publishing and archiving geospatial information.

Strategic Pathway 4

Data

Establishes a geospatial data framework and custodianship guidelines for best practice collection and management of integrated geospatial information that is appropriate to cross sector and multidisciplinary collaboration.

Objective is to enable data custodians to meet their data management, sharing and reuse obligations to government and the user community through the execution of well-defined data supply chains for organizing, planning, acquiring, integrating, managing, maintaining, curating, publishing and archiving geospatial information.
The Implementation Guide is a reference resource that defines, describes, and offers helpful guidance on each of the nine pathways.

While each pathway addresses a component of the Framework, there are interrelated linkages and associations with one or more of the other pathways.

The Guide mentions common relationships between the different pathways so that users see the connections.

The Guide tells the user what is needed to create, implement, and/or maintain a national (or sub-national) geospatial information capability. It offers recommended, suggested, or required actions in order to be successful.

This is helpful in gaining new knowledge or validating geospatial programs already in place. However, the Guide does not describe how to implement the many points offered.
Proposed Document Structure

- Abstract
- Summary
- 1.1 Introduction
- 1.2 Context and Rationale
- 1.3 Approach
- 1.4 Elements
- 1.5 Guiding Principles
- 1.6 Actions
- 1.7 Deliverables
- 1.8 Outcomes
- 1.9 Resources

Strategic Pathway 1

Governing and Institutions

The strategic pathway establishes the leadership, governance model, institutional arrangements and a clear value proposition to strengthen the UN and its agencies and achieve the Sustainable Development Goals. It is designed to:

- Define and articulate the high-level ambition and strategic vision
- Ensure the alignment of governance practices and institutional arrangements
- Strengthen the governance framework to deliver on the strategic priorities

Summary

Governance is the key to achieving the Sustainable Development Goals (SDGs). It involves the processes by which decisions are made and implemented to determine the direction of an organization and the allocation of its resources. Governance is about ensuring that an organization is accountable and transparent in its decision-making processes.

The strategic pathway focuses on four key elements:

1. Governance Model
2. Leadership
3. Institutional Arrangements
4. Value Proposition

These elements are interlinked and must work together to ensure that the UN and its agencies are able to deliver on the SDGs. The governance model needs to be transparent and inclusive, leadership needs to be effective and accountable, institutional arrangements need to be robust and aligned with the SDGs, and the value proposition needs to be clear and compelling.

The first 3 pages of the Chapter define the high-level ‘Summary’, and can be used as a stand-alone flyer if required.
Proposed Document Structure

- Abstract
- Summary
- 1.1 Introduction
- 1.2 Context and Rationale
- 1.3 Approach
- 1.4 Elements
- 1.5 Guiding Principles
- 1.6 Actions
- 1.7 Deliverables
- 1.8 Outcomes
- 1.9 Resources

The ‘Approach’ to the Chapter. Repeats what is in the Summary diagram, but goes into more detail. Items will be hyperlinked for ease of search and navigation.

- Abstract
- Summary
- 1.1 Introduction
- 1.2 Context and Rationale
- 1.3 Approach
- 1.4 Elements
- 1.5 Guiding Principles
- 1.6 Actions
- 1.7 Deliverables
- 1.8 Outcomes
- 1.9 Resources
Proposed Document Structure

- Abstract
- Summary
- 1.1 Introduction
- 1.2 Context and Rationale
- 1.3 Approach
- 1.4 Elements
- 1.5 Guiding Principles
- 1.6 Actions
- 1.7 Deliverables
- 1.8 Outcomes
- 1.9 Resources

Actions repeated here as a different schematic, but with more detail regarding the 'Tools' and 'Interrelated Actions'. Will be hyperlinked for ease of search and navigation.

Proposed Document Structure

- Abstract
- Summary
- 1.1 Introduction
- 1.2 Context and Rationale
- 1.3 Approach
- 1.4 Elements
- 1.5 Guiding Principles
- 1.6 Actions
- 1.7 Deliverables
- 1.8 Outcomes
- 1.9 Resources
Chapter title: Solving the Puzzle: Understanding the Implementation Guide

Introduction elaborates: What is the Framework, the Implementation Guide, the relationships with the Overarching Strategic Framework and the Country-level Action Plans. What is the purpose of the Implementation Guide, what is it to be used for and how we got here?

‘Solving the Puzzle’ Chapter will contain nine sections, namely:
1. Executive Summary;
2. Introduction;
3. Describing the Guide;
4. Examples of How the Guide will be Used and Managed;
5. Describing the Strategic Pathways;
6. How to Use the Guide;
7. Country-level Action Plans;
8. Benefits; and
9. Interlinkages.
Third International Workshop on Operationalizing the Integrated Geospatial Information Framework
26 - 28 November 2019, Conference Room, Office of the National Statistical Committee
Minsk, Belarus

Integrated Geospatial Information Framework
Part 2: Implementation Guide

Interactions