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REGIONAL COMMITTEE OF UNITED NATIONS
ON GLOBAL GEOSPATIAL INFORMATION
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X SESSION **UN-GGIM:** **AMERICAS**

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Santiago de Chile, ECLAC

Preparing UN-IGIF country-level action plans: the UN approach and the SDG Data Alliance

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This presentation

Considers the UN “country-led, country-delivered” approach to preparing country-level action plans.

Informs you about the SDG Data Alliance and its progress globally.

Lessons from the Americas.



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United Nations Secretary General Antonio Guterres - 11th October 2022

“We need your geospatial expertise on two fronts:

To measure progress, and

To make progress.

We need you to drive forward innovation and action through the power of data
– focused on the most marginalised and vulnerable communities and places.”



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The problem

Despite significant advances in **data collection and geospatial technology** across the world, many developing countries still **lack the resources, tools and technology to track progress** toward the **sustainable development goals (SDGs)**.

These gaps make it challenging for countries to achieve the SDGs and make and implement informed development. Many **developing nations are at risk of being left out of the geospatial data revolution.**





SDG
DATA
ALLIANCE

THE PARTNERS





The SDG Data Alliance

The SDG Data Alliance was formed to **bring GIS technology capabilities, resources and training** to developing countries with the goal of accelerating the **achievement of the SDGs.**





The SDG Data Alliance has two key deliverables

- (1) The country develops its own **UN IGIF country-level action plan** to improve national geospatial information management, an essential element of national digital infrastructures.
- (2) The country develops a **national SDG data hub** to enable monitoring of achievement of the SDGs by goal, target, and indicator.

Country-led, country-delivered



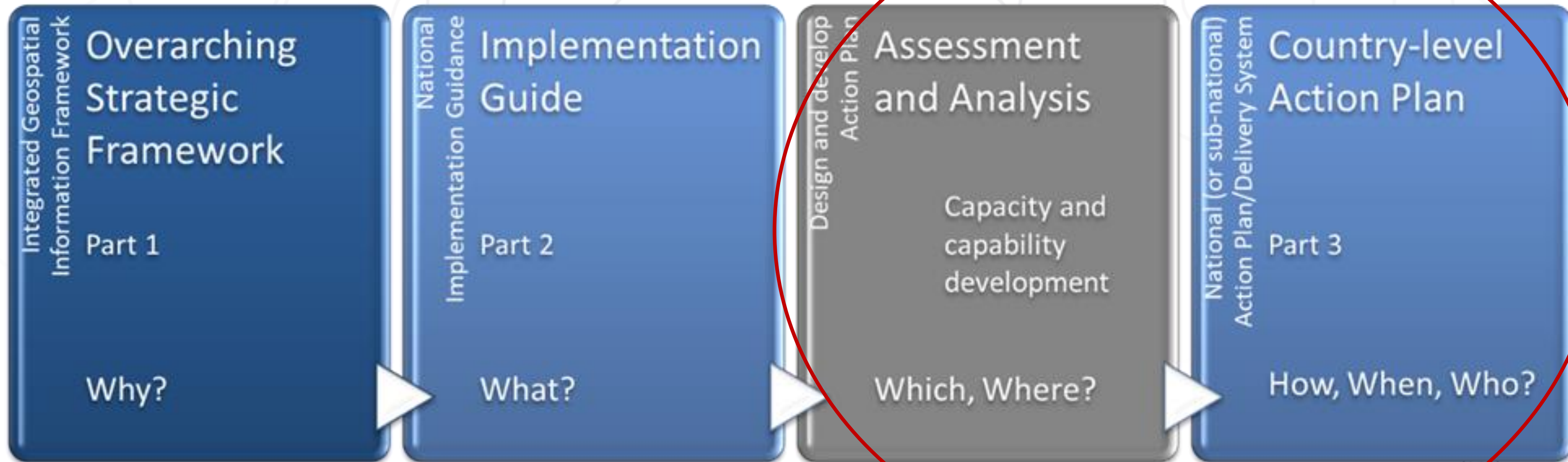
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Using the UN IGIF to Deliver Country Level Action Plans



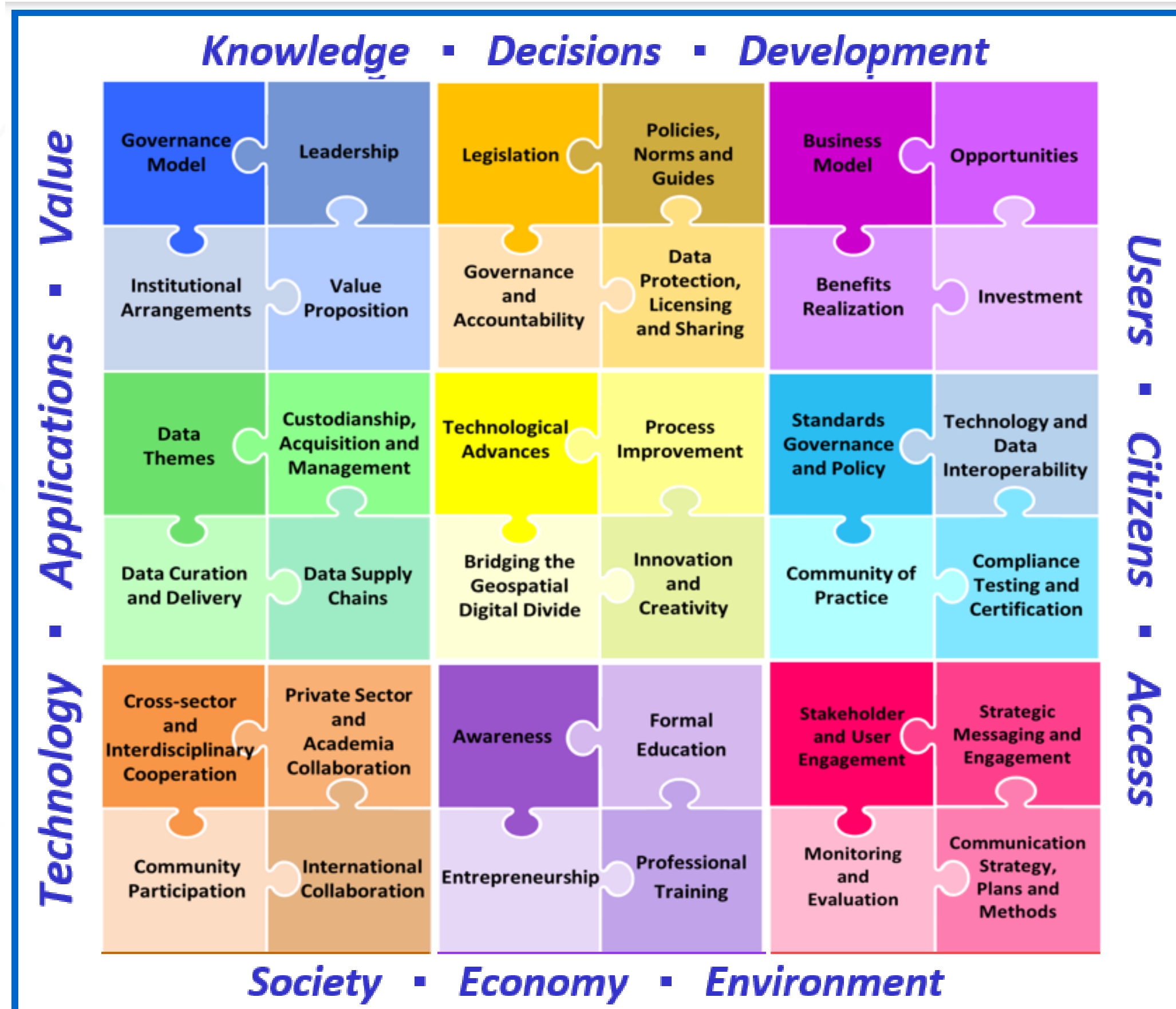
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UN-IGIF is a broad framework



2022 versions

- ▶ Solving the Puzzle [English](#)
- ▶ Strategic Pathway 1: Governance and Institutions [English](#)
- ▶ Strategic Pathway 2: Policy and Legal *(forthcoming)*
- ▶ Strategic Pathway 3: Financial [English](#)
- ▶ Strategic Pathway 4: Data *(forthcoming)*
- ▶ Strategic Pathway 5: Innovation *(forthcoming)*
- ▶ Strategic Pathway 6: Standards [English](#)
- ▶ Strategic Pathway 7: Partnerships [English](#)
- ▶ Strategic Pathway 8: Capacity and Education [English](#)
- ▶ Strategic Pathway 9: Communication and Engagement [English](#) | [French](#)

Consultation drafts (March 2022)

- ▶ Solving the Puzzle [English](#) | [Appendices](#)
- ▶ Strategic Pathway 1: Governance and Institutions [English](#) | [Appendices](#)
- ▶ Strategic Pathway 2: Policy and Legal [English](#) | [Appendices](#)
- ▶ Strategic Pathway 3: Financial [English](#) | [Appendices](#)
- ▶ Strategic Pathway 4: Data [English](#) | [Appendices](#)
- ▶ Strategic Pathway 5: Innovation [English](#) | [Appendices](#)
- ▶ Strategic Pathway 6: Standards [English](#) | [Appendices](#)
- ▶ Strategic Pathway 7: Partnerships [English](#) | [Appendices](#)
- ▶ Strategic Pathway 8: Capacity and Education [English](#) | [Appendices](#)
- ▶ Strategic Pathway 9: Communication and Engagement [English](#) | [Appendices](#)

<https://ggim.un.org/IGIF/part2.cshtml>



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What is a UN-IGIF country-level action plan?

- A country-level action plan provides specific steps a country should take towards achieving the strategic goal of strengthening national integrated geospatial information management.
- When implemented it supports national social, economic and environmental development, including SDGs (ODS).
- It is national, requiring collaboration across Government.
- It uses the UN-IGIF as a framework



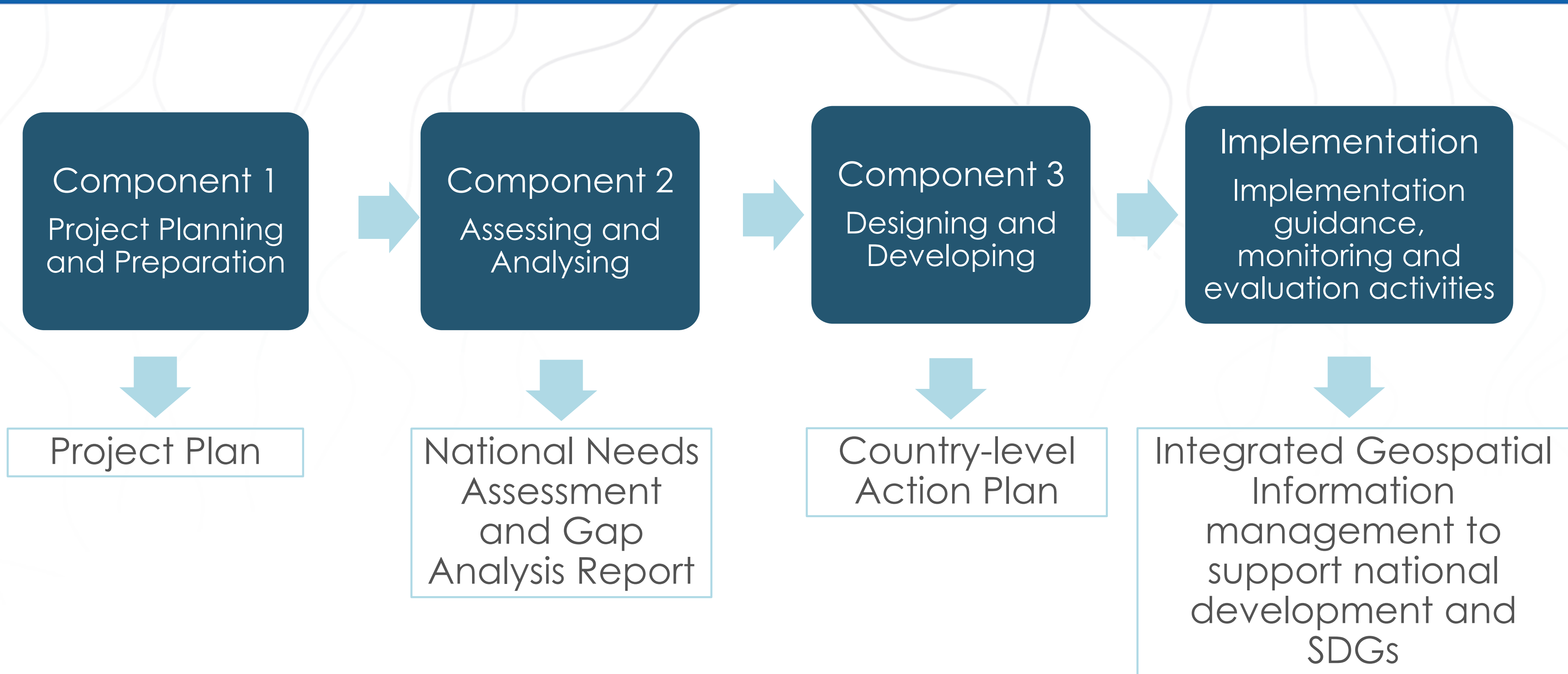
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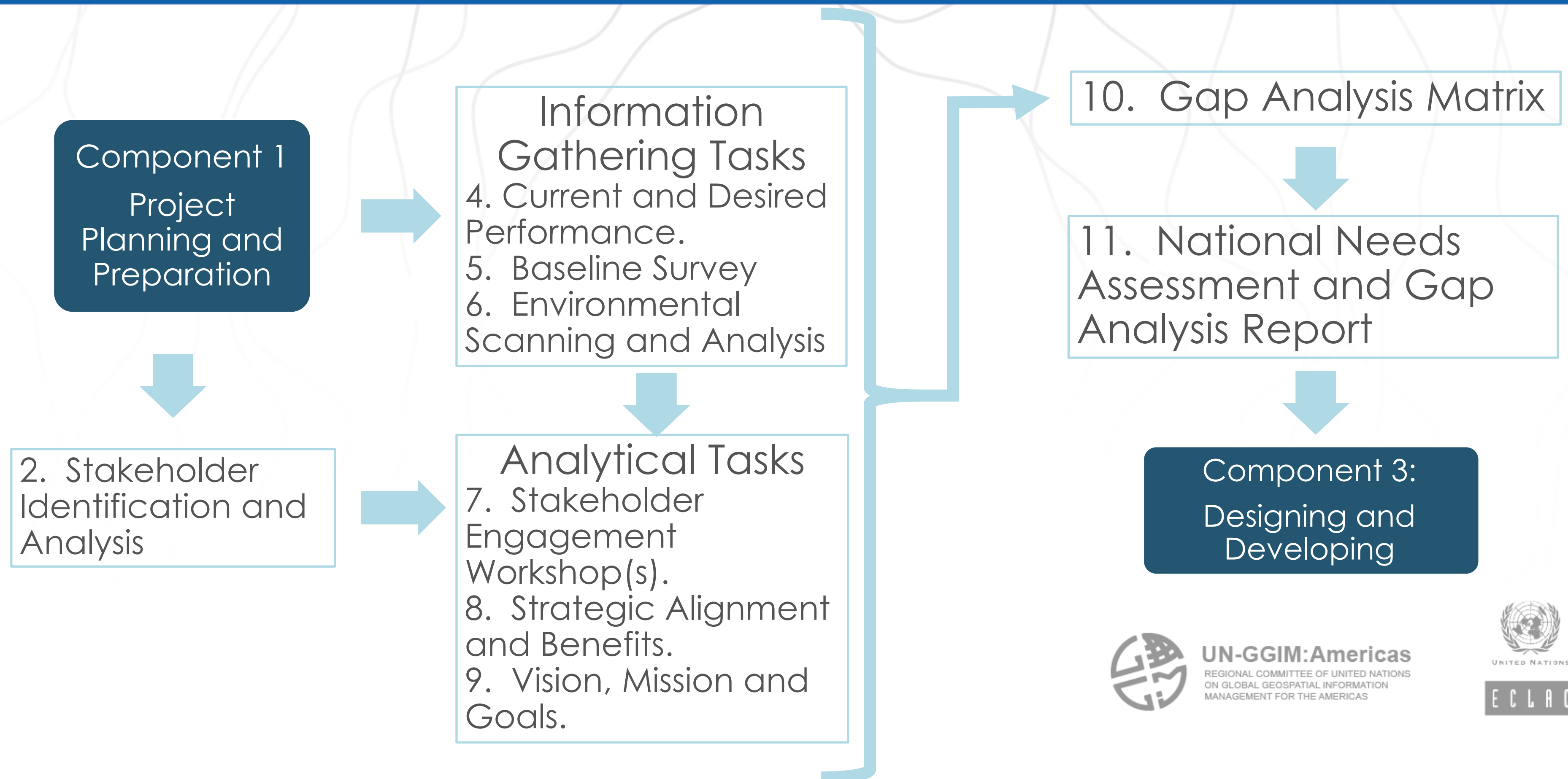
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The UN approach to developing a country-level action plan



Component 2: assessment and analysis



Component 3: Designing and Developing

Component 1
Project Planning
and Preparation

Component 2
Assessing and
Analysing

12. Actions and Sub
Tasks (by IGIF
Strategic Pathway)

13. Implementation
Schedule

14. Budget
Estimations

15. Success
Indicators

16. Country-level
Action Plan

- National Vision, Mission, Objectives
- Strategic Alignment
- Actions and deliverables
- Outcomes
- Agencies roles
- Budget estimations
- Implementation Schedule
- Risk Mitigation
- Success Indicators, monitoring and evaluation

Each task has a tool or template and links to UN-IGIF Implementation Guide

United Nations INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK
THE "SELF-PAUSE, LEARN AND DISCOVER" APPROACH TO IMPLEMENT AT COUNTRY-LEVEL

Rendimiento actual	Declaración	Rendimiento deseado
<p>Declaración</p> <p>1 = No iniciado; 2 = Mínimo; 3 = Moderado; 4 = Extensivo; 5 = Logrado</p> <p>○ ● ○ ○ ○ ○</p>	<p>Declaración</p> <p><i>La medida en que nuestros datos geospaciales pueden utilizarse para analizar relaciones, tendencias y patrones complejos en un amplio espectro de aplicaciones.</i></p>	<p>Declaración</p> <p>1 = Bajo y 3 = Alto</p> <p>○ ○ ○ ○ ○ ●</p>
<p>OBJETIVO 4: Rendimiento económico de la inversión</p> <p>El retorno económico de la inversión se logra a través de la gestión de las mejores prácticas y el uso innovador de la información geoespacial integrada.</p>		
Rendimiento actual	Declaración	Rendimiento deseado
<p>Declaración</p> <p>1 = No iniciado; 2 = Mínimo; 3 = Moderado; 4 = Extensivo; 5 = Logrado</p> <p>○ ● ○ ○ ○ ○</p>	<p>Declaración</p> <p><i>La medida en que la financiación gubernamental de la gestión de la información geoespacial está mejorando claramente, a través de estudios de casos específicos, una inversión de retorno económico directo e indirecto.</i></p>	<p>Declaración</p> <p>1 = Bajo y 3 = Alto</p> <p>○ ○ ○ ○ ○ ●</p>

Página 6 de 18 | Evaluación y Análisis | Tema recomendado 4 - Evaluación de la situación actual y deseada (y futuro)

"Fortalecimiento de las capacidades nacionales de gestión de la información geoespacial hacia la implementación de la Agenda 2030 para el Desarrollo Sostenible"

MARCO INTEGRADO DE INFORMACIÓN GEOSPACIAL DE LAS NACIONES UNIDAS
El enfoque de las Naciones Unidas de "aprender y descubrir" para aplicar a nivel nacional

Dirección General de Límites y Aguas Internacionales DIGELAI Ministerio de Relaciones Exteriores MINEX	Reuniones presenciales y virtuales dar apoyo técnico.	dar apoyo técnico para Georreferenciación de Monumentos terrestres fronterizos	Según se requiera.
Ministerio Público	Por correo electrónico	Apoyo técnico para localizar coordenadas geográficas y planas en hojas cartográficas en formato impreso y digital.	Según se requiera.
Dirección General de Asuntos Marítimos DGAM Ministerio de la Defensa Nacional.	Reuniones presenciales y virtuales sobre la Comisión Interinstitucional de Investigación Hidro Oceanográfica -CIHO	Dar apoyo técnico en temas cartográficos y geodésicos.	Según sea necesario
Dirección General de Aeronáutica Civil DGAC Ministerio de Comunicaciones Infraestructura y Vivienda MICVI	Reuniones presenciales y virtuales	Dar apoyo técnico para el levantamiento geodésico y topográfico de Aeropuertos, helipuertos y pistas de aterrizaje.	Según se requiera.
Ministerio de Energía y Minas MINEX	Por correo electrónico	Dar apoyo técnico en Cartografía, Geografía y Geodesia.	Según se requiera.
Instituto Nacional de Sismología, Vulcanología y Meteorología INSIVUMEH.	Reuniones Presenciales y Virtuales	Formar parte del Consejo Técnico Científico de la Secretaría Ejecutiva de la CONRED	Según se requiera.
Comisión Nacional Redacción de Desastres CONRED	Reuniones Presenciales.	Formar parte de la Comisión de la Infraestructura de Datos Espaciales y proveer soporte técnico en aspectos cartográficos y geodésicos	Según se requiera.

NOTA: GIGI: GESTIÓN DE INFORMACIÓN GEOSPACIAL INTEGRADA

pg. 14 de 107 | Evaluación y preparación | Tema recomendado 3 - Identificación y análisis de las partes interesadas

"Fortalecimiento de las capacidades nacionales de gestión de la información geoespacial para la aplicación de la Agenda 2030 para el Desarrollo Sostenible"

HONDURAS MARCO INTEGRADO DE INFORMACIÓN GEOSPACIAL DE LAS NACIONES UNIDAS
El enfoque de las Naciones Unidas de "aprender y descubrir" para aplicar a nivel nacional

SECRETARÍA DE PLANIFICACIÓN ESTRATÉGICA

ALINEACIÓN ESTRATÉGICA (Y BENEFICIOS)
TAREA RECOMENDADA # 8
PRIORIDADES ESTRATÉGICAS DEL GOBIERNO

SECRETARÍA DE PLANIFICACIÓN ESTRATÉGICA
GOBIERNO DE CHILE

IDE CHILE
Infraestructura de Datos Geoespaciales



SDG DATA ALLIANCE

SDG Data Alliance
Misión Visión y Objetivos - IGIF

Julio - 2023



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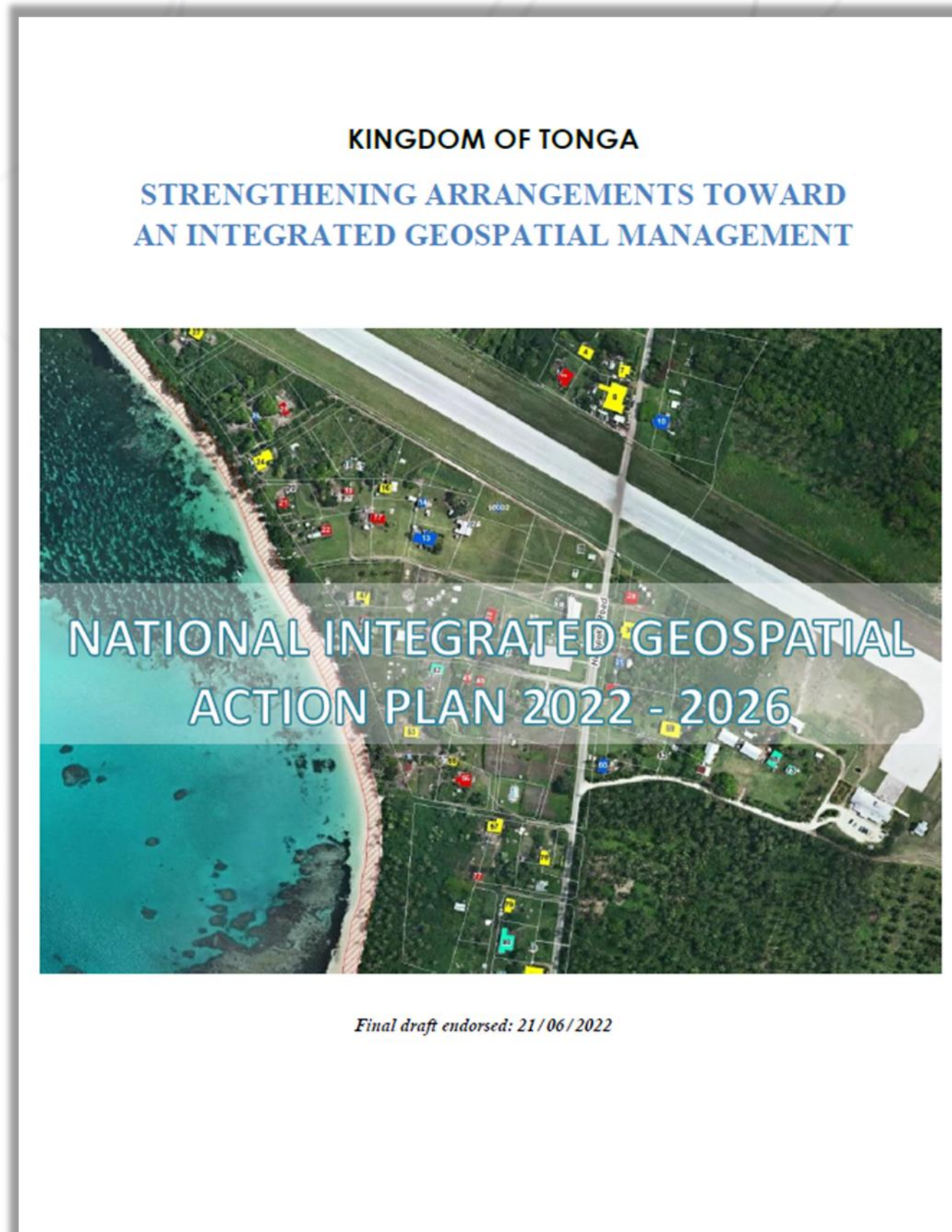
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The finished country-level action plan



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A plan – is only a plan: Implementation

Component 1 Component 2 Component 3



Country-level
Action Plan

Implementation

- Communication
- Stakeholder engagement
- Endorsement
- Funding
- Programme governance and management
- Business cases
- Monitoring and evaluation
- Benefits realisation

Integrated Geospatial
Information
management to support
national development
and SDGs



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SDG Data Alliance Support to partner countries preparing UN-IGIF Action Plans

- Advice and mentorship on the UN approach to “country-led, country-delivered” country-level action plans.
- Advice on the content of the work countries are conducting.
- Workshops and capacity building.
- Potential for financial support for in-country workshops.
- The support continues into implementation.



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Learning

- Ministerial support.
- Range of stakeholders: Users and funders as well as data management institutions.
- Importance of communication and stakeholder engagement.
- Time and dedicated resources for country led, country delivered.
- Thinking broadly - all 9 UN-IGIF strategic pathways, not just policy and technology.
- Translations of UN-IGIF documentation.
- Capacity building.
- Action Plan endorsement.
- Resource mobilisation.



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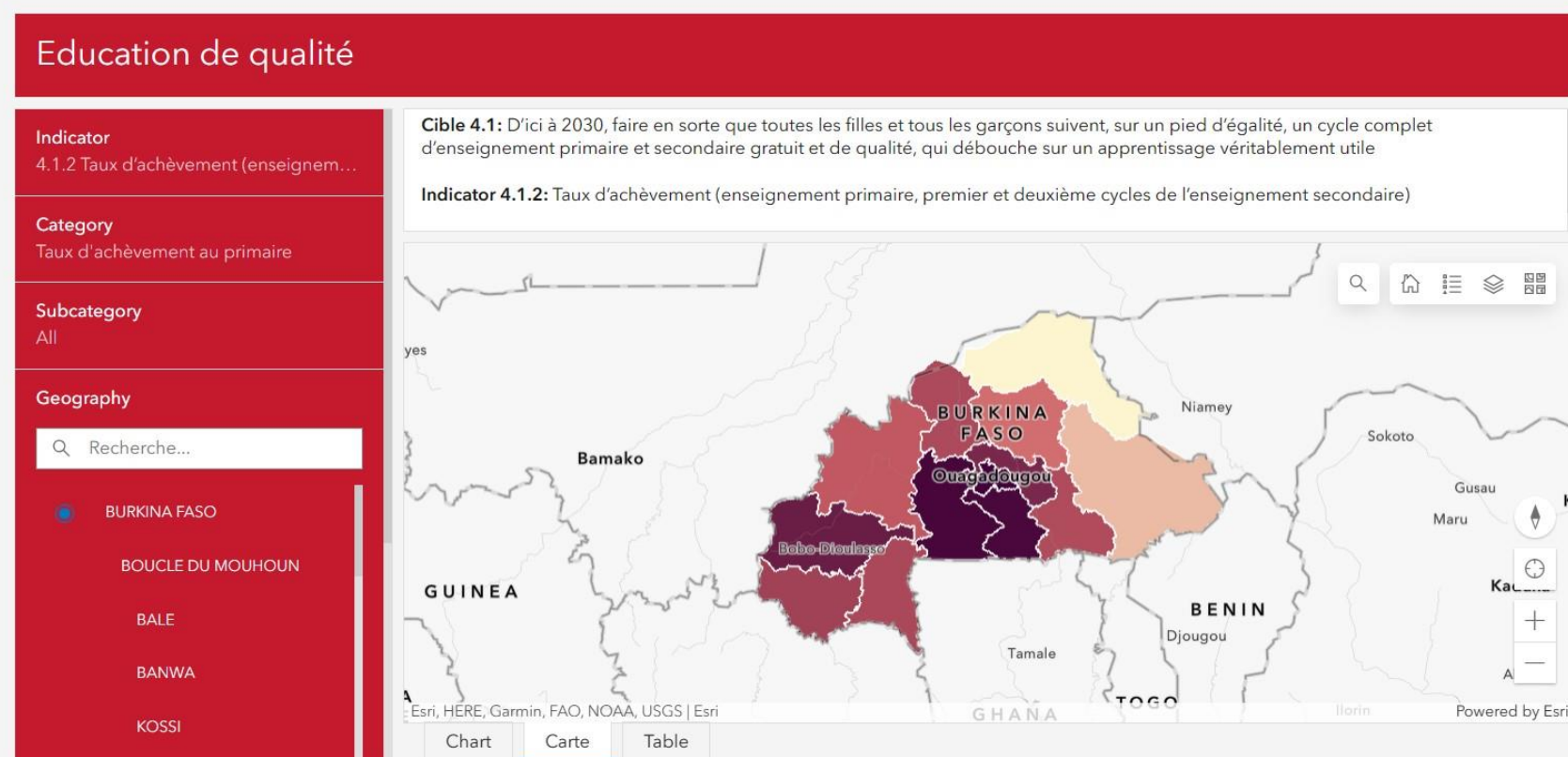
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SDG Data Hub



- A national SDG Data Hub enables countries to see progress and invest intelligently to progress SDG target achievement.
- SDG Data Alliance partner countries receive advice, technology, training and mentorship.



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Active SDG Data Alliance Partner Countries

The Americas

- Chile
- Guatemala
- The Honduras
- Mexico
- Panama

Wider - global

- Burkina Faso
- Cameroon
- Cote d'Ivoire
- Eswatini
- Ethiopia
- Fiji
- Indonesia
- Ireland
- Morocco
- Mozambique
- Rwanda
- Senegal
- South Africa
- Tonga



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