John Kedar
SDG Data Alliance Resource Team

SDG DATA ALLIANCE

Advancing the IGIF through the SDG Data Alliance

FOUNDING PARTNERS

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SDG DATA ALLIANCE

Antonio Guterres

United Nations Secretary General

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."

What is the SDG Data Alliance?

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

The SDG Data Alliance is an open, community-driven, **multi-stakeholder partnership comprising of the private sector, foundations, UN organizations, and local and national governments**.

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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. (This is initiated at a point when the action plan development is sufficiently progressed).

Country-led, country-delivered

The SDG Data Alliance has two key deliverables: (1)

(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.

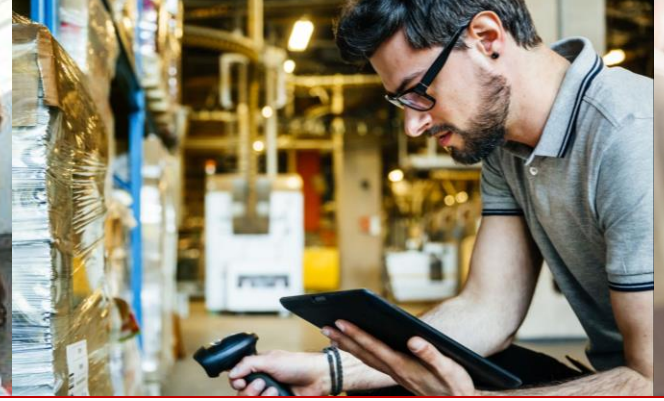
- A country-level action plan provides specific steps towards achieving the short-term and long-term strategic goals for strengthening national integrated geospatial information management.
- It is national, requiring collaboration across Government.
- It uses the UN IGIF as a framework

UN approach to Country Action Plan development

Component 1
Project Planning and Preparation

1. Project Initiation and Pre-needs Assessment
2. Stakeholder Identification and Analysis
3. High-level Project Plan (to design and develop country-level Action Plan)

Project Plan



Government an

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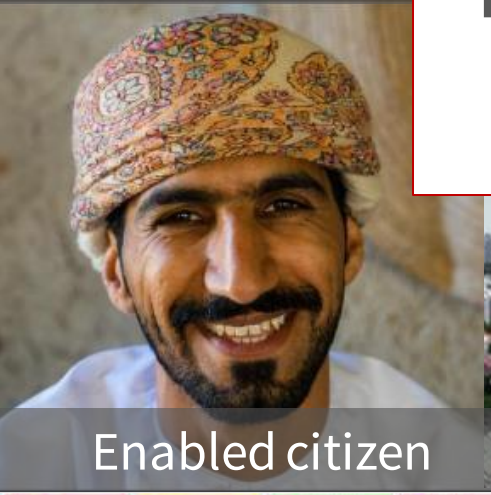
Broad range of benefits, including SDGs, results in needing to engage with **wide range of cross-government, industry and funder stakeholders**, often for the first time



Enabled citizen

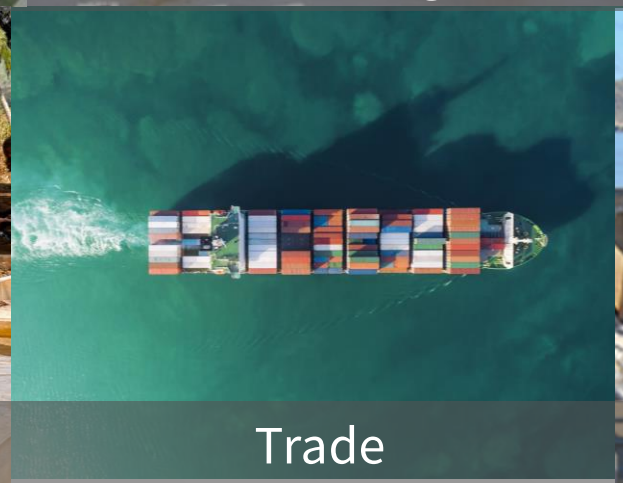
Smart urban planning

Resource management

Emergency Services

SDG delivery/measurement

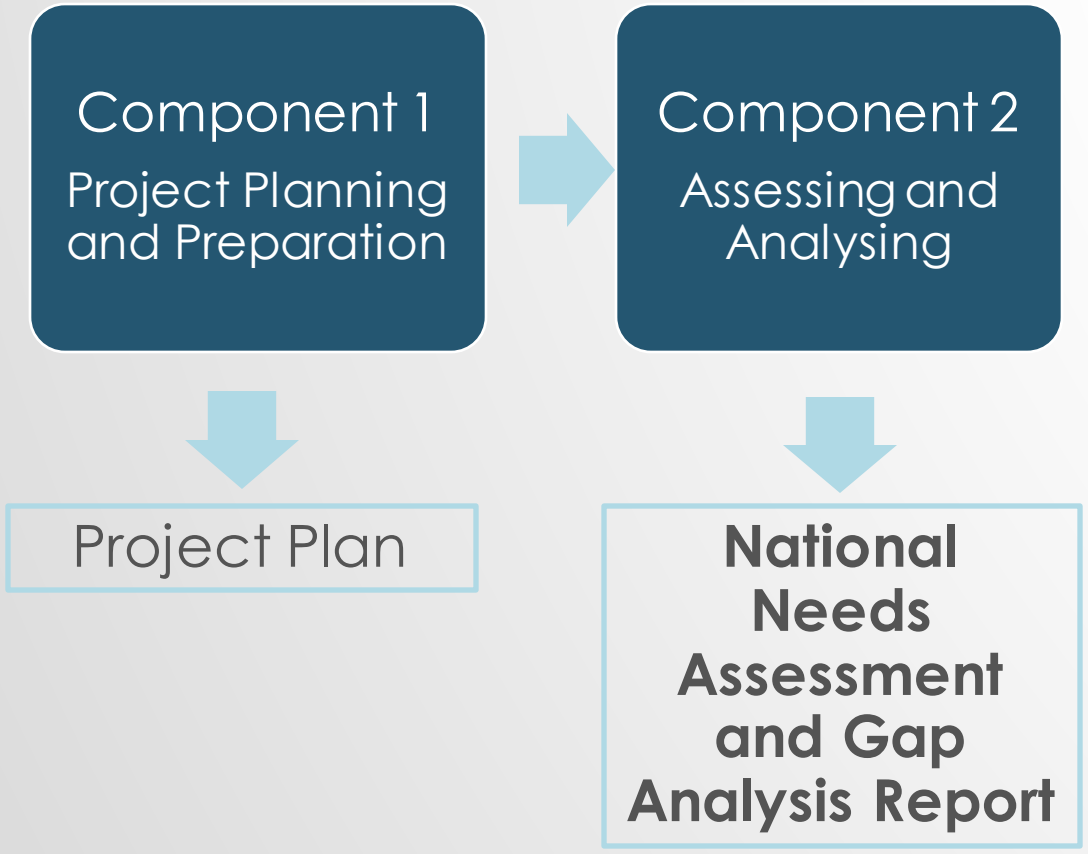
Water and health



Trade

Resource security

UN approach to Country Action Plan development

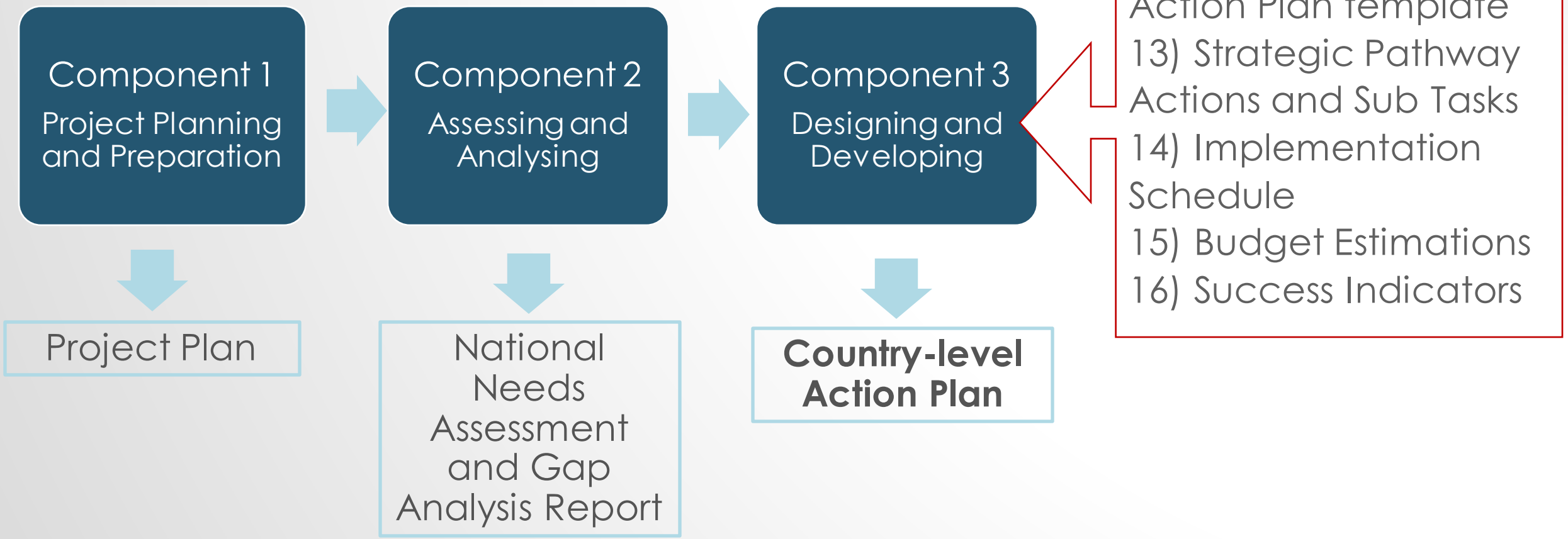


4) Current and Desired (or Future) Situation Assessment
5) Baseline Survey
6) Environmental Scanning and Analysis (understanding national situation)
7) Stakeholder Engagement Workshop
8) Strategic Alignment (and Benefits) Exercise
9) Vision, Mission and Goals
10) Gap Analysis Matrix
11) Needs Assessment and Gap Analysis Report

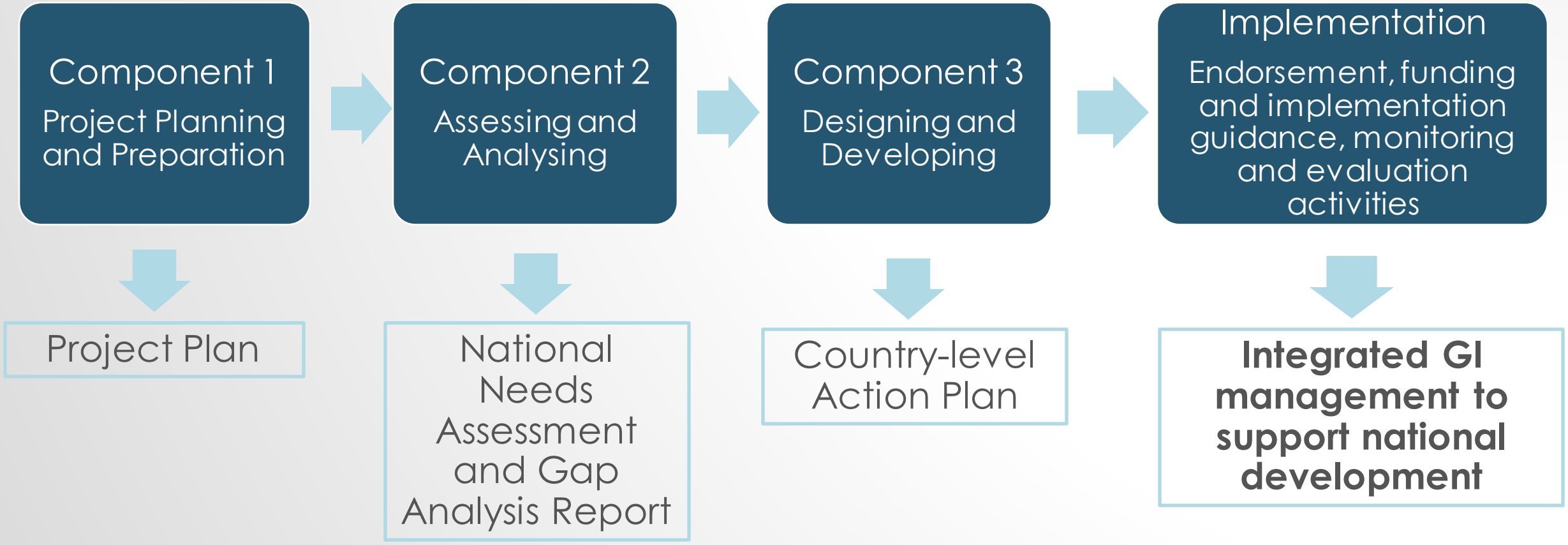
Impulsores estratégicos	Evidencia de la prioridad estratégica del gobierno	Tema geoespacial	Beneficio de la información geoespacial	Situación actual	Prioridad de inversión
Ejemplo **Lograr una mejor prestación de servicios desde la perspectiva de un ciudadano**	Estrategia de Administración Electrónica 2017-2025 La estrategia tiene como objetivo simplificar la entrega de información y ciudadanos p insatisfacción fragmentada	Información accesible	El acceso a la información geoespacial permite a los usuarios completar una interacción con el	La información geoespacial no es accesible actualmente No existe una política	Alto
Ejemplo **Reducir la incidencia de los desplazamientos urbanos**	Plan de Gestió 2020 El Plan tiene como objetivo reducir las inundaciones en las zonas urbanas al poder predecir las áreas de vulnerabilidad a las inundaciones y hacer planes para garantizar la seguridad pública.	Modelosde riesgo de inundación	comprender el riesgo para los seres humanos y la infraestructura. Requerido para el desarrollo urbano y la planificación de inversiones	eas urbanas no está disponible No existe un modelo digital de elevación de las zonas urbanas Se requiere el desarrollo de capacidades en LiDAR y DEM	Alto
Ejemplo **Reducir la contaminación de losmedios para proteger los futuros recursos hídricos**	Plan Maestro de Desarrollo de País hasta 2025 Uno de los objetivos es mejorar la calidad del agua potable. El plan establece las directrices y políticas para la gestión de residuos industriales con el fin de proteger el medio ambiente y garantizar la seguridad de la comunidad.	Monitoreo de la calidad del agua	Esencial para analizar cómo los residuos industriales afectanla calidad del agua y las comunidades aguas abajo.	Se desconoce la ubicación de la actividad industrial a lo largo de las vías fluviales. No haysensores de calidad Se requiere la creación de capacidad para mantener y utilizar los datos Se requieren permisos y	Alto

Explanation, methodology, tools and templates for all tasks

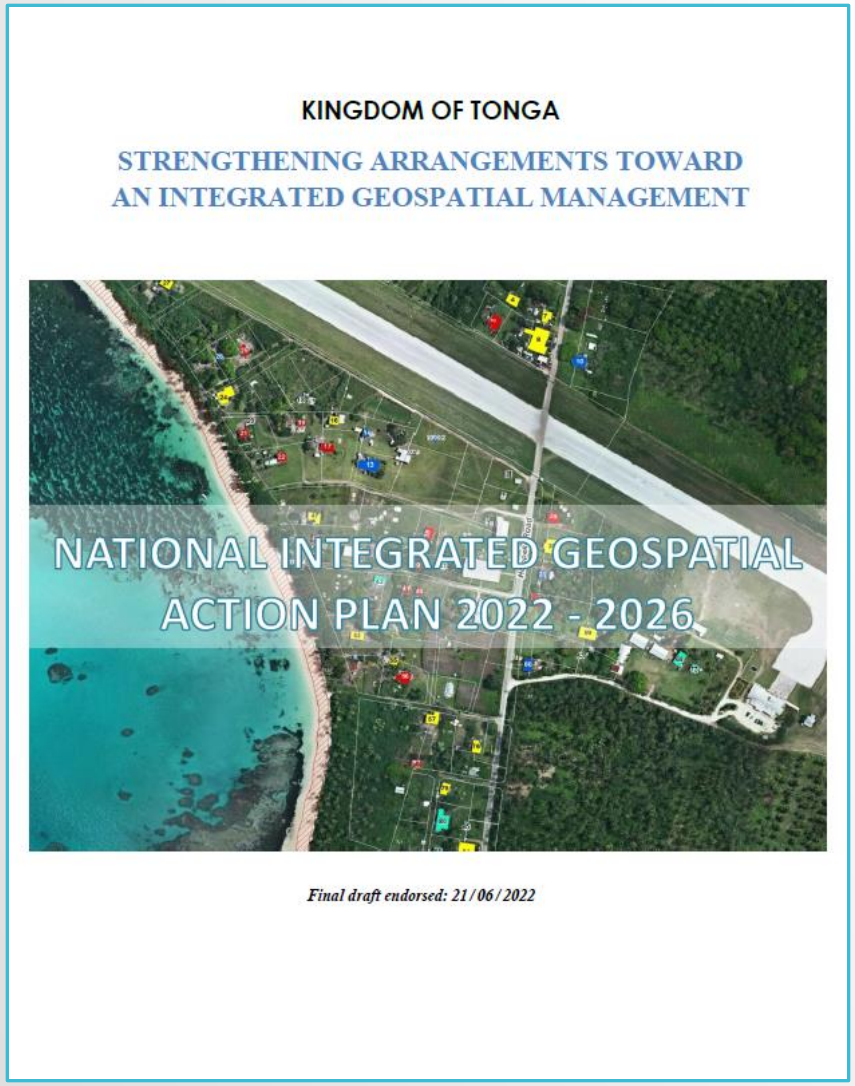
UN approach to Country Action Plan development



UN approach to Country Action Plan development



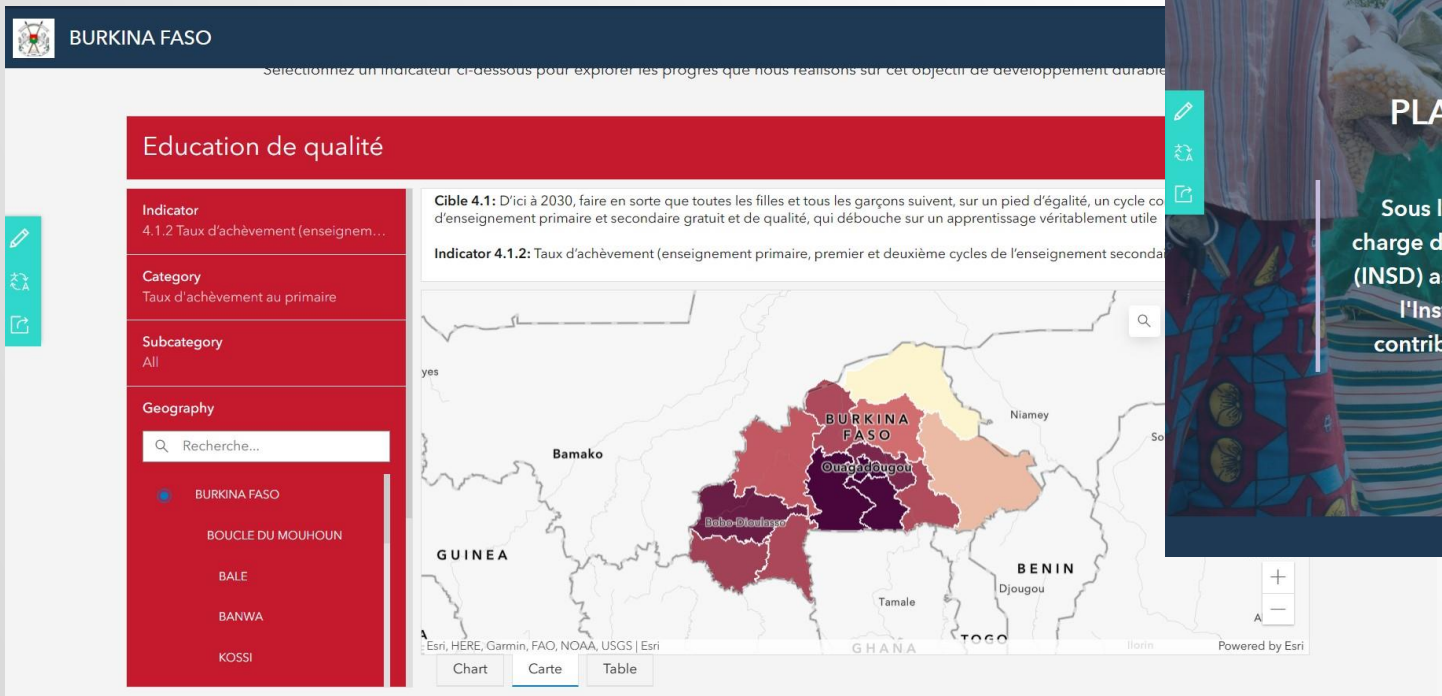
Lessons



- UN IGIF as a framework is working.
- Country-led, country-delivered – it works.
- Greater link to implementation guide.
- National not institutional.
- Importance of Engagement.
- Range of Stakeholders.
- Senior 'buy-in'.
- CAP is a plan - think of implementation
- Disaggregated SDG statistics
- Project team resources and time
- Learning by doing
- Ownership

The SDG Data Alliance has two key deliverables (2)

(2) The country develops a **national SDG Data Hub t**o enable monitoring of achievement of the SDGs by goal, target, and indicator. (This is initiated at a point when the action plan development is sufficiently progressed).



SDG Data Alliance Resource Team

- Guidance as countries conduct the tasks towards their UN IGIF country-level action plan .
- Provide and explain the tools, templates and other task material.
- Help resolve issues and give feedback on completed tasks.
- Support workshops.
- Provide specific training.
- Coordinate and deliver learning opportunities.
- When ready, guide and support deployment of SDG Data Hubs.
- Support the progress from country-level action plan to implementation.
- Support countries gain value from SDG Data Hubs

SDG DATA ALLIANCE

SDG Data Alliance Workshops, Aug 17-18 Cape Town, South Africa

Capacity development and knowledge transfer elements of the UN-GGIM Africa and ICC meetings.

Country experiences

Enabling African Member States to accelerate the implementation of national UN-IGIF Country-level Action Plans and the deployment of SDG data hubs.

SDG DATA ALLIANCE

https://www.sdg.org

UN·IGIF
INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK

https://ggim.un.org/igif

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