SDG DATA ALLIANCE

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.

Antonio Guterres, United Nations Secretary General

SDG DATA ALLIANCE

THE PARTNERS

esri THE SCIENCE OF WHERE

PVBLIC FOUNDATION

W.K. KELLOGG FOUNDATION

chia

SDG DATA ALLIANCE

SDG Data Alliance

Based on the foundational principle of reducing inequalities of all kinds, the W.K. Kellogg Foundation, Esri, PVBLIC Foundation, the United Nations Department of Economic and Social Affairs (DESA), the UN Statistical Division (UNSD) joined forces in 2021 to form **the SDG Data Alliance**.

Using the power of purpose-driven collaboration and leading GIS technology, this influential group of partners **will accelerate achievement of the SDGs** by creating 20 **SDG Data Hubs** across developing nations in Latin America, Asia, and Africa.

THE PROJECT HAS TWIN TRACKS

- Selected countries develop their **Country Action Plans** using the IGIF approach to implement nationally integrated geospatial information management and strengthen geospatial information management nationally.
  - (In the case of DA11 countries, to **complete, communicate and start the implementation of those plans**)
- Develop **national SDG Data Hubs**.
  - (At a point when the action plan development is sufficiently progressed)
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  - Leverage and strengthen in-country expertise
  - Address national and global SDG reporting requirements
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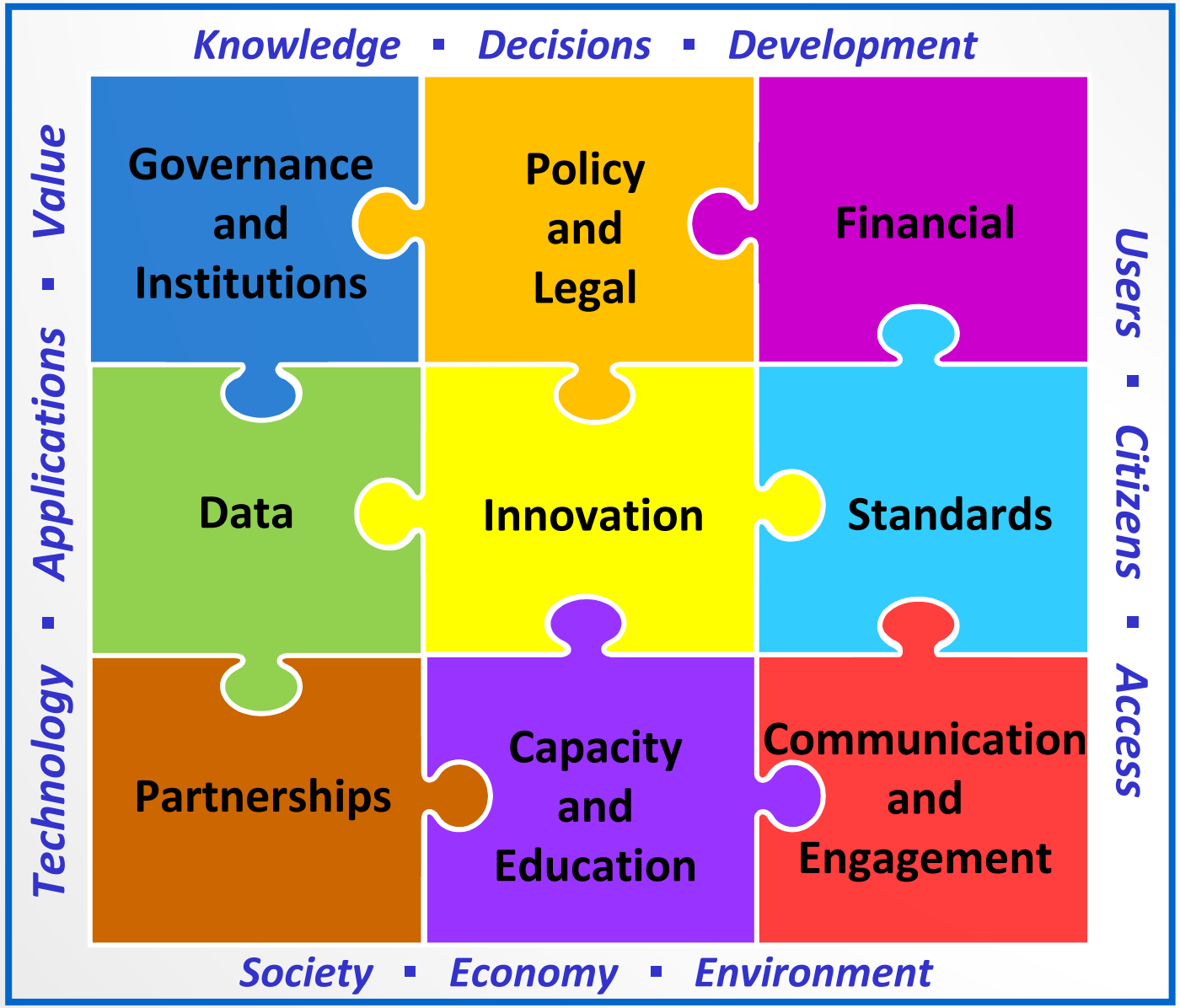
INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (IGIF)

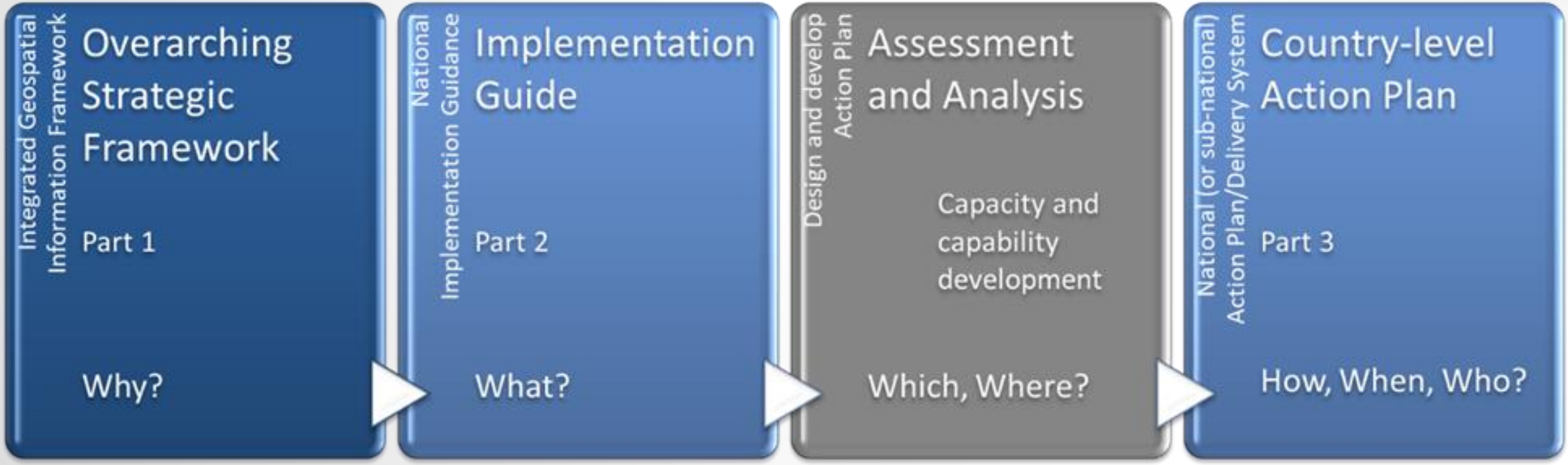
The Integrated Geospatial Information Framework (IGIF) provides a basis and guide for developing, integrating, strengthening and maximizing geospatial information management and related resources in all countries. It will assist countries in bridging the geospatial digital divide, secure socio-economic prosperity, and to leave no one behind

https://ggim.un.org/IGIF

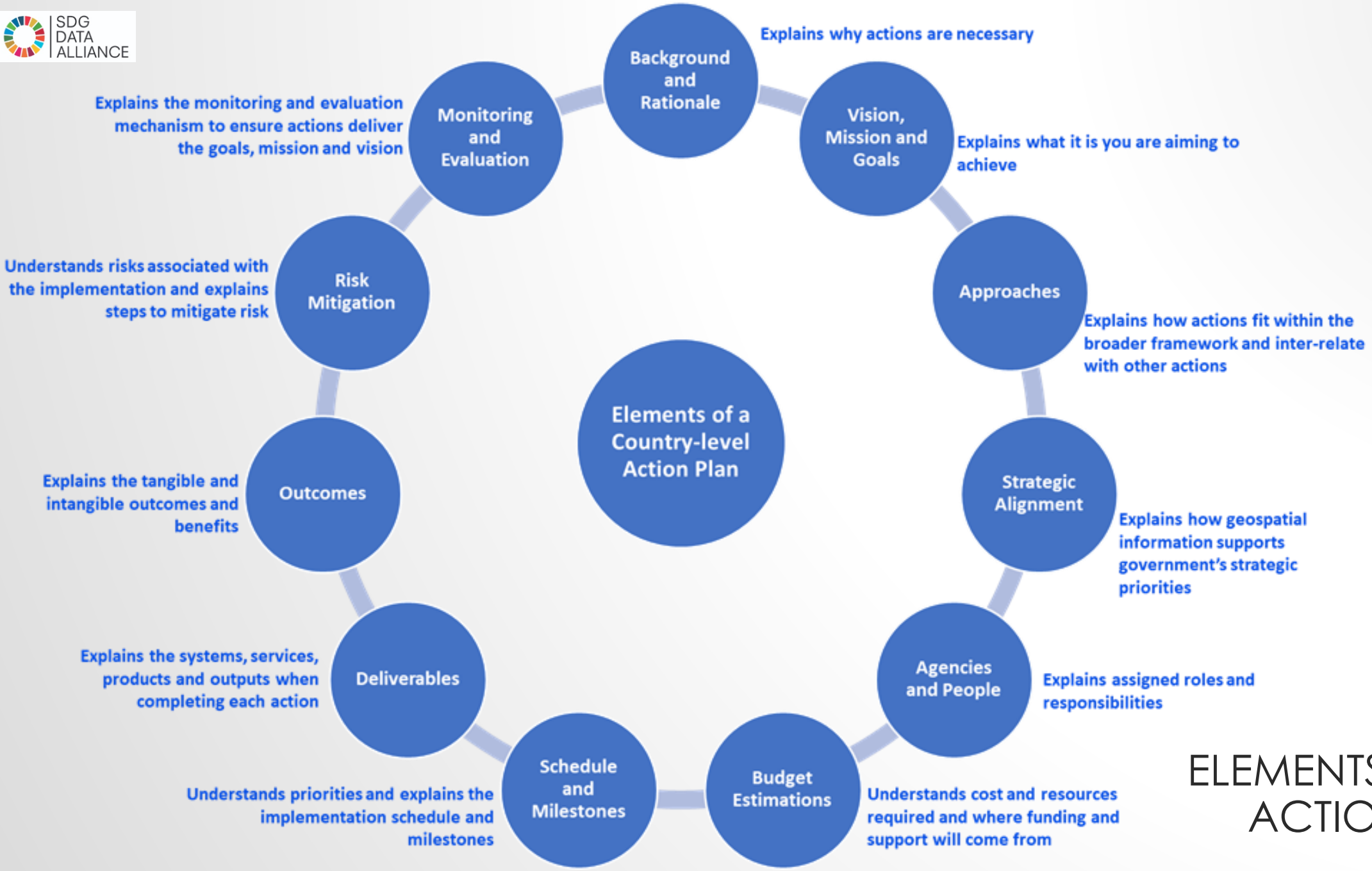
THE 9 IGIF PATHWAYS



USING IGIF TO DELIVER COUNTRY LEVEL ACTION PLAN

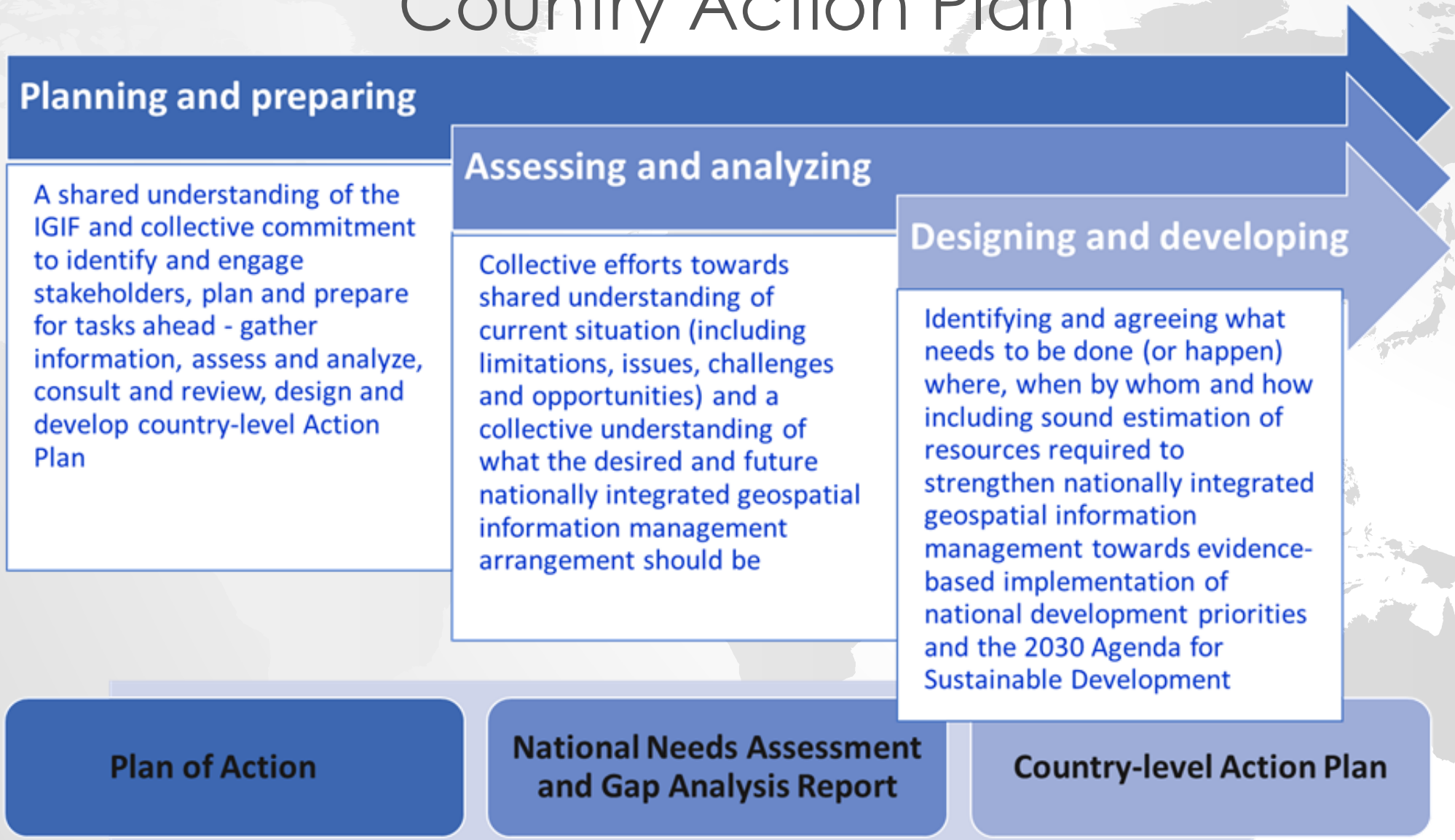


SDG DATA ALLIANCE



ELEMENTS OF AN ACTION PLAN

UN GGIM Approach to development of Country Action Plan



Self-paced through learning and discovery together with capacity and capability development - Methodological, incremental and progressive

UN GGIM Country-led approach to development of Country Action Plan

Component One – Planning and preparing

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

Component Two – Assessing and analyzing

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

Component Three – Designing and developing

12) Strategic Pathway Actions and Sub Tasks
13) Implementation Schedule
14) Budget Estimations
15) Success Indicators
16) Country-level Action Plan

High-level Project plan

National needs assessment and gap analysis report

Country-level action plan

PHILOSOPHY

Country led, country delivered

Capacity Building

Support into Country-level Action Plan impmenetation

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RECOMMENDED TASK 3: HIGH-LEVEL ACTION PLAN

Purpose. To identify the project scope and schedule for the tasks to be undertaken for the preparation and development of a country-level Action Plan.

RECOMMENDED TASK 3: HIGH LEVEL PROJECT PLAN

4. Método

Utilizando la siguiente tabla, estimar las fechas probables de inicio y finalización de cada una de las dieciséis tareas recomendadas y ajustar el número estimado de días de trabajo/tiempo de lapso cuando corresponda. El "tiempo de lapso" es la duración estimada, en días, de la tarea.

COMPONENTE UNO: PLANEACIÓN Y PREPARACIÓN			
Tareas recomendadas	Fecha	Recursos/ Material de Referencia	Trabajo estimado (Días/lapso de tiempo)
1. Reunión de inicio del proyecto y evaluación de las necesidades previas			
2. Identificación y análisis de las partes interesadas			
3. Componente dos del plan de acción: Evaluación y análisis			
Componente dos: Evaluación y análisis			
4. Evaluación de la situación actual y deseada (o futura)			
5. Encuesta de referencia			
6. Escaneo y análisis ambiental			
7. Taller de participación de las partes interesadas			
8. Alineación estratégica (y beneficios			
9. Visión, misión y metas			
10. Matriz de análisis de brechas			
11. Evaluación de necesidades e Informe de análisis de brecha			
Componente tres: Diseño y desarrollo (plan de acción a nivel de país)			
12. Plan de acción a nivel de país (formato)			
13. Acciones y sub-tareas de la vía estratégica			

Outline Project Plan

Define Country Project Team. The country project team is confirmed as follows: Project Manager: Project Members

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RECOMMENDED TASK 2: STAKEHOLDER IDENTIFICATION AND ANALYSIS

- *Step 1: Identify Stakeholders Categories*
- *Step 2: List Stakeholders*
- *Step 3: Conduct a Stakeholder Analysis*
- *Step 4: Produce a Stakeholder Communication Plan*

EXTRACT FROM TASK 2 TOOL

Table 2: Stakeholder Analysis Matrix

Stakeholder	**Contact Person**	**Impact**	**Influence**	**Importance**	**Collaboration Potential**	**Potential Blockers**	**Communication Method**
Name	*Phone, Email, Website Address*	*How much does Geospatial impact them (Low, Med, High)*	*How much influence do they have (Low, Med, High)*	*What is important to the Stakeholder*	*How can the stakeholder contribute to strengthening Geospatial Information Management*	*How could the stakeholder block progress*	*Strategy for engaging with the Stakeholder*
Survey Department	John Smith, Director General, jsmith@SD.gov, 0998 7765 453	High Impacts their customers and business	High Influence data capture priorities	The collection and management of high-quality geospatial data	Agree to abide by the recommended policies, standards and guidelines for managing and sharing information	Do not make data accessible potentially due perceived risks	Monthly round table discussion
Cabinet		Low	High Influence department budget and spending	Understanding the financial, legal and policy implications of geospatial information management		Do not support financing of initiatives	Cabinet submissions, reports
VGI Community		Medium	Low	Collectors of geospatial information	Participate in community mapping programs such as map-a-thons	Provide incorrect information	Media releases
Commercial Real Estate Agencies		Medium	Low	Selling properties and land via real estate websites and Mobile Apps	Exemplify the use of geospatial information – awareness raising	Do not choose to leverage geospatial information for business	6 monthly information sessions, information, blogs
University			High Strategic partner in education and				

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RECOMMENDED TASK 5: BASELINE SURVEY

- The objective of the Baseline Survey is to gather detailed information about the current geospatial information management ecosystem in a country. This information is an important part of the Needs Assessment and Gap Analysis as it helps to understand gaps in current capabilities.
- The questions are categorized according to the nine strategic pathways defined in the Integrated Geospatial Information Framework Part 1: Strategic Overview
- Because the baseline survey captures a particular point in time, it can be used to measure progress by conducting the survey again at a later date.

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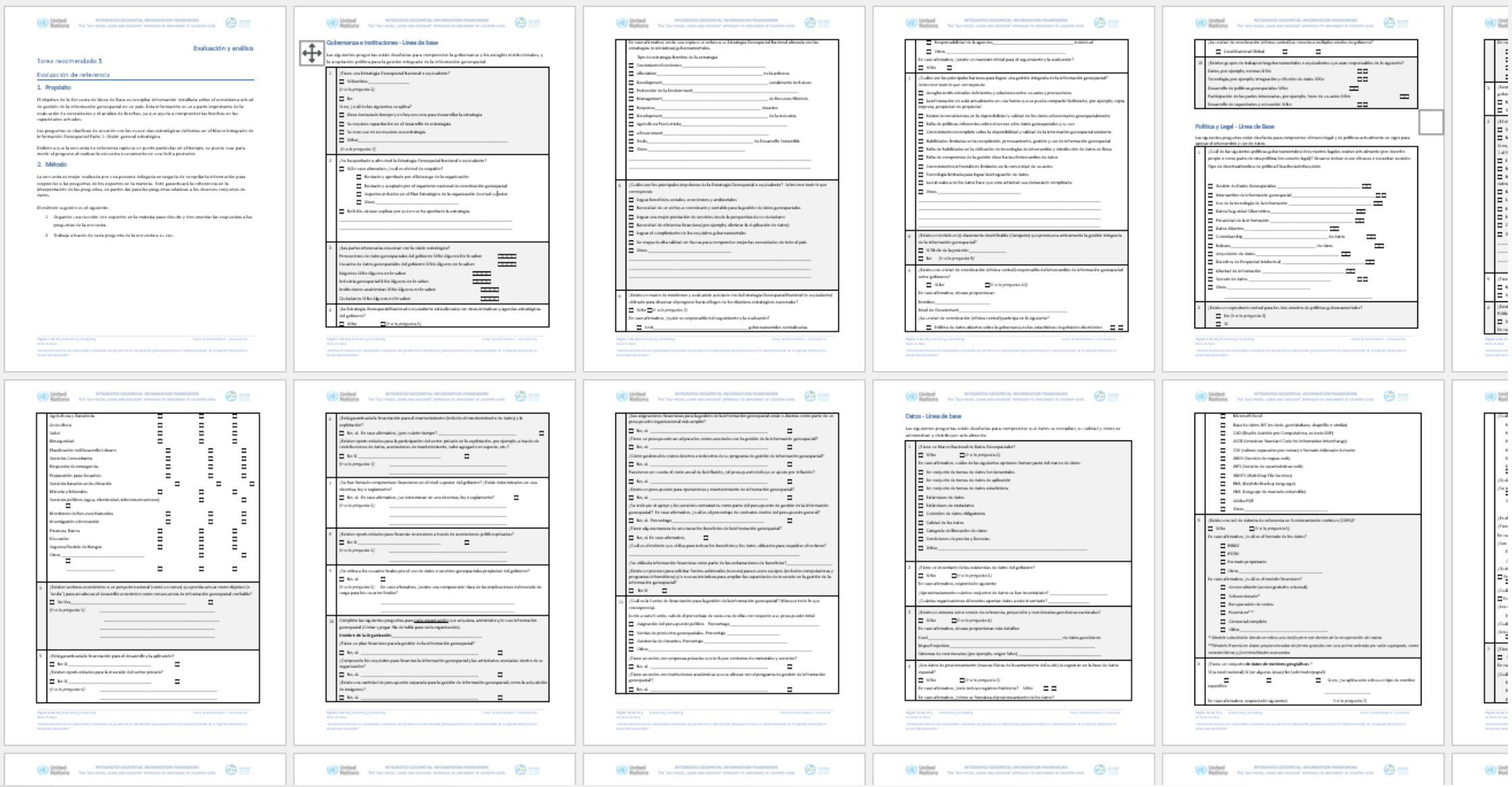

Evaluación y análisis

Tarea recomendada 5

Evaluación de referencia

1. Propósito

El objetivo de la Encuesta de línea de base es recopilar información detallada sobre el ecosistema actual de gestión de la información geoespacial en un país. Esta información es una parte importante de la evaluación de necesidades y el análisis de brechas, ya que ayuda a comprender las brechas en las capacidades actuales.

Las preguntas se clasifican de acuerdo con las nueve vías estratégicas definidas en el Marco Integrado de Información Geoespacial Parte 2: Hoja de ruta estratégica.

Debido a que la encuesta de referencia captura un punto particular en el tiempo, se puede usar para medir el progreso al realizar la encuesta nuevamente en una fecha posterior.

2. Método

La encuesta es mejor realizada por una persona delegada en nuestro país recopilar la información para responder a las preguntas de los expertos en la materia. Esto garantizará la coherencia en la interpretación de las preguntas, en particular para las preguntas relativas a los diversos conjuntos de datos.

El método sugerido es el siguiente:

1. Organice una reunión con expertos en la materia para discutir y documentar las respuestas a las preguntas de la encuesta.
2. Trabaje a través de cada pregunta de la encuesta a su vez.

Gobernanza e Instituciones - Línea de base

Las siguientes preguntas están diseñadas para comprender la gobernanza y los arreglos institucionales, y la aceptación política para la gestión integrada de la información geoespacial.

Política y Legal - Línea de Base

Las siguientes preguntas están diseñadas para comprender el marco legal y de políticas actualmente en vigor para apoyar el intercambio y uso de datos.

Datos - Línea de base

Las siguientes preguntas están diseñadas para comprender qué datos se recopilan, su calidad y cómo se administran y distribuyen actualmente.

Task 5 Methodology

- The survey is best performed by a delegated person/s tasked with gathering the information to answer the questions from subject matter experts. This will ensure consistency in the interpretation of the questions, particularly for the questions regarding the various datasets.
- The suggested method is as follows:

1. Set up a meeting with internal and external subject matter experts to discuss and document the answers to the survey questions.
2. Work through each survey question in turn.

SDG DATA ALLIANCE SUPPORT TO CAP

- Guidance as country's conduct the project tasks
- The necessary tools and templates you need to undertake all necessary project tasks.
- Review documents and the Country Action Plan
- When a country is ready, initiate SDG Data Hub implementation.
- Support undertaken remotely
- Regular Meetings with country project team
- Learning opportunities such as UN WGIC and Esri UC.

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1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS
SUSTAINABLE DEVELOPMENT GOALS

Reducing inequality (SDG 10) is the most important step countries can take to improve living standards

The technology, expertise and financial support of the SDG Data Alliance enable countries to allocate resources more accurately to address all forms of inequality, reducing inequalities of all kinds.

Included

-
- **Equity for women, reducing hunger**
- **Poverty reduction**
- **Improving access to safe drinking water**
- **Take action to reduce the impact of climate change**

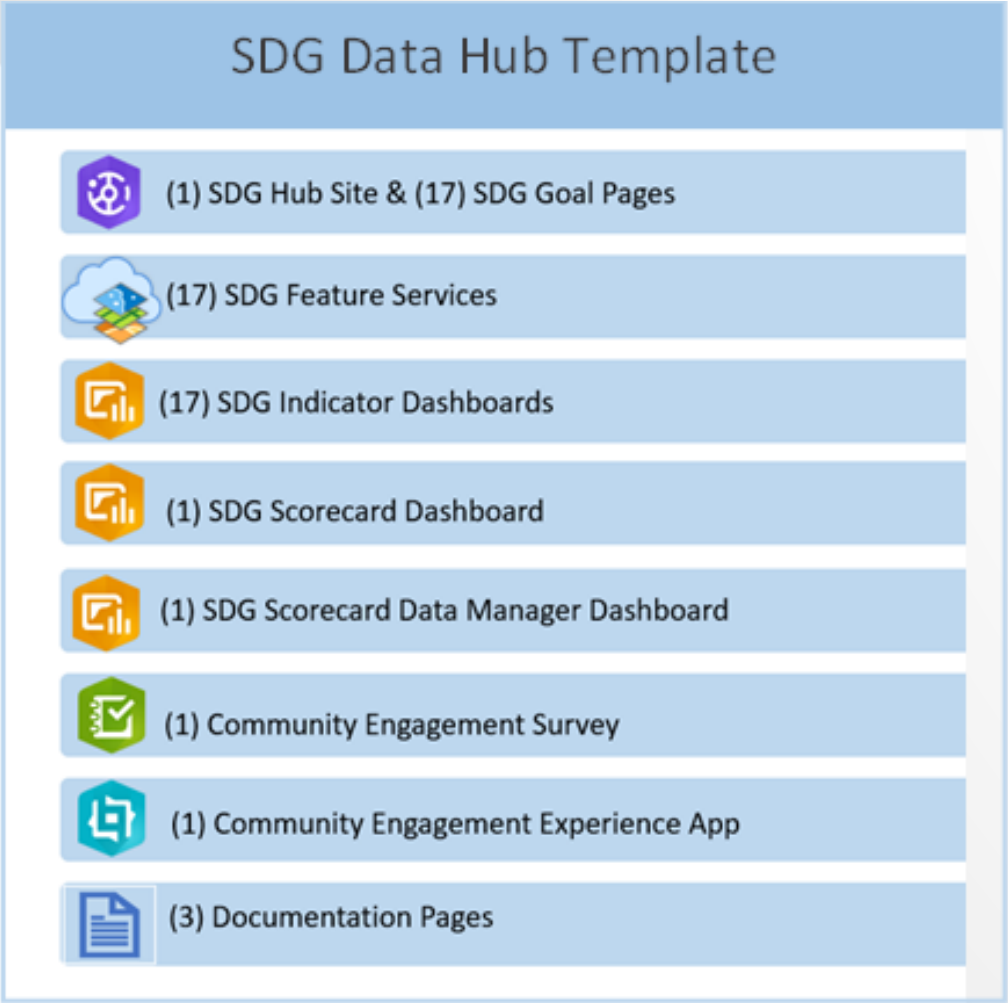
SDG DATA HUB SUPPORTING SDG DECISIONS

The 2030 Agenda is comprehensive, setting out 17 sustainable development goals (SDGs) containing 169 targets for nations to reach. SDG Data Hub stakeholders have been working with the United Nations Statistics Division and several Member States to build an open platform for sharing SDG data and maps about the status of SDG indicators for each country. This has involved implementing GIS technology to integrate relevant geospatial and statistical information and providing training and capacity-building focused on data sharing, transparency, and sustainability. With an SDG data hub, countries can see SDG indicator statistics on a geographical basis, understanding where to focus scarce resources to have greatest impact.

SDG DATA HUB (1)

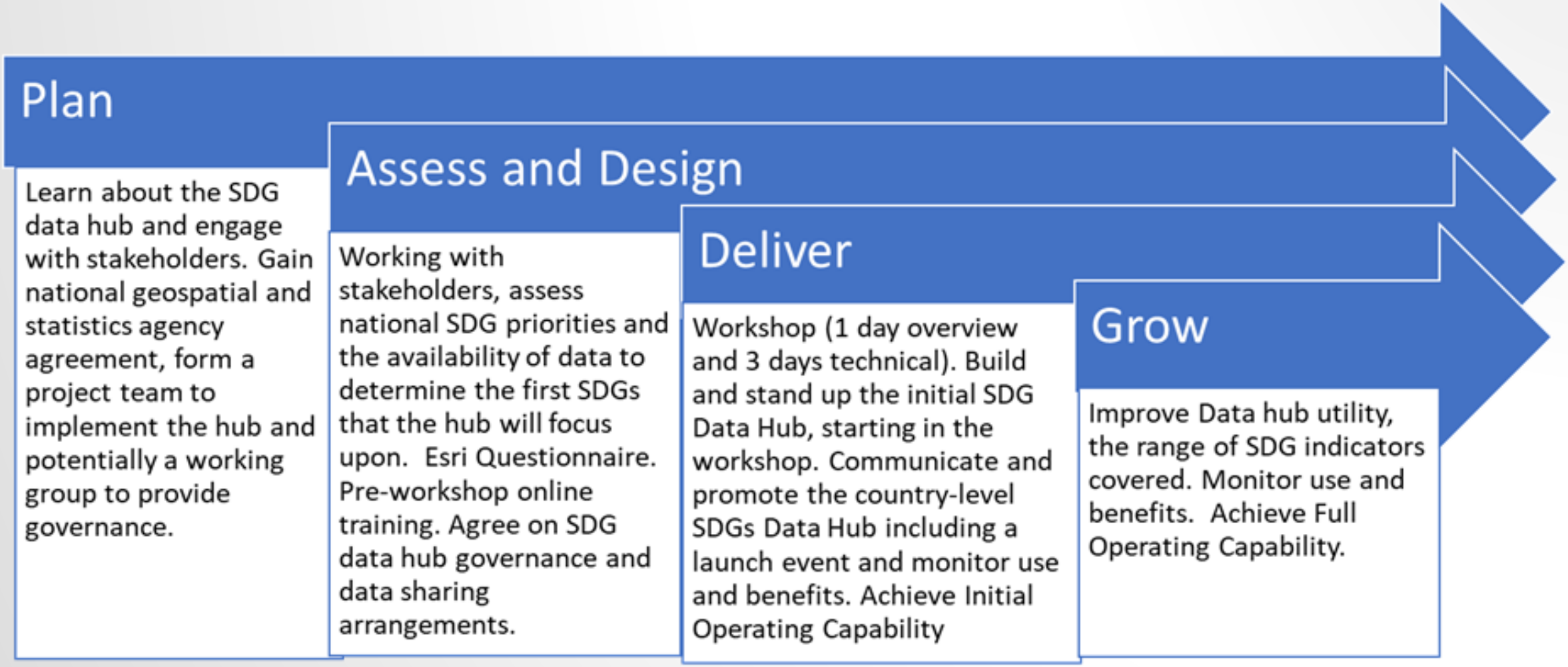
A SDG Data Hub is a platform to support reporting and monitoring progress towards achieving the SDGs. The SDG Data Hub Template comprises of one SDG Data Hub site which includes a series of 17 pages and 17 dashboards that can be populated with data related to each of 17 SDG goals. Additionally, it enables collaboration and community engagement through groups and applications such as surveys and Story Maps.

SDG DATA HUB (2)



An SDG Data Hub is configured using ArcGIS Hub and ArcGIS Online. ArcGIS Hub is an easy-to-configure cloud platform that organizes people, data, and tools to accomplish initiatives and goals. Together with ArcGIS Online, a complete cloud-based, collaborative content management system for geographic data, it provides an on demand, secure, and scalable infrastructure for discovering, assembling, storing, and publishing web accessible maps and data with full control over accounts including the ability to administer users, access levels, and storage.

SDG DATA HUB IMPLEMENTATION



SDG DATA ALLIANCE CURRENT COUNTRY-LEVEL ACTION PLAN COUNTRIES

- Cameroon
- Eswatina
- Ethiopia
- Fiji
- (Morocco)
- Mozambique
- Rwanda
- (Senegal)
- South Africa
- Burkina Faso
- Chile
- Guatemala
- The Honduras
- Panama
- Tonga
- (Tunisia)

LEARN MORE?

- Special Session #2B: Making the Difference - SDG Data Alliance, International Collaboration and Partnerships
- Thursday 0930 - 1100
- Hall 5, 6
- https://unwgic2022.in/special-session-2b.php

- And visit: www.sdg.org