INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK
THE 'SELF-PACED, LEARN AND DISCOVER' APPROACH TO IMPLEMENT AT COUNTRY-LEVEL

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ASSESSING AND ANALYZING

RECOMMENDED TASK **10**

GAP ANALYSIS MATRIX

1. Purpose

The Gap Analysis Matrix is used to organize information so that it is simpler to identify the major activities required to address the gaps in capability.

2. Method

The Gap Analysis Matrix is divided into nine [9] tables – one for each IGIF Strategic Pathway.

Each table has five [5] columns.   These columns are to be populated from information gathered previously as part of your previous investigation and analysis work. The columns to be filled-in are:

- **Elements** – These are the IGIF strategic pathway elements and are your guide to the themes of activities to be identified in each table.

- **Current Situation (Challenges)** – This information is derived from the PEST and SWOT Analysis tools, interviews and literature. Refer to the PEST and SWOT Analysis conducted during the Stakeholder Workshop.

- **Desired Future** – the statements in this column reflect the goals that you are endeavoring to achieve

- **Assessed Gap** - Refer to IGIF Part 2 Implementation Guide for assistance.

- **Possible Strategies** – This is a list of activities to be included in the Country Action Plan in order to overcome the gaps in current capability in order to achieve your desired future. The sub-tasks will be defined later.

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1. Governance and Institutions

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Governance Model Leadership Value Proposition Institutional Arrangements	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature as well as the strategic alignment study (Task #8) *Examples are:* *Lack of understanding about the value of geospatial information* *Geospatial Information is not accessible* *There is no mandate for data sharing* *Weak link or communication gap between the political/ policy level and geospatial information expertise* *Uncoordinated planning, design and implementation of development projects* *Fragmented/siloed institutions*	Goals to be developed for each dimension or use the Strategic Pathway Objectives.	Refer to IGIF Part 2 Implementation Guide for assistance. *For example:* *There is a need to determine best approach of championing the importance of geospatial information – for example, through an Executive Order or sponsored legislation.* *There is a requirement for governance mechanism for the coordination of geospatial information management that facilitates cross-agency coordination and cooperation.* *There is a need for a strategy to deliver the leadership, roles and responsibilities and guidance across all levels of government.*	List the strategies and activities to be included. *Examples are:* *Appoint steering committee* *Establish Coordination Unit and specialist working groups* *Develop Geospatial Strategy* *Implement Governance Model* *Implement Reporting Framework*

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2. Policy and Legal

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Legislation Policies, Norms and Guides Data Protection, Licensing and Sharing Governance and Accountability	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension based on national circumstances.	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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Recommended Task 10 – Gap Analysis Matrix

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3. Financial

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Business Model Opportunities Investment Benefits Realization	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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4. Data

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Data Themes Custodianship, Acquisition and Management Data Supply Chains Data Curation and Delivery	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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5. Innovation

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Technological Advances Process Improvement Innovation and Creativity Bridging the Geospatial Digital Divide	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

6. Standards

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Standards Governance and Policy Technology and Data Interoperability Compliance Testing and Certification Community of Practice	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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7. Partnerships

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Cross-sector and Interdisciplinary Cooperation Private Sector and Academia Collaboration International Collaboration Community Participation	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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8. Capacity and Education

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Awareness Formal Education Professional Training Entrepreneurship	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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9. Communication and Engagement

Elements	Current Situation (Challenges)	Desired Future	Assessed Gap	Possible Strategies
The following elements are to be considered Stakeholder and User Engagement Strategic Messaging Strategy, Plans and Methods Monitoring and Evaluation	To be derived from PEST and SWOT Analysis Report (Task #6), interviews and literature.	Goals to be developed for each dimension	Refer to IGIF Part 2 Implementation Guide for assistance.	List the strategies and activities to be included

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