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Assessing and Analyzing

Recommended Task 5

Baseline assessment

1. Purpose

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.

2. Method

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 subject matter experts to discuss and document the answers to the survey questions.

2   Work through each survey question in turn.

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Governance and Institutions - Baseline

The following questions are designed to understand the governance and institutional arrangements, and political buy-in for integrated geospatial information management.

1	Do you have a National Geospatial Strategy or equivalent? ☐ Yes Name:_____ *(Go to Question 2)* ☐ No If No, which of the following applies? ☐ Too time-consuming and there are no resources to develop the strategy ☐ Training in strategy development is required ☐ It is believed a strategy is not required ☐ Other_____ *(Go to Question 7)*

2	Has the National Geospatial Strategy or equivalent been endorsed at a high level?
	
	☐ Yes. If yes, what is the level of endorsement?
	
	  ☐ Reviewed and approved by organization leadership
	
	  ☐ Reviewed and accepted by the national geospatial coordination body
	
	  ☐ Aspects included in higher-level organization's Strategic Plan
	
	  ☐ Other _____
	
	☐ No If No, please explain why the strategy has not been endorsed.
	
	_____
	
	_____

3	Do stakeholders resonate with the strategic vision? Government geospatial data suppliers ☐ Yes ☐ No ☐ Some ☐ Don't know Government geospatial data users ☐ Yes ☐ No ☐ Some ☐ Don't know Businesses ☐ Yes ☐ No ☐ Some ☐ Don't know Geospatial Industry ☐ Yes ☐ No ☐ Some ☐ Don't know Academic Institutions ☐ Yes ☐ No ☐ Some ☐ Don't know Citizens ☐ Yes ☐ No ☐ Some ☐ Don't know
4	Is the National Geospatial Strategy or equivalent aligned with other government strategic initiatives and agendas? ☐ Yes ☐ No *(Go to Question 5)*

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	If yes, please send a copy or link to your National Geospatial Strategy aligned with government strategies (or initiatives).

      Strategy Type   Strategy Name

☐ Economic Growth   _____

☐ Poverty Alleviation   _____

☐ Socially Inclusive Development _____

☐ Protection of the Environment _____

☐ Water Resource Management _____

☐ Disaster Response   _____

☐ Industry Development   _____

☐ Agriculture Productivity   _____

☐ eGovernment   _____

☐ Sustainable Development Goals   _____

☐ Other   _____

_____

_____

5	What are the major drivers of the Geospatial Strategy or equivalent? *Select all that apply.*

☐ Achieve social, economic and environmental benefits

☐ Need for a coordinated and cost-effective approach to geospatial data management

☐ Achieve improved service delivery from a citizen's perspective

☐ Need for financial efficiency (e.g. remove data duplication)

☐ Achieve compliance to government requirements

☐ A seamless high-quality map to better understanding of nation-wide needs

☐ Other _____

_____

_____

_____

6	Is there a monitoring and evaluation framework associated with the National Geospatial Strategy (or equivalent) used to observe progress towards the achievement of National strategic objectives?

☐ Yes   ☐ No *(Go to Question 7)*

If yes, who is responsible for monitoring and evaluation?

    ☐ Centralised government unit_____

    ☐ Responsibility of individual agencies_____

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	☐ Other _____ If yes, is there a formal mandate for monitoring and evaluation? ☐ Yes ☐ No
7	What are the major barriers to achieving integrated geospatial information management? *Select all that apply.* ☐ Poor institutional arrangements and user/provider relationships ☐ Information is not currently in a form that can be easily shared e.g. hard copy, proprietary ☐ There are inconsistencies in the availability and quality of geospatially referenced data ☐ A lack of consistent policies concerning access to, and use of, geospatial data ☐ Incomplete knowledge about the availability and quality of existing geospatial information ☐ Limited skills in the collection, processing, management and use of geospatial information ☐ Lack of skills in the utilization of online data sharing and distribution technologies ☐ Lack of commitment from key management towards data sharing ☐ Limited computer literacy in user community ☐ Limited technology to accomplish data integration ☐ The nature of the data makes this activity too complicated ☐ Other _____ _____ _____ _____ _____
8	Is there a clearly identifiable individual(s) (Champion) actively promoting integrated geospatial information management? ☐ Yes Position Title:_____ ☐ No *(Go to Question 9)*
9	Is there a coordinating unit (central office) responsible for cross-government geospatial information sharing? ☐ Yes ☐ No *(Go to Question 10)* If yes, please provide: Name:_____ Level of Government_____ Is the Coordinating unit (central office) involved in the following? ☐ e-Government ☐ Statistics governance ☐ Open Data Policy Does the Coordinating unit (central office) connect to multiple levels of government? ☐ Local ☐ National ☐ Global

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10	Are there cross-government working groups or equivalent that are responsible for the following?		
	Data e.g. standards	☐ Yes	☐ No
	Technology e.g. data integration and dissemination	☐ Yes	☐ No
	Geospatial Policy Development	☐ Yes	☐ No
	Stakeholder Engagement e.g. User Forums	☐ Yes	☐ No
	Capacity Building and Education	☐ Yes	☐ No

Policy and Legal - Baseline

The following questions are designed to understand the legal and policy framework currently in place to support data sharing and use.

1	Which of the following government policies/legal documents currently exist (in their own right or as part of another policy/legal document)? Please indicate if they are effective or need revision.			
	Policy Type	**Policy Name**	**Effective**	**Revision Required**
	☐ Geospatial Data Management	_____	☐	☐
	☐ Geospatial Information Sharing	_____	☐	☐
	☐ Information Technology Use	_____	☐	☐
	☐ Data/Cyber Security	_____	☐	☐
	☐ Information Privacy	_____	☐	☐
	☐ Open Data	_____	☐	☐
	☐ Data Custodianship	_____	☐	☐
	☐ Data Release	_____	☐	☐
	☐ Data Acquisition	_____	☐	☐
	☐ Intellectual Property Rights	_____	☐	☐
	☐ Freedom of Information	_____	☐	☐
	☐ Data Secrecy	_____	☐	☐
	☐ Other _____			
	_____			

2	Is there a central repository for government policy documents?
	☐ No *(Go to Question 3)*
	☐ Yes
	If Yes, does it have the following:
	☐ A Policy Register
	☐ Communication Strategy

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	☐ Compliance Auditing
	☐ Policy Compliance Measure
3	Is there a policy or legal document that encourages or mandates data sharing between government agencies? ☐ No *(Go to Question 4)* ☐ Yes. Document Title:_____
4	Is the policy/legal document utilized and well supported by government agencies? ☐ Yes *(Go to Question 5)* ☐ No If No, which of the following reasons best explain why the policy is unsupported. Please number from 1 to 9, where 1 is the most likely reason and 9 the least reason for lack of compliance. ☐ Purpose of the data sharing policy is unclear ☐ Limited level of awareness that the data sharing policy exists ☐ There are no processes within organisation to enable compliance with data sharing policy ☐ There is no technology in place to enable compliance with data sharing policy ☐ Organisation culture does not support data sharing ☐ Lack of skills in the utilization of online data sharing and distribution technologies ☐ Lack of commitment from key management towards data sharing ☐ Limited computer literacy in user community ☐ Other _____ _____ _____ _____
5	Do you have a Licensing and Pricing Framework? ☐ No *(Go to Question 6)* ☐ Yes Name:_____
6	Is there a National classification system under which data is to be released? For example Public Access, Restricted Access and Confidential. ☐ Yes ☐ No *(Go to Question 7)* If yes, do organisations comply with the classification system? _____
7	Does the government have a National Open Data Policy? ☐ Yes ☐ No *(Go to Question 8)* If yes, what percentage of government data sets are available in the public domain?_____ ☐ All (100%) ☐ Most (75%) ☐ Half

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☐ Some (30%)	☐ Few (less than 15%)	☐ None

8	Do organizations typically use a Pricing Model that specifies fees and charges for data?

☐ Yes ☐ No

If yes, which of the following pricing categories may apply? _____

☐ Free

☐ Cost Recovery (where production costs recouped)

☐ Subsidized (where a fee is charged but is less than cost recovery)

☐ Extract and delivery charges only

☐ Freemium (free of charge with a premium for value adding and advanced features)

☐ Other _____

_____

Financial – Baseline

The following questions are designed to understand the financial arrangements, business model and investment needs for integrated geospatial information management.

1	Is there an overall business model for the development, implementation, maintenance and exploitation of the National Geospatial Information Management framework?

☐ No *(Go to Question 2)*

☐ Yes, Document Title:_____

2	Is there a clear understanding by decision-makers of the societal and economic benefits of geospatial data?

☐ No ☐ Yes

3	Which sectors are most positively affected now, and which sectors could see significant growth as a consequence of using geospatial data?

Sector	Considerable Growth	Some Growth	Potential Growth
Environment Protection	☐	☐	☐
Transportation	☐	☐	☐
Agriculture and Farming	☐	☐	☐
Aquiculture	☐	☐	☐
Health	☐	☐	☐
Biosecurity	☐	☐	☐
Urban Development Planning	☐	☐	☐
Community Services	☐	☐	☐
Emergency Response	☐	☐	☐

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Disaster Preparedness	☐	☐	☐
Location-based Services	☐	☐	☐
Mining and Minerals	☐	☐	☐
Utilities (water, electricity, telecom)	☐	☐	☐
Natural Resource Monitoring	☐	☐	☐
Research and Innovation	☐	☐	☐
Finance, Banking	☐	☐	☐
Education	☐	☐	☐
Insurance/Risk Management	☐	☐	☐
Other _____	☐	☐	☐
_____	☐	☐	☐

4	Are there economic sectors or a national project (such as a census) that could act as a target (or "anchor") to spearhead economic development as a consequence of reliable geospatial information?
	☐ No ☐ Yes _____
	(Go to question 5) _____
	_____
	_____
	_____

5	Is finance secured for development and implementation?
	☐ No ☐ Yes _____
	Are there opportunities for private sector investment?
	☐ No ☐ Yes _____
	(Go to Question 6) _____
	_____

6	Is finance secured for maintenance (including data maintenance) and exploitation?
	☐ No ☐ Yes. If yes for how long? _____
	Are there opportunities for private sector involvement in the exploitation e.g. through data contributions, maintenance partnership, in-kind value-adding etc.?
	☐ No ☐ Yes _____
	(Go to Question 7) _____
	_____

7	Have financial commitments been signed off at the top level of government? Are they determined in a directive, law or regulation?

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	☐ No ☐ Yes. If Yes, are they determined in a directive, law or regulation *(Go to Question 5)* _____ _____ _____
8	Are there opportunities to finance investments through public-private partnerships? ☐ No ☐ Yes _____ *(Go to Question 5)* _____ _____
9	Are end-users charged for the use of government owned geospatial data or services? ☐ No ☐ Yes. *(Go to Question 5)* If Yes, is there a clear understanding of the implications of the charging model to end-users? _____ _____
10	Complete the following questions for each organization that acquires, manages and/or curates geospatial information (Cut and paste table row for each organization). **Name of Organisation**_____ Do you have a financial plan for geospatial information management? ☐ No ☐ Yes. _____ Do you have an understanding of the requirements for financing geospatial information and associated activities within your organization? ☐ No ☐ Yes. _____ Is there a separate budget amount for geospatial information management, such as imagery acquisition? ☐ No ☐ Yes. _____ Are the financial allocations for geospatial information management covered as part of a larger organizational budget? ☐ No ☐ Yes. _____ Do you have an annual budget for costs associated with managing geospatial information? ☐ No ☐ Yes. _____ How do you manage the direct and indirect costs of your geospatial information management program? ☐ No ☐ Yes. _____ To account for the annual cost of inflation, does the budget include an adjustment for inflation? ☐ No ☐ Yes. _____ Is there a budget for geospatial information operations and maintenance? ☐ No ☐ Yes. _____

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	Are contracted support and services included as part of the geospatial information management budget? If so, what is the percentage of contracts within the overall budget?
	☐ No ☐ Yes. Percentage_____
	Do you have a way to enumerate the benefits of geospatial information?
	☐ No ☐ Yes. If yes,
	What is the method you use to indicate the benefits and is data used to back up the claim?
	_____
	Is financial information used as part of the benefit claims?_____
	Is there a process for requesting additional (new) funding for new equipment (including computers and software) and/or new initiatives for expanding the capabilities of investing in geospatial information management?
	☐ No ☐ Yes
11	What is the source of funding for geospatial information management? (Tick all that apply).
	Next to each source, please estimate the percentage of each toward your total budget
	☐ Government budget allocation. Percentage_____
	☐ Sales from geospatial products. Percentage _____
	☐ Donor assistance. Percentage _____
	☐ Other_____
	Do you have agreements with private companies including contracts for materials and services?
	☐ No ☐ Yes. _____
	Do you have agreements with academic institutions that align with the geospatial information management program?
	☐ No ☐ Yes. _____

Data - Baseline

The following questions are designed to understand what data is collected, its quality and how it is currently managed and distributed.

1	Do you have a National Geospatial Data Framework?
	☐ Yes ☐ No *(Go to Question 2)*
	If Yes, which of the following are part of the Data Framework
	☐ A set of fundamental data themes
	☐ A set of application data themes
	☐ A set of statistical data themes
	☐ Data standards
	☐ Metadata standards

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	☐ Mandated data custodians ☐ Data Quality ☐ Data Release Category ☐ Pricing and Licensing Conditions ☐ Other_____
2	Do you have an inventory of government data holdings? ☐ Yes ☐ No *(Go to Question 3)* If yes, please answer the following: Approximately how many datasets have been inventoried? _____ How many different organisations contribute data to this inventory? _____
3	Is there a common single national geodetic datum reference, projection and coordinate system? ☐ Yes ☐ No *(Go to Question 4)* If yes, please provide more details: Geodetic Datum Used_____ Map Projection_____ Coordinate Systems (e.g. false origin) _____
4	Is positioning data (physical ground survey marks) recorded in spatial database? ☐ Yes ☐ No *(Go to Question 5)* If yes, does this include historical records? ☐ Yes ☐ No If yes, how is Positioning Data formatted? ☐ Microsoft Excel ☐ GIS database (i.e. Geodatabase, shapefile, or similar) ☐ CAD (Computer Aided Design i.e. DXF) ☐ ASCII (American Standard Code for Information Interchange) ☐ CSV (Comma Separated Values) or Text Delineated Format ☐ WMS (Web Map Service) ☐ WFS (Web Feature Service) ☐ WMTS (Web Map Tile Services) ☐ KML (Keyhole Markup Language) ☐ XML (Extensible Markup Language) ☐ Adobe PDF ☐ Other _____
5	Is there a Continually Operating Reference System (CORS) Network?

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☐ Yes ☐ No *(Go to Question 6)*

If Yes, what is the format of the data?

☐ RINEX

☐ RTCM

☐ Proprietary format

☐ Other _____

If yes, what is the Financial Model

☐ Open-access (universal free access)

☐ Subsidised*

☐ Cost Recovery

☐ Freemium* *

☐ Full commercial

☐ Other_____

* Subsidised model – Where a fee is charged but falls under cost recovery

** Freemium model - data provided free of charge with a premium charged for value adding, such as advanced features and functionality

6	Do you have a **Geographic Names** dataset?

Yes (nationwide) Yes (in some areas) No (text/paper only)

☐ ☐ ☐ If No, does this apply to a specific name type only_____

If Yes, please answer the following: *(Go to Question 7)*

Which of the following features are collected?

Road Names	☐ Yes	☐ No
Administrative Area Names	☐ Yes	☐ No
Water Body Names	☐ Yes	☐ No
River and Stream Names	☐ Yes	☐ No
Landmark/Monument Name (Place of Interest)	☐ Yes	☐ No
Landform Names (Mountains, Hills, Ranges etc.)	☐ Yes	☐ No

Who is considered the primary data custodian_____

Are duplicate or similar names datasets collected? ☐ Yes ☐ No

If so, who are the secondary data custodians? _____

_____

Is geographic naming a core government function? ☐ Yes ☐ No

Do you have a national geographic names board to approve names? ☐ Yes ☐ No

If yes, does the board participate on the UNGEGN?" ☐ Yes ☐ No

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	Is the geographic names data accessible? ☐ Yes ☐ No
	If yes, how is the data accessed? _____
	How often is the data accessed? _____
	Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)
	☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community
	What is the primary source of geographic names data? (*tick all that apply*)
	☐ Official government source ☐ Crowdsourced ☐ Private Sector
	Is geographic names data collected according to a standard? ☐ Yes ☐ No
	If yes, what is the standard? _____
	What is the accuracy of geographic names data? _____
	Are geographic names linked to a spatial representation? ☐ Yes ☐ No
7	Do you have a **Street Address** dataset?
	☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only), *If No, go to Question 8*
	If Yes, please answer the following:
	Which of the following features are collected?
	House Number ☐ Yes ☐ No
	Building Name ☐ Yes ☐ No
	Street Name ☐ Yes ☐ No
	Locality Name (Parish, Town, City, Suburb etc.) ☐ Yes ☐ No
	Postcode ☐ Yes ☐ No
	Who is the primary data custodian _____?
	Are there duplicate or similar address datasets collected? ☐ Yes ☐ No
	If so, who are the secondary data custodians? _____
	_____
	Is street addressing a core government function? ☐ Yes ☐ No
	Is street address data accessible? ☐ Yes ☐ No
	If yes, how is the data accessed? _____
	How often is the data accessed? _____
	Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)
	☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community
	How is street address data sourced? (*tick all that apply*)
	☐ Official government source ☐ Crowdsourced ☐ Private Sector
	Is street address data linked to a land parcel? ☐ Yes ☐ No
	Is street address data linked to a building? ☐ Yes ☐ No
	Is street address data collected according to a standard? ☐ Yes ☐ No

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	If yes, what is the standard? _____
	Is street address data updated regularly? ☐ Yes ☐ No
	If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually
8	Do you have an **Administrative Area Boundary** dataset? ☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only) *If No,* does this apply to a specific boundary type only _____ *(Go to Question 9)* If Yes, please answer the following: Which of the following features are collected? Government Administrative Units ☐ Yes, Custodian_____ ☐ No School Zones ☐ Yes, Custodian_____ ☐ No Police Boundaries ☐ Yes, Custodian_____ ☐ No Other ☐ Yes, Custodian_____ ☐ No Are there duplicate or similar administrative boundary datasets? ☐ Yes ☐ No If yes, which ones? _____Custodian_____ _____Custodian_____ _____Custodian_____ Are administrative boundaries a core government function? ☐ Yes ☐ No Is administrative boundary data accessible? ☐ Yes ☐ No If yes, how is the data accessed? _____ How often is the data accessed? _____ Who are the primary users? (*number 1-5, where 1 is the highest ranked category*) ☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community How is administrative boundary data sourced? *(tick all that apply)* ☐ Official government sources ☐ Crowdsourced ☐ Private Sector IS there a standard for administrative are boundary data? ☐ Yes ☐ No If yes, what is the standard? _____ Is administrative boundary data updated regularly? ☐ Yes ☐ No If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually
9	Do you have a **Building Dataset**? ☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only) *If No, Go to Question 10* If Yes, please answer the following: Which of the following features are collected?

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Building Footprint	☐ Yes ☐ No
Building Points	☐ Yes ☐ No
Building Purpose e.g. residential. commercial	☐ Yes ☐ No

Who is the primary data custodian_____?

Are there duplicate or similar building datasets?	☐ Yes ☐ No

If so, who are the secondary data custodians? _____

_____

_____

Is building data a core government function?	☐ Yes ☐ No
Is building data accessible?	☐ Yes ☐ No

If yes, how is the data accessed?   _____

How often is the data accessed?   _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is building data sourced? *(tick all that apply)*

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

Are buildings linked to census information?	☐ Yes ☐ No
Is building data collected according to a standard?	☐ Yes ☐ No

If yes, what is the standard? _____

Is building data updated regularly?	☐ Yes ☐ No

If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually

What is the accuracy of building data? e.g. +/- 2metres _____

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10 | Do you have a **Settlements Dataset**?

☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
If No, Go to Question 11

If Yes, please answer the following:

Which of the following features are collected?

Settlement Boundary e.g. Built-up area	☐ Yes ☐ No
Settlement Points	☐ Yes ☐ No
Settlement Names	☐ Yes ☐ No

Who is the primary data custodian_____?

Are there duplicate or similar settlement datasets?	☐ Yes ☐ No

If so, who are the secondary data custodians? _____

_____

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_____

Is settlement data a core government function? ☐ Yes   ☐ No

Is settlement data accessible? ☐ Yes   ☐ No

    If yes, how is the data accessed?   _____

    How often is the data accessed?   _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is settlement data sourced? *(tick all that apply)*

    ☐ from official government sources   ☐ Crowdsourced   ☐ Private Sector

Are settlements linked to aggregated demographic data? ☐ Yes   ☐ No

Is settlement data collected according to a standard? ☐ Yes   ☐ No

    If yes, what is the standard? _____

Is settlement data updated regularly? ☐ Yes   ☐ No

    If so, to what frequency? ☐ daily   ☐ Weekly ☐ Monthly ☐ Annually

What is the accuracy of settlement data? e.g. +/- 2metres _____

| 11 | Do you have a **Land Parcel (cadastral boundary)** dataset? |

☐ Yes (nationwide)   ☐ Yes (in some areas)   ☐ No (text/paper only)
                                                                   If No, Go to Question 12

If Yes, please answer the following:

Which of the following features are collected?

    Parcel boundary ☐ Yes   ☐ No

    Surveyed boundary dimensions ☐ Yes   ☐ No

    Other _____

Who is the primary data custodian_____?

Are there duplicate or similar land parcel datasets? ☐ Yes   ☐ No

    If so, who are the secondary data custodians?   _____

                                                           _____

Is land parcel data a core government function?

    Local Government Function ☐ Yes   ☐ No

    National Government Function ☐ Yes   ☐ No

Is land parcel data accessible? ☐ Yes   ☐ No

    If yes, how is the data accessed?   _____

    How often is the data accessed?   _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

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☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is land parcel data sourced? *(tick all that apply)*

☐ Official government sources ☐ Crowdsourced ☐ Private Sector surveyors

Are land parcels linked to property street addresses?	☐ Yes	☐ No
Are land parcels linked to the land titles (ownership) register data?	☐ Yes	☐ No
Is land parcel data collected according to a regulation/guideline?	☐ Yes	☐ No

If yes, what is the regulation/guideline? _____

Is land parcel data updated regularly?	☐ Yes	☐ No

If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually

What is the accuracy of land parcel data? e.g. +/- 2metres _____

---

12 Do you have a **Transport** dataset?

☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)

If No, does this apply to a specific data type only_____

Is transport data a core government function? ☐ Yes ☐ No (*Go to Question 13*)

If Yes, who is the <u>primary</u> data custodian

Roads	☐ Yes, Custodian_____	☐ No
Rail	☐ Yes, Custodian_____	☐ No
Cycle	☐ Yes, Custodian_____	☐ No
Bus	☐ Yes, Custodian_____	☐ No
Pedestrian	☐ Yes, Custodian_____	☐ No
Airways	☐ Yes, Custodian_____	☐ No
Waterways	☐ Yes, Custodian_____	☐ No
Other	☐ Yes, Custodian_____	☐ No

Are there duplicate or similar transport datasets, and If so, who are the <u>secondary</u> data custodians?

Roads	☐ Yes, Custodian_____	☐ No
Rail	☐ Yes, Custodian_____	☐ No
Cycle	☐ Yes, Custodian_____	☐ No
Bus	☐ Yes, Custodian_____	☐ No
Pedestrian	☐ Yes, Custodian_____	☐ No
Airways	☐ Yes, Custodian_____	☐ No
Waterways	☐ Yes, Custodian_____	☐ No
Other	☐ Yes, Custodian_____	☐ No

Does transport data have a classification system e.g. road hierarchies?

☐ Yes, if so which data types_____ ☐ No

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Is transport data accessible? ☐ Publicly ☐ Gov. Only ☐ Restricted ☐ No

If yes, how is data accessed? ☐ Online ☐ Counter ☐ Email/ FTP Site

If yes, how often accessed? ☐ Rarely ☐ Frequently

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is transport data sourced? (*tick all that apply*)

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

Is transport data collected according to a standard? ☐ Yes ☐ No

If yes, what is the standard? _____

Is transport data updated regularly? ☐ Yes ☐ No

If so, to what frequency? Daily, weekly, monthly, annually

Roads	☐ Yes, Frequency_____	☐ No
Rail	☐ Yes, Frequency_____	☐ No
Cycle	☐ Yes, Frequency_____	☐ No
Bus	☐ Yes, Frequency_____	☐ No
Pedestrian	☐ Yes, Frequency_____	☐ No
Airways	☐ Yes, Frequency_____	☐ No
Waterways	☐ Yes, Frequency_____	☐ No
Other	☐ Yes, Frequency_____	☐ No

What is the accuracy of transport data? e.g. +/- 2metres

Roads	City_____	Rural_____	Remote_____
Rail	City_____	Rural_____	Remote_____
Cycle	City_____	Rural_____	Remote_____
Bus	City_____	Rural_____	Remote_____
Pedestrian	City_____	Rural_____	Remote_____
Airways	City_____	Rural_____	Remote_____
Waterways	City_____	Rural_____	Remote_____
Other	City_____	Rural_____	Remote_____

---

13 | Do you have any **Elevation Datasets**?

☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
If No, Go to Question 14

If Yes, please answer the following:

Which of the following are collected?

Digital Elevation Model (DEM) ☐ Yes ☐ No

Contours ☐ Yes ☐ No

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Spot Heights ☐ Yes ☐ No

Who is the primary data custodian_____?

Are there duplicate or similar elevation datasets? ☐ Yes ☐ No

   If so, who are the secondary data custodians? _____

   _____

   _____

Is elevation data a core government function? ☐ Yes ☐ No

Is elevation data accessible? ☐ Yes ☐ No

   If yes, how is the data accessed? _____

   How often is the data accessed? _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is elevation data sourced? *(tick all that apply)*

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

Is elevation data collected according to a standard? ☐ Yes ☐ No

   If yes, what is the standard? _____

Is elevation data updated regularly? ☐ Yes ☐ No

   If so, to what frequency? ☐ Monthly ☐ Annually ☐ Other_____

What is the accuracy of elevation data? e.g. +/- 2metres _____

14	Do you have any **Depth Datasets**?

   ☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
                                                    If No, *Go to Question 15*

If Yes, please answer the following:

Which of the following are collected?

   Bathymetry ☐ Yes ☐ No

   Soundings ☐ Yes ☐ No

Who is the primary data custodian_____?

   Are there duplicate or similar depth datasets? ☐ Yes ☐ No

   If so, who are the secondary data custodians? _____

   _____

Is depth data a core government function? ☐ Yes ☐ No

Is depth data accessible? ☐ Yes ☐ No

   If yes, how is the data accessed? _____

   How often is the data accessed? _____

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Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is elevation data sourced? *(tick all that apply)*

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

How is bathymetry data sourced? *(tick all that apply)*

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

Is bathymetry data collected according to a standard? ☐ Yes ☐ No

    If yes, what is the standard? _____

---

15 — Do you have any **Population Datasets**?

	Yes (nationwide)	Yes (in some areas)	No (text/paper only)
Census	☐	☐	☐
Other	☐	☐	☐

If No, *Go to Question 16*

If Yes, please answer the following:

Which of the following are collected?

Demographics	☐ Yes	☐ No
Household Information	☐ Yes	☐ No
Workforce Statistics	☐ Yes	☐ No
Diversity (Gender, disability, ethnicity)	☐ Yes	☐ No
Other (*Specify*) _____	☐ Yes	☐ No
Other (*Specify*) _____	☐ Yes	☐ No
Other (*Specify*) _____	☐ Yes	☐ No

Who is the primary data custodian_____?

Are there duplicate or similar population datasets? ☐ Yes ☐ No

    If so, who are the secondary data custodians? _____

                                             _____

                                             _____

Is population data a core government function? ☐ Yes ☐ No

Is population data accessible? ☐ Yes ☐ No

    If yes, how is the data accessed? _____

    How often is the data accessed? _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is population data sourced? *(tick all that apply)*

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☐ Official government sources   ☐ Crowdsourced   ☐ Private Sector

Is population data collected according to a standard?   ☐ Yes   ☐ No

    If yes, what is the standard? _____

Is population data updated regularly?   ☐ Yes   ☐ No

    If so, to what frequency? ☐ daily   ☐ Weekly   ☐ Monthly ☐ Annually

16	Do you have any **Land Cover and Land Use Datasets**?
	
	☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
	                                            If No, *Go to Question 17*
	
	If Yes, please answer the following:
	
	Which of the following are collected?
	    Vegetation Cover ☐ Yes ☐ No
	    Land Use ☐ Yes ☐ No
	Who is the primary data custodian_____?
	Are there duplicate or similar land cover and land use datasets? ☐ Yes ☐ No
	    If so, who are the secondary data custodians? _____
	                                                       _____
	                                                       _____
	Is land cover and land use data a core government function? ☐ Yes ☐ No
	Is land cover and land use data accessible? ☐ Yes ☐ No
	    If yes, how is the data accessed? _____
	    How often is the data accessed? _____
	Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)
	☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community
	How is land cover and land use data sourced? *(tick all that apply)*
	☐ Official government sources ☐ Crowdsourced ☐ Private Sector
	Is land cover and land use data collected according to a standard? ☐ Yes ☐ No
	    If yes, what is the standard? _____
	Is land cover and land use data updated regularly? ☐ Yes ☐ No
	    If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually

17	Do you have any **Geology and Soils Datasets**?
	
	☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
	                                            If No, *Go to Question 18*
	
	If Yes, please answer the following:
	
	Which of the following are collected?
	    Geology ☐ Yes ☐ No

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Soils ☐ Yes ☐ No

Minerals ☐ Yes ☐ No

Who is the primary data custodian_____?

Are there duplicate or similar geology and soils datasets? ☐ Yes ☐ No

If so, who are the secondary data custodians? _____

_____

_____

Is geology and soils data a core government function? ☐ Yes ☐ No

Is geology and soils data accessible? ☐ Yes ☐ No

If yes, how is the data accessed? _____

How often is the data accessed? _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is geology and soils data sourced? *(tick all that apply)*

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

Is geology and soils data collected according to a standard? ☐ Yes ☐ No

If yes, what is the standard? _____

Is geology and soils data updated regularly? ☐ Yes ☐ No

If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually

| 18 | Do you have any **Utilities Datasets**? |

☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
If No, *Go to Question 19*

If Yes, please answer the following:

Which of the following are collected?

Electricity ☐ Yes ☐ No

Drainage ☐ Yes ☐ No

Sewage ☐ Yes ☐ No

Telecommunications ☐ Yes ☐ No

Who is the primary data custodian_____?

Electricity ☐ Yes, Custodian_____ ☐ No

Drainage ☐ Yes, Custodian_____ ☐ No

Sewage ☐ Yes, Custodian_____ ☐ No

Telecommunications ☐ Yes, Custodian_____ ☐ No

Are there duplicate or similar utilities datasets? ☐ Yes ☐ No

Who is the secondary data custodian_____?

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Electricity	☐ Yes, Custodian_____	☐ No
Drainage	☐ Yes, Custodian_____	☐ No
Sewage	☐ Yes, Custodian_____	☐ No
Telecommunications	☐ Yes, Custodian_____	☐ No

Is utilities data a core government function? ☐ Yes ☐ No

Is utilities data accessible? ☐ Yes ☐ No

If yes, how is the data accessed? _____

How often is the data accessed? _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is utilities data sourced? (*tick all that apply*)

☐ Official government sources ☐ Crowdsourced ☐ Private Sector

Is utilities data collected according to a standard? ☐ Yes ☐ No

If yes, what is the standard? _____

Is utilities data updated regularly? ☐ Yes ☐ No

If so, to what frequency? ☐ daily ☐ Weekly ☐ Monthly ☐ Annually

19	Do you have any **Water Datasets**?

☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
If No, *Go to Question 20*

If Yes, please answer the following:

Which of the following are collected?

Lakes/Streams	☐ Yes	☐ No
Oceans/Seas	☐ Yes	☐ No
Bays/Estuaries/Inlets	☐ Yes	☐ No
Territorial Sea Boundaries	☐ Yes	☐ No

Who is the primary data custodian_____?

Lakes/Streams	☐ Yes, Custodian_____	☐ No
Oceans/Seas	☐ Yes, Custodian_____	☐ No
Bays/Estuaries/Inlets	☐ Yes, Custodian_____	☐ No
Territorial Sea Boundaries	☐ Yes, Custodian_____	☐ No

Are there duplicate or similar utilities datasets? ☐ Yes ☐ No

Who is the secondary data custodian_____?

Lakes/Streams	☐ Yes, Custodian_____	☐ No
Oceans/Seas	☐ Yes, Custodian_____	☐ No
Bays/Estuaries/Inlets	☐ Yes, Custodian_____	☐ No

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Territorial Sea Boundaries ☐ Yes, Custodian _____ ☐ No

Is water data a core government function? ☐ Yes ☐ No

Is water data accessible? ☐ Yes ☐ No

    If yes, how is the data accessed? _____

    How often is the data accessed? _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is water data sourced? *(tick all that apply)*

☐ Official government sources ☐ Private Sector

Is water data collected according to a standard? ☐ Yes ☐ No

    If yes, what is the standard? _____

Is water imagery data captured regularly? Yes ☐ Monthly ☐ Annually ☐ NO

20	Do you have any **Imagery Datasets**?

    ☐ Yes (nationwide) ☐ Yes (in some areas) ☐ No (text/paper only)
                                                                      If No, *Go to Question 21*

If Yes, please answer the following:

Which of the following are collected?

    Aerial Photography ☐ Yes ☐ No

    LiDAR Imagery ☐ Yes ☐ No

    Satellite Imagery ☐ Yes ☐ No

    Drone Imagery ☐ Yes ☐ No

Who is the <u>primary</u> data custodian_____?

    Aerial Photography ☐ Yes, Custodian_____ ☐ No

    LiDAR Imagery ☐ Yes, Custodian_____ ☐ No

    Satellite Imagery ☐ Yes, Custodian_____ ☐ No

    Drone Imagery ☐ Yes, Custodian_____ ☐ No

Are there duplicate or similar utilities datasets? ☐ Yes ☐ No

Who is the <u>secondary</u> data custodian_____?

    Aerial Photography ☐ Yes, Custodian_____ ☐ No

    LiDAR Imagery ☐ Yes, Custodian_____ ☐ No

    Satellite Imagery ☐ Yes, Custodian_____ ☐ No

    Drone Imagery ☐ Yes, Custodian_____ ☐ No

Is Imagery data a core government function? ☐ Yes ☐ No

Is Imagery data accessible? ☐ Yes ☐ No

    If yes, how is the data accessed? _____

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How often is the data accessed? _____

Who are the primary users? (*number 1-5, where 1 is the highest ranked category*)

☐ Government ☐ Local Gov. ☐ Utilities ☐ Private Sector ☐ Academia ☐ Community

How is imagery data sourced? *(tick all that apply)*

☐ Official government sources ☐ Private Sector

Is imagery data collected according to a standard? ☐ Yes ☐ No

   If yes, what is the standard? _____

Is aerial imagery data captured regularly? Yes ☐ Monthly ☐ Annually ☐ No

Innovation: Baseline

The following questions are designed to understand the technology and processes to share and disseminate integrated geospatial information management.

1	Is there an ICT infrastructure in place that can be used for sharing geospatial information?
	☐ Yes ☐ No *(Go to Question 3)*
	If yes, which scenario/s exist:
	☐ There is a single portal for government data
	☐ There is more than one portal for government data
	☐ Most government institutions have their own portal
	☐ Other reason_____
	If there is more than one portal, please specify the known portals:
	_____
	_____
	_____
	_____
2	Are the portal, data and services multilingual? Please tick which apply.
	National language only ☐ Portal ☐ Data ☐ Services
	Native (Ethnic) dialects ☐ Portal ☐ Data ☐ Services
	English language ☐ Portal ☐ Data ☐ Services
	Comments _____
3	Does the government have an organization responsible for coordinating innovation?
	☐ Yes ☐ No *(Go to Question 4)*
	If yes, which scenario/s exist? Please tick those that apply.
	☐ There a methodology to encourage and exploit innovation.

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☐ Geospatial technologies included in government's innovation efforts.

☐ There are incentives for innovation that uses geospatial information.

☐ There are small start-up incubators for entrepreneurs.

☐ There are innovation hubs for research and development.

☐ Other _____

4	Is the <u>academic sector</u> involved in research programs related to geospatial information? ☐ Yes ☐ No *(Go to Question 5)* If yes, list the type of research projects: _____ _____ _____ _____ _____ _____
5	Is the <u>private sector</u> involved in research programs related to geospatial information? ☐ Yes ☐ No *(Go to Question 6)* If yes, list the type of research projects: _____ _____ _____ _____ _____ _____
6	Is the private sector building end-user services or applications based on government geospatial information? ☐ Yes ☐ No *(Go to Question 7)* If yes, list the type of applications developed: _____ _____ _____ _____ _____ _____
7	Is crowd-sourced data being used in the national geospatial infrastructure? ☐ Yes ☐ No *(Go to Question 8)*

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	If yes, which datasets does crowdsourced data contribute to: _____ _____ _____ _____ _____
8	What type of storage is used to store data? Options include: • Cloud Computing • Network Attached Storage (NAS) e.g. Mainframe Computing • Portable Storage e.g. CDROM, Portable Hard drive • Personal Computer Hard Disk • Other Tick all that apply for each organization. Organization Name _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other _____ ☐ Cloud ☐ NAS ☐ Portable HD ☐ Computer ☐ Other
8	Is there a national geospatial research agenda (or similar)? ☐ Yes ☐ No If yes, answer the statements below (Tick all that apply) The agenda meets the requirements of a changing nation. ☐ Yes ☐ No The agenda includes international research cooperation. ☐ Yes ☐ No The agenda is application focused to meet the needs of end users ☐ Yes ☐ No The agenda is focused data production and integration ☐ Yes ☐ No

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Standards –Baseline

The following questions are designed to understand the data and ITC standards that are currently in place and the level of compliance for integrated geospatial information management.

1	Is there a policy framework in place that promotes the use of and compliance with geospatial standards across the government sector? ☐ Yes ☐ No
2	Are there national standards in place for geospatial data, metadata and services? ☐ Yes ☐ No
3	Are standards and implementation experiences being documented and disseminated? ☐ Yes ☐ No *(Go to Question 5)*
4	Is there a mandated organization responsible for the localization, adoption, publication and compliance monitoring of these standards? ☐ Yes ☐ No
5	Does a national law or regulation exist that mandates the use of geospatial standards? ☐ Yes ☐ No
6	Is the use of geospatial standards mandated in procurement of geospatial software and services? ☐ Yes ☐ No
7	Is there national representation in the international standards organizations? ☐ Yes ☐ No
8	What mechanisms exists for engagement across a range of domains that encourage adoption and use of geospatial standards? ☐ Legislation/Law/Regulations ☐ Policy ☐ Mandates ☐ Guidelines and work procedures ☐ Other:_____
9	Are staff typically aware of the standards that their work needs to comply with? ☐ Yes ☐ No Other:_____

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Partnerships – Baseline

The following questions are designed to understand the extent to which partnerships are currently leveraged to strengthen integrated geospatial information management.

1	Are staff typically aware of the standards that their work needs to comply with?
	☐ Yes ☐ No
	Other:_____

2	To what extent have strategic partnerships evolved at the national level to support geospatial information management?			
	Development of technology	☐ Minimal	☐ Moderate	☐ High
	Data Acquisition	☐ Minimal	☐ Moderate	☐ High
	Data Maintenance	☐ Minimal	☐ Moderate	☐ High
	Data Sharing	☐ Minimal	☐ Moderate	☐ High
	Deliver training	☐ Minimal	☐ Moderate	☐ High
	Shared Decision Making (Committees)	☐ Minimal	☐ Moderate	☐ High
	Organizational Restructuring	☐ Minimal	☐ Moderate	☐ High
	Development of Applications	☐ Minimal	☐ Moderate	☐ High
	Broad User Community Participation	☐ Minimal	☐ Moderate	☐ High
	Research and Development	☐ Minimal	☐ Moderate	☐ High
	Public Private partnerships	☐ Minimal	☐ Moderate	☐ High
	Funding Alliances	☐ Minimal	☐ Moderate	☐ High
	Other_____	☐ Minimal	☐ Moderate	☐ High
	Other_____	☐ Minimal	☐ Moderate	☐ High

3	What type of funding alliances exist?
	☐ large grant/donation
	☐ Recipient/donor relationship.
	☐ Cost-sharing between institutions e.g. facilities, staff or equipment.
	☐ Grant-match
	☐ In-kind services, cash, maintenance, supplies, or volunteers
	☐ Other_____

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Capacity and Education – Baseline

The following questions are designed to understand the extent to which capacity development takes place for strengthening integrated geospatial information management.

1	Is there insight, such as an inventory, into the status and availability of geospatial skills nationally? ☐ Yes ☐ No *(Go to Question 2)* If yes, please describe how this information is gathered and recorded. _____ _____ _____ _____ _____ _____
2	Is there a culture of learning and innovation across government and the private sector? ☐ Yes ☐ No *(Go to Question 3)*
3	Is there collaboration between different stakeholders (government, private sector, academic sector) to set the research and educational priorities? ☐ Yes ☐ No *(Go to Question 4)* If yes, please explain how this collaboration occurs. _____ _____ _____ _____ _____
4	Is there an active approach to knowledge and best practice sharing across government and the private sector? ☐ Yes ☐ No *(Go to Question 5)*
5	What geospatial-related educational programs exist at primary, secondary and tertiary levels? _____ _____ _____ _____ _____
6	Are geospatial data analysis and interpretation skills part of the geography curriculum? ☐ Yes ☐ No

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7	Are geospatial-related capacity building programs available and to what extent are they used?

☐ Yes ☐ No *(Go to Question 8)*

If yes, what sort of programs?

		Minimal	Moderate	High
☐	Professional Workplace Training	☐ Minimal	☐ Moderate	☐ High
☐	Intensive Training Courses	☐ Minimal	☐ Moderate	☐ High
☐	Facilitated Workshops	☐ Minimal	☐ Moderate	☐ High
☐	Scholarship Programs	☐ Minimal	☐ Moderate	☐ High
☐	Internships	☐ Minimal	☐ Moderate	☐ High
☐	Study Tours	☐ Minimal	☐ Moderate	☐ High
☐	International Fellowship Programs	☐ Minimal	☐ Moderate	☐ High
☐	Innovation Hubs	☐ Minimal	☐ Moderate	☐ High
☐	Small Startup Incubators	☐ Minimal	☐ Moderate	☐ High
☐	E-Learning	☐ Minimal	☐ Moderate	☐ High
☐	Partnerships and Networking	☐ Minimal	☐ Moderate	☐ High
☐	Professional Certification Programs	☐ Minimal	☐ Moderate	☐ High
☐	Technical Expertise/Advice	☐ Minimal	☐ Moderate	☐ High
☐	Coaching and Mentoring Programs	☐ Minimal	☐ Moderate	☐ High
☐	Leadership Development	☐ Minimal	☐ Moderate	☐ High
☐	Awareness Campaigns	☐ Minimal	☐ Moderate	☐ High
☐	Advocacy	☐ Minimal	☐ Moderate	☐ High
☐	Peer Support	☐ Minimal	☐ Moderate	☐ High
☐	Other_____	☐ Minimal	☐ Moderate	☐ High
☐	Other_____	☐ Minimal	☐ Moderate	☐ High

Communication and Engagement – Baseline

The following questions are designed to understand the extent to which stakeholder engagement is leveraged to strengthen integrated geospatial information management.

1	Have the stakeholders, partners and users of geospatial information been identified?

☐ Yes ☐ No *(Go to Question 2)*

If so, have stakeholders been categorized, e.g. groups that share common interests in creating and using geospatial information?

☐ Yes ☐ No

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2	Is there a stakeholder communication and engagement strategy and plan?
	☐ Yes ☐ No

3	Is there a process in place for engaging with stakeholders on matters relating to geospatial information management; one that allows stakeholders to contribute feedback and inform on their needs?
	☐ Yes ☐ No *(Go to Question 4)*
	If yes, what type of forum? *Please Select any that apply.*
	☐ Regular Forums and Conferences
	☐ Cabinet Submissions
	☐ Briefing Sessions
	☐ Regular/ad hoc Meetings
	☐ External Committee or Working Group
	☐ Professional Association representing industry
	☐ Professional Association representing individual practitioners
	☐ Online feedback system/portal
	☐ Print Media
	☐ Satisfaction Surveys
	☐ Questionnaires
	☐ Other _____

4	Are there support systems in place for users of government geospatial information?
	☐ Yes ☐ No
	If yes, what type of support system? *Please Select any that apply.*
	☐ Technical manuals/Guidance notes/leaflets
	☐ Suggestion boxes
	☐ Help desk
	☐ Telephone support
	☐ Online information pages e.g. Frequently Asked Questions (FAQs)
	☐ Online chat facility
	☐ Online function for user feedback
	☐ Other _____
	☐ Other _____
	☐ Other _____

The End.

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