



Federal Agency for
Cartography and Geodesy



UN-GGIM IGIF - Germany

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President Federal Agency for Cartography and Geodesy (BKG)

UN-GGIM: Europe Plenary Meeting

13/14 October 2021

Web-Session



Content

1. IGIF... how it is understood by Germany
2. IGIF... implementation in Germany
3. IGIF... implementation in other countries

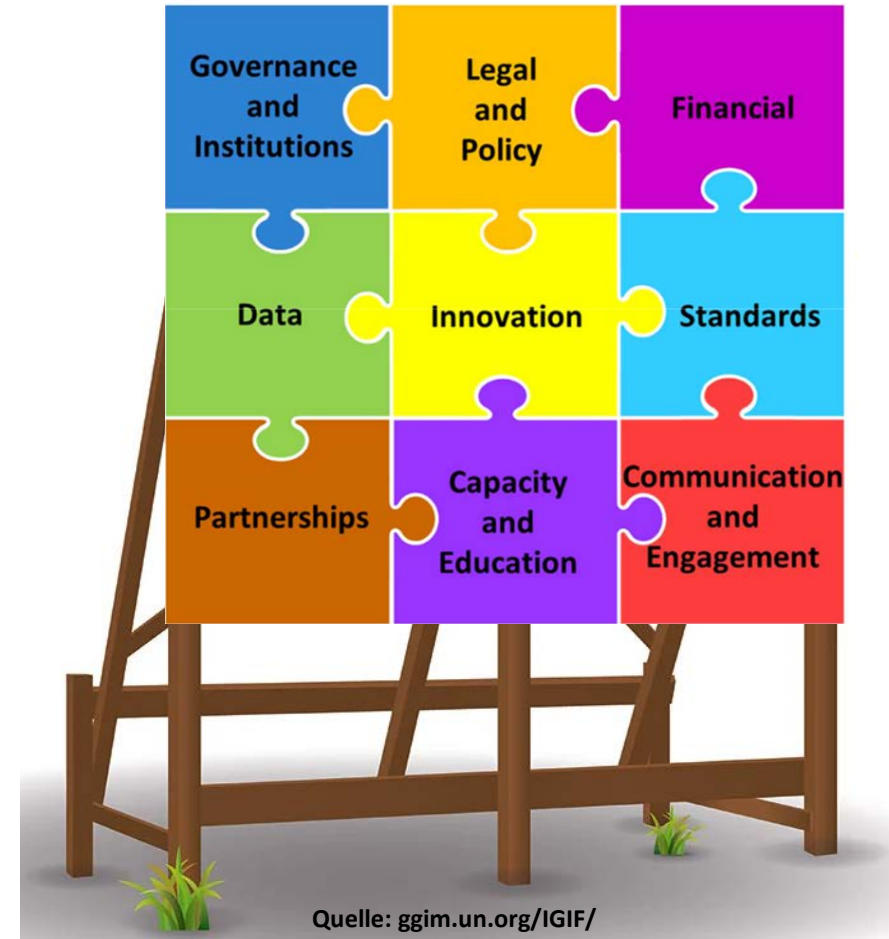
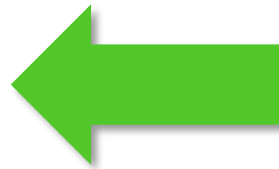


Main objectives of the frameworks

- Establish an authoritative, reliable, highly accurate and global infrastructure for Earth observation
- Improve the collection, integration and use of geospatial data
- Minimise risks and impacts of disasters through the use of geospatial information and services
- Use of spatial data infrastructures and unified geocoding tools



UN-GGIM “blueprint”...





WHY?

Part 1:
Overarching Strategic Framework
2018 adopted by UN-GGIM-8



WHAT?

Part 2:
Implementation Guide
2020 adopted by UN-GGIM-10



HOW? WHEN? WHO?

Part 3:
Country-level Action Plans (to be developed)
Worldbank tools are available

IGIF Implementation in Germany

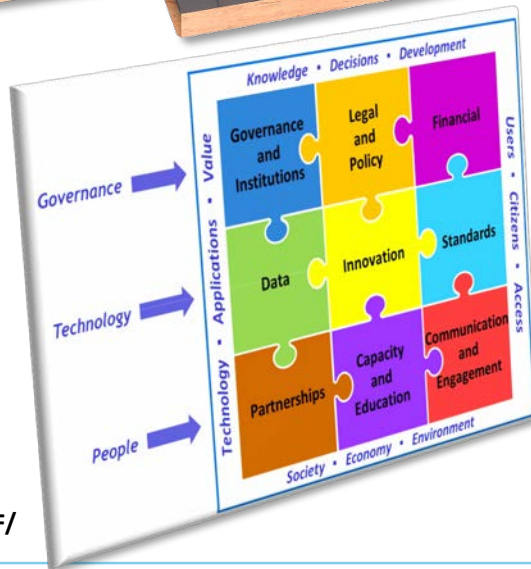


Part 3: Country-Level Action Plans

There already is a National Geospatial Strategy in Germany

Goal:

Adding an international perspective and comparability to the existing national strategy



Quelle: ggim.un.org/IGIF/

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What have we done so far?

IGIF implementation in Germany

Situation Analysis

- Assessment of current situation with diagnostic tool of the World Bank
→ finalised in spring 2021
- Involvement of the federal states in the analysis process
 - Lower Saxony (on behalf of AdV – see below)
 - Working Group „ National Spatial Data Strategy“ (NGIS)

Country-Level Action Plan

- Discussion and coordination of the Country-Level Action Plan) with
 - The Working Committee of the Surveying Authorities of the Länder of the Federal Republic of Germany (AdV)
 - The Steering Committee SDI Germany (LG GDI-DE)



How was the situation analysis conducted?

World Bank diagnostic tool with scoring system for each Strategic Pathway
(0, 25, 50, 75, 100)

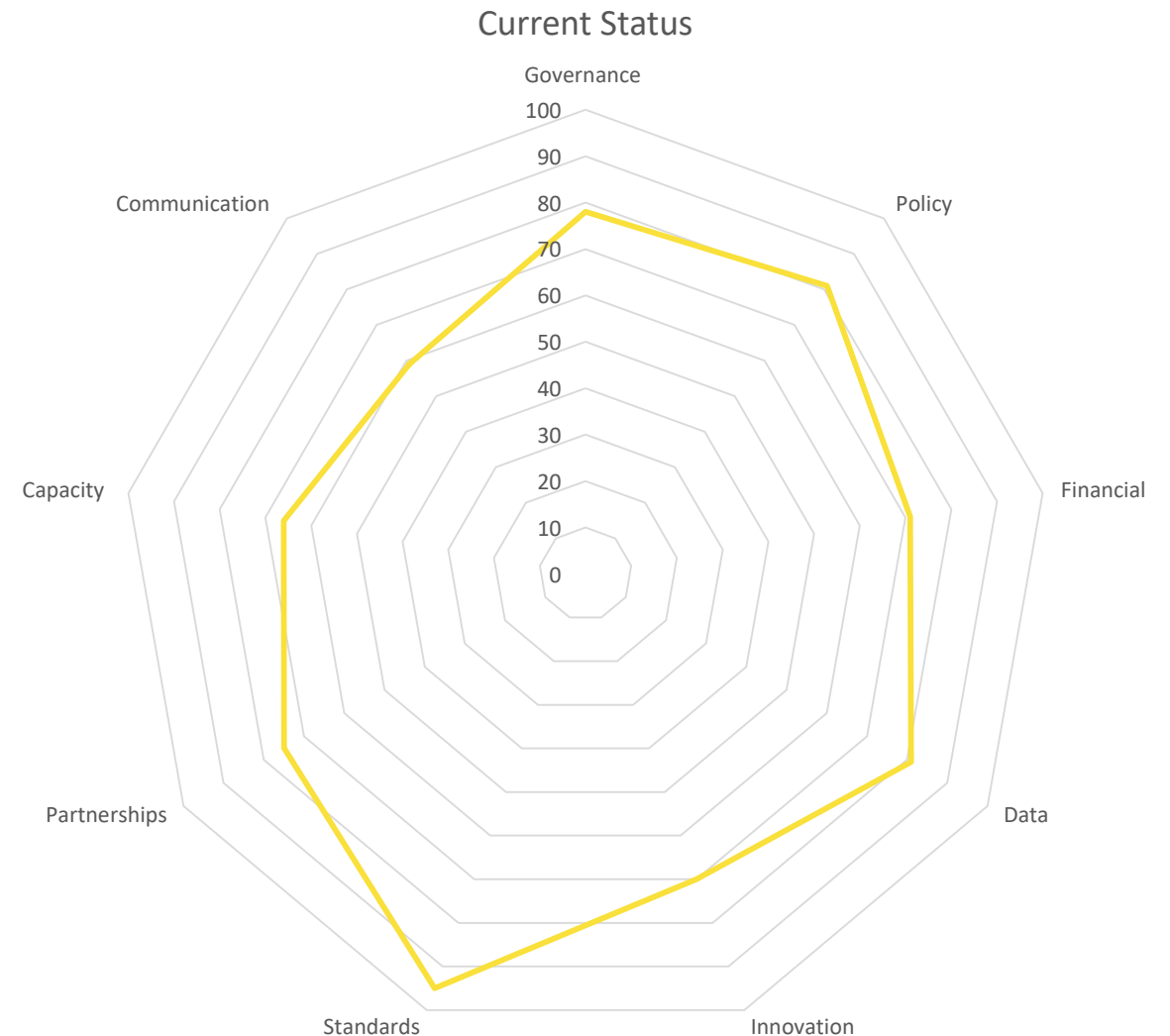
Examples Pathway 1: „Governance and Institutions“	
1.1	Is there a NSDI “champion” in Government?
1.7	Does the coordinating body actively reach out to all levels of government and other stakeholders?
...	

Examples Pathway 5: „Innovation“	
5.1	Does the government have an organisation responsible for innovation? Is geospatial data and technology included in the government's innovation efforts?
5.5	Is output from crowd-sourced data being used in the national geospatial infrastructure?
...	

What are the results of the situation analysis?

- Comparability due to uniform procedure
- “Strengths and weaknesses” visually depicted
- Fokus of current situation for all Pathways

	Current Status
Governance	78
Policy	81
Financial	71
Data	81
Innovation	70
Standards	95
Partnerships	75
Capacity	66
Communication	59
Overall Score	76



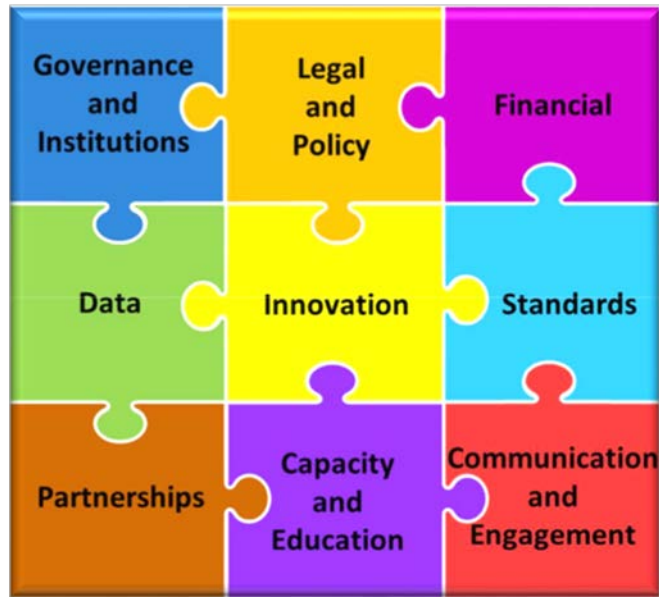
Where are we now?

IGIF implementation in Germany

- Comparison with existing actions of the NGIS
- Collaborative development of additional actions
- Final overview of actions completed in summer 2021
- First review of the actions by the NSDI Steering Committee in 2021



Examples of developed actions



Pathway 4: „Data“

Define and implement core data sets with data custodians allocated, to be responsible for each one. The definition have to consider the UN and European concepts and requirements (until 2024)

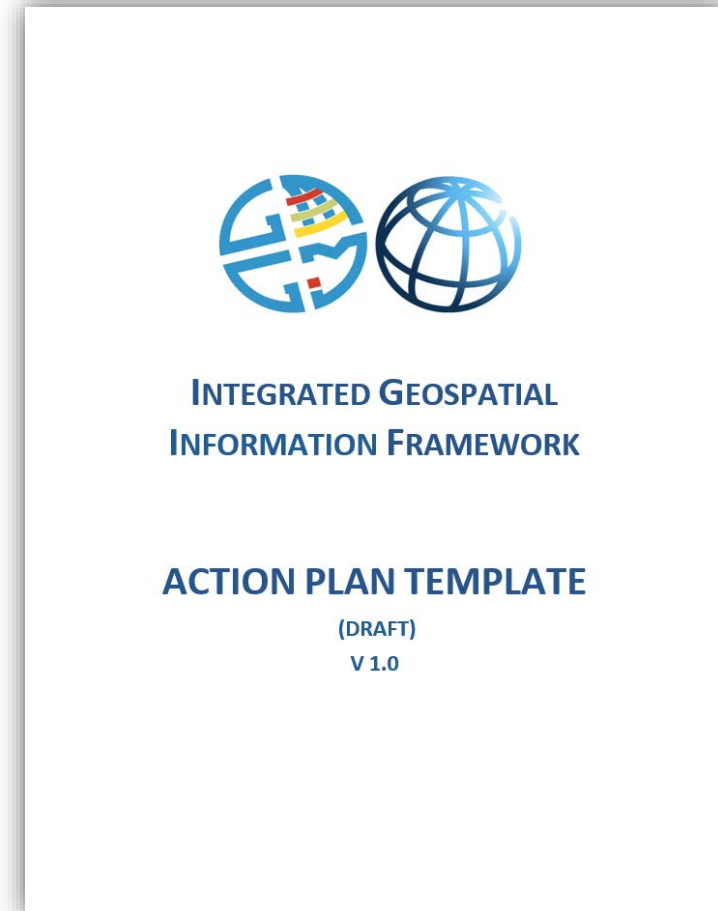
Create core data sets if they do not exist according an agreed prioritization (until 2026)

**Suggested
Action**

**Suggested
Action**

What comes next?

- Drafting the Country-Level-Action-Plan
 - Results of diagnostic tool and current situation
 - Actions are the core
 - Allocation of the actions to the various indicators
 - Responsible stakeholders and institutions
- Decision and adoption of the action plan as part of the national strategy planned in spring 2022



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Cooperation with partners in ITALY

- Concept development for „IGIF Workshops“ – Cooperation IT-DE
- Organisation of a regional „IGIF Initiation Workshops“ postponed due to Covid-19
- Contacting the possible target countries as soon as possible ...
 - IT interest in the Mediterranean countries, comprising North African countries
 - DE interest in European countries, Argentina and Namibia
 - „Twinning“ projects with other partners possible ...
- First „initiation“ conference in Reggio Calabria on 8-20 November 2021 addressing North-African countries



Concept for the „IGIF Initiation Workshop“

- Possible themes for the workshop
 - “Earth Observation Analysis Ready Data” (satellite, aerial, drone)
 - “Base Geospatial layers” (14 Global Fundamental Themes)
 - “Geospatial enabled indicators and analytics” (methods for data integration)
 - Information about the World Bank template to be used for the elaboration of the situation assessment
 - Present first draft of the unofficial situation assessment and ‘Country-Level-Action Plans’ of Italy and Germany as starting points /guidance for the invited countries
- A first IGIF Initiation Workshop is likely to be organised in 2022



Federal Agency for
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Thank you for your kind attention!

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