IGIF Country-level Action Plan for Germany

Experiences and Achievements

Gwendolin Seidner

Gwendolin.Seidner@bkg.bund.de

Executive Unit - International Affairs

Federal Agency for Cartography and Geodesy (BKG)
BKG at a Glance – who we are ...

- A technical agency under the Federal Ministry of the Interior and Community, with specialist departments in geodesy and geoinformation
- The central service provider of topographic data, cartography, and geodetic reference systems for the German federal government
- Operators of a service center for geospatial information and geodesy
- Representative of Germany's interests in geospatial information at European and international level
- Providers of training in the professions of geomatics technician and precision mechanic

www.bkg.bund.de
BKG at a Glance – who we are ...

- Frankfurt am Main
- Leipzig
- O’Higgins/ Antarctica
- La Plata/ Argentina
- Wettzell
Focus of the presentation:

• The background on the NSDI activity
• Key organizations/Stakeholders in the NSDI
• Baseline Assessment for the IGIF CAP
• Developed actions for the IGIF CAP
• Experiences and outcomes
The background on the NSDI activity

Geospatial information management has been focused on for a long time. The National Spatial Data Infrastructure has been established 2005.

There already is a National Geospatial Strategy in Germany → NGIS

The National Geospatial Information Strategy was drawn up in dialog with industry and science.

The NGIS describes a vision for the geospatial information sector for the year 2025.

Our goal for the national implementation of the IGIF:
Adding an international perspective and comparability to the existing national strategy.
The background on the NSDI activity

Coordination Office

Contact Points Federal states

Working Group NGIS

https://www.gdi-de.org/en/SDI
Key organizations/Stakeholders developing the CAP for Germany

- Federal Mapping Agency
- The Working Committee of the Surveying Authorities
- German SDI
Baseline Assessment for the IGIF CAP - Tools

Source: World Bank
Results of the baseline assessment

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

<table>
<thead>
<tr>
<th></th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governance</td>
<td>78</td>
</tr>
<tr>
<td>Policy</td>
<td>81</td>
</tr>
<tr>
<td>Financial</td>
<td>71</td>
</tr>
<tr>
<td>Data</td>
<td>81</td>
</tr>
<tr>
<td>Innovation</td>
<td>70</td>
</tr>
<tr>
<td>Standards</td>
<td>95</td>
</tr>
<tr>
<td>Partnerships</td>
<td>75</td>
</tr>
<tr>
<td>Capacity</td>
<td>66</td>
</tr>
<tr>
<td>Communication</td>
<td>59</td>
</tr>
<tr>
<td><strong>Overall Score</strong></td>
<td><strong>76</strong></td>
</tr>
</tbody>
</table>
• Chapter 1: Context
• Chapter 2: Geospatial Information Management in Germany
• Chapter 3: Strategic Alignment to Policy Drivers
• Chapter 4: Strategy
• Chapter 5: Action Plan
• Chapter 6: Conclusions and Next Steps
Examples of developed IGIF actions

<table>
<thead>
<tr>
<th>Total actions</th>
<th>Covered actions by GDI-DE</th>
<th>New actions covered by BKG</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>23</td>
<td>4</td>
</tr>
</tbody>
</table>

- 1.5: Increase interaction with the global geospatial community
- 7.2: Identify "lighthouse projects" to demonstrate successful collaboration in integrating core geospatial data with other thematic data
- 8.5: Provide geospatial data management training and ongoing professional development programs
- 9.3: Promote the importance of geospatial information for evidence-based decision making and for the achievement of the Sustainable Development Goals (SDGs) of the Agenda 2030
What we achieved...

Country-Level-Action-Plan

- Baseline Assessment ✓
- Overview of national geospatial stakeholders and institutions and their responsibilities ✓
- Derived actions based on the IGIF-Pathways ✓

→ Decision and adoption of the action plan as part of the national strategy in May 2022

→ Due to the already existing geospatial strategy and other long existing activities, contents have been shortened
IGIF CAP for Germany: Advantages for Germany

✓ UN-GGIM perceives BKG as a reliable partner

✓ International commitment is applied nationally

✓ IGIF actions are embedded in national GDI-DE (SDI)

✓ Comparisons and solutions for other countries are shown (role model)

✓ Implementation of NGIS is meaningfully and substantially supported

✓ NGIS goals are confirmed

✓ Perception of NGIS & GDI-DE (SDI) has visibly increased internationally

✓ International networking of NGIS/GDI-DE (SDI) can give new impulses for national level
Experiences and outcomes

To achieve a national perspective it is fundamental to include all stakeholders and organizations.

More than two years for developing the CAP for Germany

Two full time positions (besides GDI-DE, AdV)

Appropriate tools are necessary to establish structure and purpose

To achieve a national perspective it is fundamental to include all stakeholders and organizations.
Country-level Action Plan:

Social Media:

Personal Contact: