UN-GGIM IGIF - Germany

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President Federal Agency for Cartography and Geodesy (BKG)

High-level Group on Integrated Geospatial Information Framework: Fifth meeting virtual and First plenary meeting
26-28 April 2022
Geospatial information management has been focused on for a long time. The National Spatial Data Infrastructure has been established in 2003.

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.
How we started...

Situation Analysis:
Assessment of current situation with diagnostic tool of the World Bank
finalised in spring 2021

Involvement of the federal states in the entire process
  Lower Saxony (see on chart)
  Working Group „National Spatial Data Strategy“

Country-Level Action Plan (CAP)
The Country-Level Action Plan was compiled in collaboration with the
above mentioned stakeholders of the federal states
The existing actions were compared with the derived IGIF-actions
The final results/overview of actions were finalised in January/February 2022
Results of the situation analysis

Comparability due to uniform procedure

Strengths and weaknesses” visually depicted

Fokus of current situation for all Pathways

<table>
<thead>
<tr>
<th>Current Status</th>
<th></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>Overall Score</td>
<td>76</td>
</tr>
</tbody>
</table>
### Examples of developed IGIF actions

<table>
<thead>
<tr>
<th>Actions</th>
<th>Covered actions by GDI-DE</th>
<th>Partly covered by GDI-DE</th>
<th>New actions covered by BKG</th>
<th>Not covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5: Increase interaction with the global geospatial community</td>
<td>14</td>
<td>9</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>7.2: Identify &quot;lighthouse projects&quot; to demonstrate successful collaboration in integrating core geospatial data with other thematic data</td>
<td></td>
<td></td>
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<tr>
<td>8.5: Provide geospatial data management training and ongoing professional development programs</td>
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<td>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</td>
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</tbody>
</table>
What we achieved...

Country-Level-Action-Plan
Situation Analysis ✔
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
What comes next...

**Implementation in other countries – cooperation with partners in ITALY**

Concept development for „IGIF Workshops“ – cooperation Italy-Germany

Organisation of a regional „IGIF Initiation Workshops“ postponed due to Covid-19

Contacting the possible target countries as soon as possible ...

- Italian interest in the Mediterranean countries, comprising North African countries
- German 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 (postponed)
implementation in other countries – cooperation with partners in ITALY

Sample themes for the IGIF workshops
“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

First IGIF Initiation Workshop is likely to be organised in 2022
Thank you for your kind attention!