The German Spatial Data Strategy

The world with spatial data in 2025

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Factors of influence

Digital Change

Resources

E-Government

Copernicus

Galileo

Open Data

INSPIRE

GEOSS
Motivation for developing NGIS

- High complexity and dependencies
- Limited resources
- Users want spatial data in a homogeneous form
- Federal structure in Germany

→ Need for change leads to will to change

⇒ All stakeholders wanted to jointly develop a single National Spatial Data Strategy (NGIS)

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Main Goal: Acting Together

- Foster cooperation beyond the boundaries of specialist fields and areas of competence
- Expand international networks
- Establish digital processes: in a consistent and sustainable manner

German Spatial Data Strategy

- Political and strategic coordination of goals
- Stakeholders: federal (Bund), state (Länder), local governments (Kommunen) as well as industry, research and private initiatives
- Basis for action plans over the next ten years
Who is coordinating?

Spatial Data Infrastructure Germany (GDI-DE) Steering Committee

- Professional/political decision-making body responsible for the setup of GDI-DE; controls and coordinates the GDI-DE, including the implementation of INSPIRE
- Composed of federal, state (Länder) and local governments as well as representatives of industry and research

Tasks:
- Creating rules and determining measures for the establishment and operation of the GDI-DE
- Performing the function of a "National Correspondent" within the meaning of the INSPIRE directive
- Reporting to the political decision-making body IT Planning Council
Steps for Developing the German Spatial Data Strategy

Collection

Workshop
Discussion
Brain-storming

Consolidation

Online Participation
Consultation

Decision

GDI-DE
IT-PLC
CdS
Collection

Input from a large variety of stakeholders
- Industry
- Research
- Private initiatives
- Government

Events and activities
- 3rd Geo-Progress Report
- Round table
- Workshops with stakeholders
Strategy Guidelines

Structure oriented towards National E-Government Strategy (NEGS)

Define vision (not activities):
The world with spatial data in 2025

Giving guidance by agreeing on principles

Target groups
• All users and providers of spatial data
• Policy makers
Consolidation

Activities
• Public online participation
• Expert reviews
• GDI-DE working group

Participation
• 250 public participants
• >770 comments by experts
Decision by Steering Committee

- **August 2015**
  - GDI-DE Steering Committee

- **October 2015**
  - IT Planning Council

- **November 2015**
  - Chief of Staff of the Federal Chancellery and his/her counterparts at state level (ChefBK / CdS)
Agreed Principles

Spatial data: Essential raw material for digital society

Ensuring the basic supply
A broad foundation of spatial data is available for making space-related decisions

Facilitating multiple use
Extensive support for the multiple use of data is provided

Promoting innovation
New services are proposed and tested and support is provided for their implementation
In Focus: Users of Spatial Data

- Spatial data are accessible and easy to use for everyone
- Spatial data providers are responsible/accountable for data reuse
- Quality and variety of spatial data are determined by user needs
- Spatial data are transparently described and published
- Users are cooperatively involved in the enhancement of spatial data
- Spatial data are available without restrictions

Source: Pressmaster/shutterstock.com
Goals, Goals, Goals!

6 Goal Areas

15 Goals

42 Individual Goals
6 Goal Areas of NGIS

- Usefulness for individuals, businesses, the research community and public administration
- Cost-effectiveness and efficiency
- Transparency and social participation
- Data protection and data security
- Long-term viability and sustainability
- Effective IT support
Success =
Good Strategy + Good Implementation

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Lessons Learned

Development of a joint strategy
- brought all stakeholders together
- kicked off necessary discussions
- raised political awareness

The strategy
- is only the first step
- does not solve current issues

Success is highly dependent on successful implementation!
Thanks for your attention

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