1

Germany: e-Government in a Federal Environment

2

Basic Geoinformation in Germany

- Satellite Positioning System (SAPOS)
- Official Reference Point Information System (AFIS)
- Authoritative Topographic-Kartographic Information System (ATKIS)
- Official Cadastre Information System (ALKIS)

geoGovernment in Germany

GDI-DE and Deutschland-Online

- 2 corresponding projects of Federation, States and Counties/Municipalities

SDI-initiatives of the States

- Example from NRW

SDI on the local level

- Example: SDI-initiatives in the region of Bonn
2.1 GDI-NRW (SDI of North-Rhine Westphalia)

Development of GDI.NRW

www.TIM-online.nrw.de - eGovernment in practice
award: „best project 2004“

Result of GDI.NRW

Environmental protection
Spatial Information Management in the Context of SDI
and e-Government – the German Approach

Noise mapping

3D-future perspective

2.2 Local SDI-initiatives in NRW
Example: region of Bonn

Bonn region

Goals of the Initiative

Fortification of the „Bonn region“ as geo-region
Supporting new business founders and recruiting new enterprisers
Providing spatial information to users
Business enlargement through geo-marketing
Opening of new markets by innovative sector solutions
Synergy effects by common data use and applications
Providing trade platforms
3.1 cross-border SDIs

INTERREG IIIA: X-Border GDI NL/NRW

3.2 cross-border SDIs

INTERREG IIIC

INTERREG IIIC Regional Framework Operation (RFO) "Change on Borders"

- The partnership consists of 25 border regions from 15 European countries
- Different border regions work together in order to share knowledge about regional development in a cross-border context
- Objective: develop new solutions to economic, social and environmental challenges

http://www.change-on-borders.net/

SDI: no infrastructure consequence: INSPIRE regional laboratory: CROSS-SIS

PROJECT PART-FINANCED BY THE EUROPEAN UNION

Cross-SIS Architecture
Spatial Information Management in the Context of SDI and e-Government – The German Approach

4

SDI in Germany – GDI.DE

Spatial Data Infrastructure Germany
- political level -
  WG of the State Secretaries for eGovernment and Deutschland-Online
  (State and federal level)

- conceptual level -
  GDI-DE Board
  GDI-DE office
  GIW office

- technical level -
  WG of the State Secretaries
  for eGovernment and Deutschland-Online
  (State and federal level)
  GIW-commission („Taskforce“)
  Managed by: BMWA
  (D 21, associations like. DDGI, DIHK,
  DMMV, Bitkom, eco, Bundesverband
  mittelständischer Unternehmen
  (State and federal level)

Data and service providers
  User groups, research institutes, industry, OGC, ... special Interest Groups (SIGs)

Spatial Information Management in the Context of SDI and e-Government – The German Approach

5

Conclusions

- Openness/frankness
- Willingness for cooperation
- Active cooperation
- Willingness for communication
- Common goals

Germany – state of the art
Establishment of a Spatial Data Infrastructure – Requirements for players

Examples

http://deutschlandviewer.bayern.de/deutschlandviewer/GermanyViewer.html

http://www.tim-online.nrw.de
http://kreis-steinfurt.map-server.de/

http://www.boris.nrw.de
http://www.wohnregion-bonn.de

http://kreis-stadtmetro-server.de

Thank you very much for your attention!