INSPIRE Monitoring and Reporting –
Is this the way to go?

Martin Lenk/Sabine Geissler
Coordination Office SDI Germany

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I. What we do

II. What we could do in the future
Situation in Germany: Federalism

1 Directive → 17 National laws (1 Federation, 16 States)

INSPIRE enabled the legal basis for national SDI
Coordination structure

State-level:
multiple data provider

DE: 17 contact points
Collecting Monitoring Information

Monitoring 2015

- 12,712 Spatial Data Sets
- 16,248 Services

775 Data Provider

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Central Components GDI-DE

**Geodata Catalogue (Geodatenkatalog.de)**
Central discovery service
- **since 2011 online**

**Geoportal.de**
„Face“ of GDI-DE infrastructure, search and view datasets and services, Information platform
- **since 2012 online: www.geoportal.de**

**GDI-DE Testsuite**
Conformity testing of metadata and services
- **since 2011 online: testsuite.gdi-de.org**

**GDI-DE Registry**
Access point of centrally managed registers and compilation of INSPIRE Monitoring
- **since 2014 online: https://registry.gdi-de.org**
17 Sub-Register (state/federation)
GDI-DE Registry: Monitoring-Client

- "Monitoring Data Collection" tool
- Data import from metadata through CSW interfaces/ excel/ xml/ manually
- Quality checks (Testsuite, GDK)
- Reports (INSPIRE XML, HTML)
- Statistics and graphics
Conformity indicators (source: dashboard 2016)

MDI2: Metadata, DE 97%

DSI2: Data Sets, DE 5%

NSI4.1: Discovery Services, DE 100%

NSI4.2: View Services, DE 93%

NSI4.3: Download Services, DE 97%

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Identified Data Sets Annex I-III

- Monitoring Thüringen
- Monitoring Schleswig-Holstein
- Monitoring Sachsen-Anhalt
- Monitoring Sachsen
- Monitoring Saarland
- Monitoring Rheinland-Pfalz
- Monitoring Nordrhein-Westfalen
- Monitoring Niedersachsen
- Monitoring Mecklenburg-Vorpommern
- Monitoring Hessen
- Monitoring Hamburg
- Monitoring Bund
- Monitoring Bremen
- Monitoring Brandenburg
- Monitoring Berlin
- Monitoring Bayern
- Monitoring Baden-Württemberg

Legend:
- Blue: Annex I
- Red: Annex II
- Yellow: Annex III
German „Monitoring System“

- …considers Federal Structure (crucial)
- …indicates that we are doing quite well
- …is effective (we get what we wanted)
- …is not efficient (currently quite difficult)
- …doesn’t tell us much about interoperability
- …doesn’t tell us anything about benefit
Do we want do this in the future?
If no: What is the way to go?
What is the way to go?

What do we want to know in the future?

- National Data & Services accessible in line with INSPIRE Article 15 and 11(1)?
- Data & Services compliant for intended purposes?
- Data & Services compliant for crossborder issues?

... and we want to do it much more efficient!
Assessments instead of looking too much into details
(no counting peas: „Erbsenzählerei“)

Assessments should include agreed „use cases“

- Central coordination and mostly automated approach
- Results should be used for MIG
- Combination with Reporting
  (like a summary of what we do with Reporting)

All ideas for MIG-WP 2016.2 „Monitoring and Reporting“
Bye the way, this is all what we actually have to do:

Directive 2007/2/EC (INSPIRE) - FINAL PROVISIONS - Article 21(1)

“Member States shall monitor the implementation and use of their infrastructures for spatial information. They shall make the results of this monitoring accessible to the Commission and to the public on a permanent basis”
Thank you for your attention

Sabine Geissler / Martin Lenk
SDI Coordination Office
Richard-Strauss-Allee 11
60598 Frankfurt - Germany

Mail: mail@gdi-de.org
Web: www.gdi-de.org