

# INSPIRE – What if...

**What if one would start thinking about an  
INSPIRE evolution?**

Lars Bernard - INSPIRE Conference 2017

## After a decade of INSPIRE ...

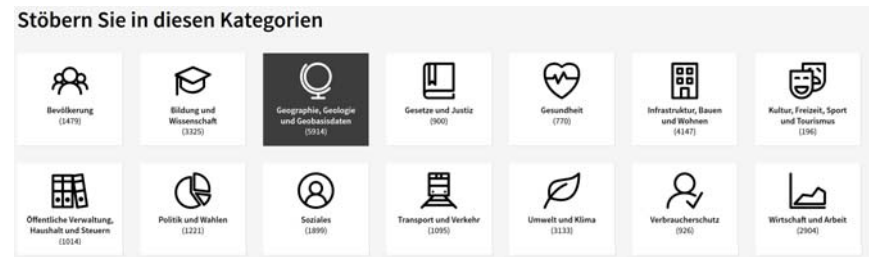
Guess you would start establishing  
a Data Infrastructure today...

....and you meet one  
of the INSPIRE geeks...



## After a decade: INSPIRE Successes ?!?

- Administrative geodata (and maps) are easy to find
- Open Data Attitude established
- INSPIRE is/was clearly one of the early movers
  - Awareness on data sharing issues
  - INSPIRE expertise is a valuable resource



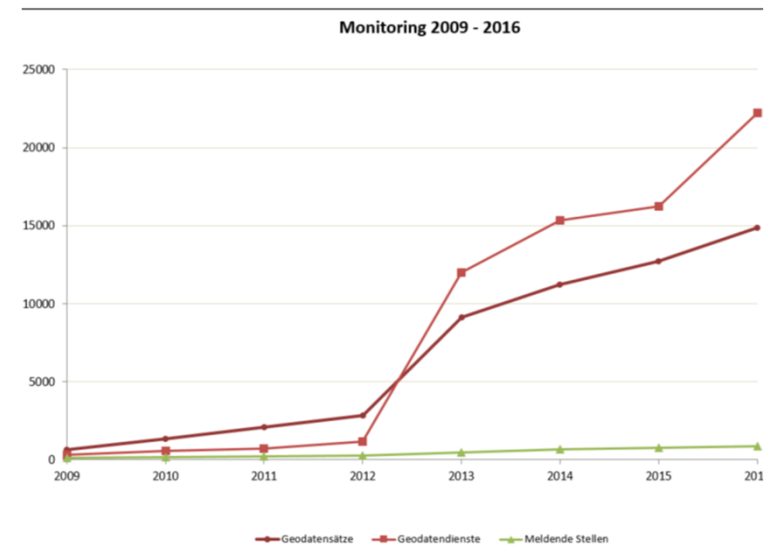
### GovData, OpenData, offene Daten - was bedeutet das?

GovData ist das Datenportal für Deutschland. Im Informationsbereich finden Sie alles Wissenswerte rund um die Themen OpenData, OpenGovernment und Bürgerbeteiligung, Informationen zur Datenlizenz Deutschland und zielgruppengerechte Informationen für BürgerInnen sowie Personen aus Wirtschaft, Wissenschaft, Verwaltung, und zivilgesellschaftlichen Organisationen und Medien.

[www.govdata.de](http://www.govdata.de)

## After a decade: INSPIRE Failures ?!?

- Rarely (yet?) achieved a *nationwide* or even *pan-European, reliable, coherent and seamless* access to spatial data ...  
e.g. for environmental monitoring, spatial planning, ...
- Data sharing and data integration is still tedious (and here a geoportal is not the ultimate goal !)
- INSPIRE implementation mostly seen as yet another burden...



[www.gdi-de.org](http://www.gdi-de.org)

# INSPIRE Revision !?

A proposal for  
today's  
*data infrastructure  
recipe*



## INSPIRE Revision Ingredients

### 1) Rethink costs and efforts

*Tackling the EU-wide harmonization of 32(+) data topics at almost no-cost might possibly not work*

#### Options:

- a) put substantial funding
- b) reduce the number of topics for which coherence and consistency should be achieved (e.g. only Annex 1)
- c) Create (real) synergies with specific planning or reporting tasks
- d) A mix of a) - c)

# INSPIRE Revision Ingredients

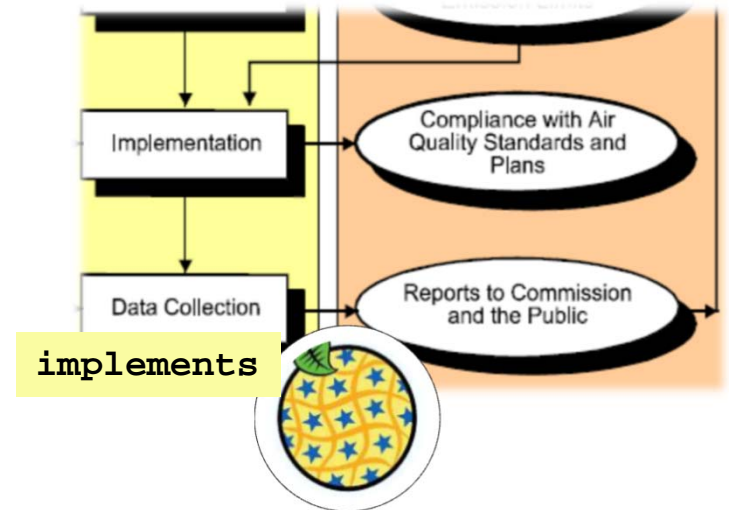
## 2) Prioritize by planning or reporting tasks

*Not by annex - and follow (really) a spiral process*

### Step 1:

All applications for one specific task (e.g. *reporting on air quality*) are operational in the infrastructure

<http://ec.europa.eu/environment/archives/air/pdf/air.pdf>



### Step 2:

...only (!) then advance to other fields.

## INSPIRE Revision Ingredients

### 3) Empower (one?!?) key responsible for the infrastructure implementation

*More than a MS contact point (only)*

A responsible unit being capable and **strongly legally and financially mandated:**



- **to mediate** between all data providers **and users**,
- **to enforce** the provision of reliable services,
- **to improve** the required stakeholders' capabilities and capacities.

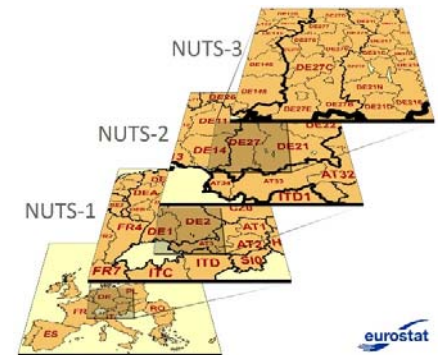


## INSPIRE Revision Ingredients

### 4) Have a clear position on coherence, consistency and reliability of INSPIRE data

- a) Either enforce the provision of a dataset as ***the (one) reference*** for the given topic (*# topics < Annex I + II ?*) and have access and updating mechanisms well designed and implemented
- b) or you put less burden on the data providers and leave the integration and *adding value tasks* to others

**(Avoid staying in-between these two options)**





**TECHNISCHE  
UNIVERSITÄT  
DRESDEN**

Faculty of Environmental Sciences, Professorship of Geoinformatics

# Let's discuss - your proposals !

<https://tu-dresden.de/bu/umwelt/geo/geoinformatik>

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Clips from <https://openclipart.org/>



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concept**  
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