

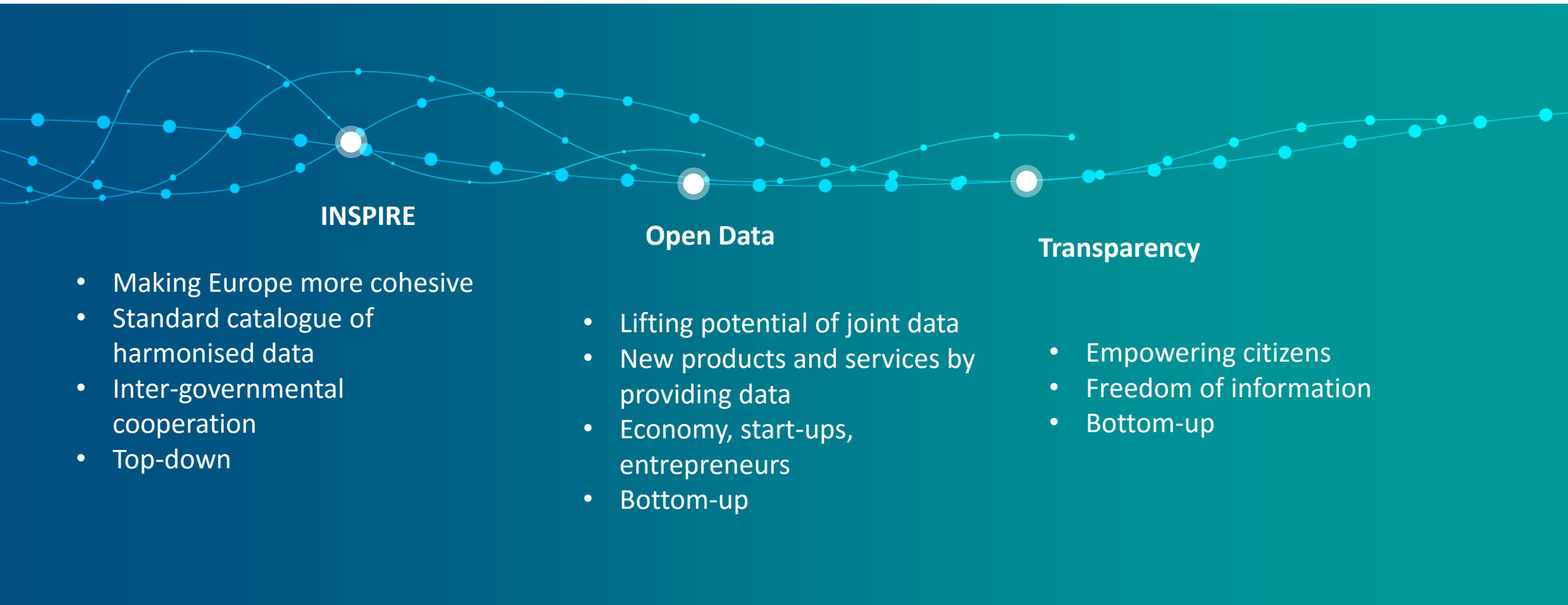
## Ensuring a coherent implementation of INSPIRE in the context of Open Data

The German Federal Ministry of Transport and Digital Infrastructure's strategy

INSPIRE Conference, 8 September 2017 | Strasbourg, France

Roland Goetzke (BMVI, Germany)

# “Three” sides of the same coin



## Federal Ministry of Transport and Digital Infrastructure has adopted a pioneering role for Open Data

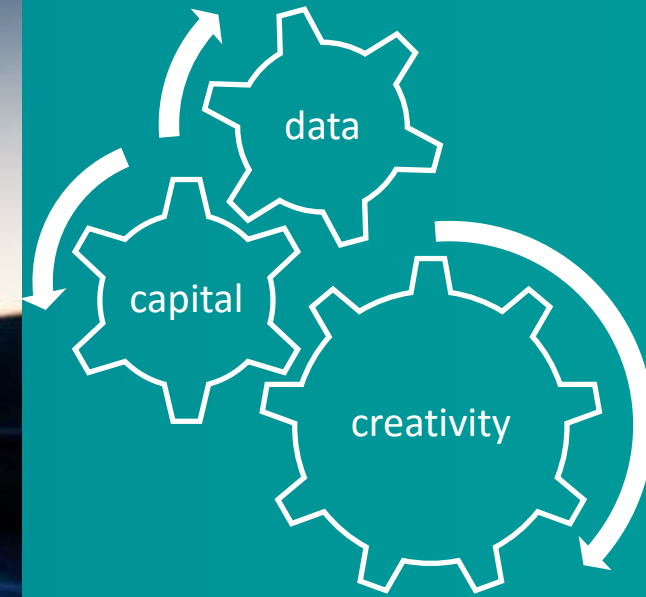
Several successfully implemented key initiatives:

- A **Geo-Information Strategy** for the Ministry (findings from INSPIRE implementation)
- A funding program for data-driven innovations: **mFUND**
- An Open Data Portal: **mCLOUD**
- A marketplace for real-time data from road traffic: Mobility Data Marketplace (**MDM**)
- Public hackathons with Open Data: **DataRun**
- A data portal for national dissemination of remote sensing data from the Copernicus program: **CODE-DE**

# Innovative ideas for ground-breaking new products for mobility 4.0

Couldn't traffic regulate itself?

Shouldn't cars know the weather forecast?



# mFUND: 150 m EUR for data-related research and innovative ideas until 2020

## core elements

**Project funding**  
(July 2016 - August 2017:  
ca. 80 project  
ca. 140 project partners  
ca. 80 m EUR funding)

**Competitions** (e.g. Hackathons)

**Networking events**  
(e. g. Conferences)

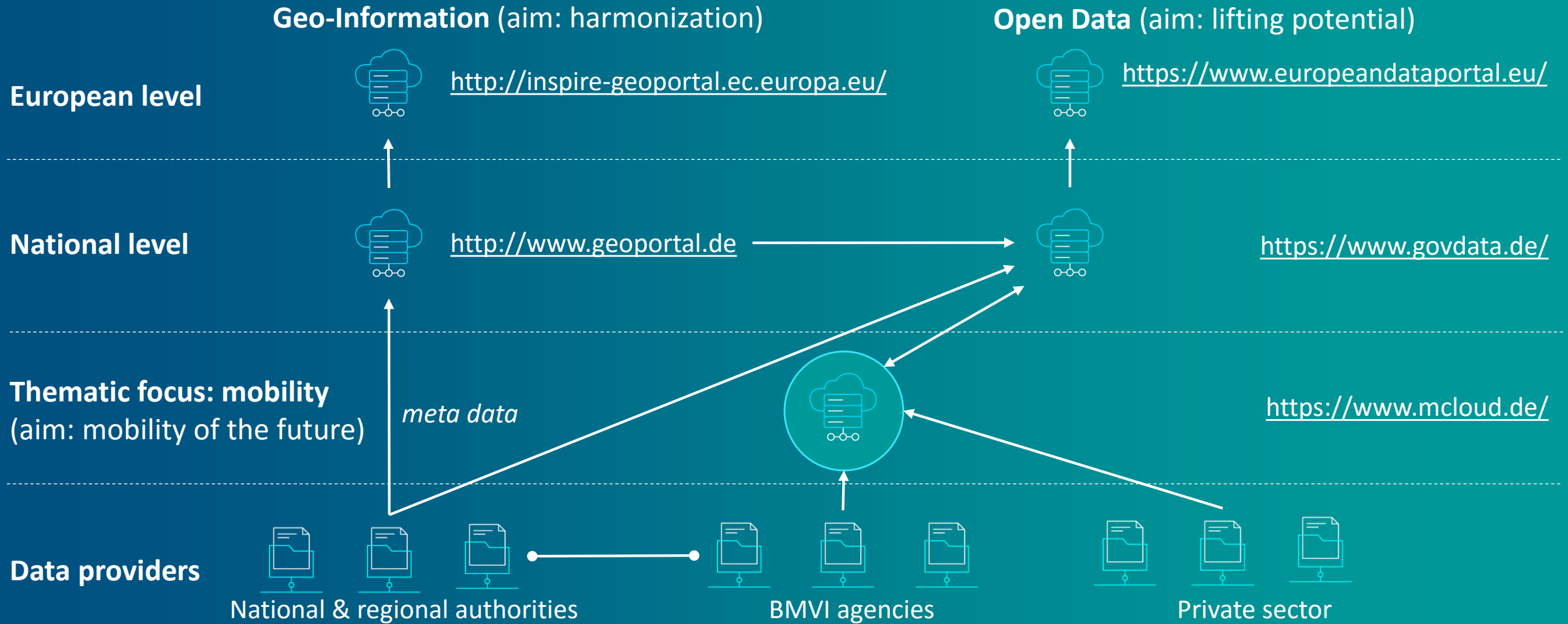


## supporting elements

**ICT infrastructure for data provision**  
(> 600 open datasets on: <http://www.mcloud.de>)



# mCLOUD: open data portal for transport, mobility and related data



# Implementing the principles of open data in the authority of the Ministry of Transport and Digital Infrastructure



## Specify aims

Common objectives,  
fundamental principles,  
and roadmap

## Establishing in organisation

Implementing guidelines  
and open data managers

## Establishing in processes

Integrating principles of  
open data in legislation,  
initiatives, projects, etc.

## Support for subordinate authorities

For design and implementation  
of specific open data projects

# Example: Guideline for open data publication / check list

- 1 Inventory of data (e.g. What kind of data? Metadata available? Purpose of data collection, etc.)
- 2 Verification of inventory
  - Legal requirements (e.g. property rights)
    - Special law? (e.g. INSPIRE → publication process already specified other laws prohibiting publication?)
    - Specific content? (e.g. research data)
    - Public interests? (e.g. domestic security)
    - Personal information?
    - Intellectual property or copyright of third parties?
  - Technical and quality requirements
- 3 For data with increased effort: prioritise publication



# Conclusion

- Supporting the change in thinking and acting towards more openness at the ministry's executive agencies (INSPIRE → Open Data → Transparency)
- Balancing the goals of data harmonisation (European perspective, e.g. INSPIRE, ITS) and use of open data for innovative applications (national perspective)
- Supporting standardisation for open data and use of open licences
- Facilitating practical use of open data and creating best practices by funding data-related projects
- Going beyond plain provision of data: creating and supporting networks and the development of applications (e.g. hackathons, project funding, conferences)

# Thank you for your attention!

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## Contact

Ministry of Transport and Digital  
Infrastructure (BMVI)  
Division: DG 25  
Robert-Schuman-Platz 1  
53175 Bonn, Germany

Contact person  
Dr. Roland Goetzke  
[roland.goetzke@bmvi.bund.de](mailto:roland.goetzke@bmvi.bund.de)  
[www.bmvi.de](http://www.bmvi.de)  
Tel. +49 (0) 228 99 300 6632  
Fax +49 (0) 228 99 300 807 6632