



# Area of Work 1. Towards a Common Implementation Landing Zone

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# INSPIRE: What can we do in 2020



There are many success stories, good practices and innovation in INSPIRE!

E.g. the APIs for air quality deployed by the API4INSPIRE ELISE project.

- Over **100 million Measurements**, 8185 Datastreams.
- Standard-based access to such data through the SensorThings API
- Data provided in a public cloud through virtualisation
- Harvested air quality data from multiple sources:
  - National INSPIRE download services
  - European Environment Agency

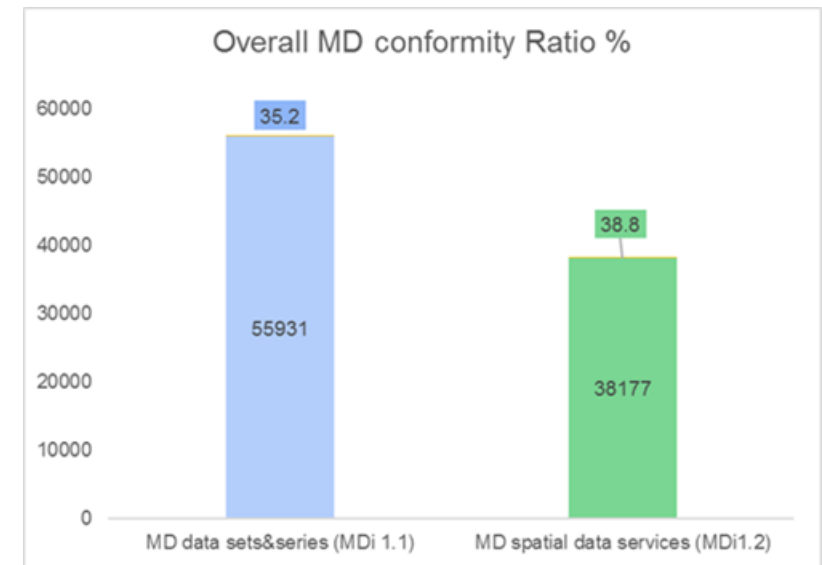
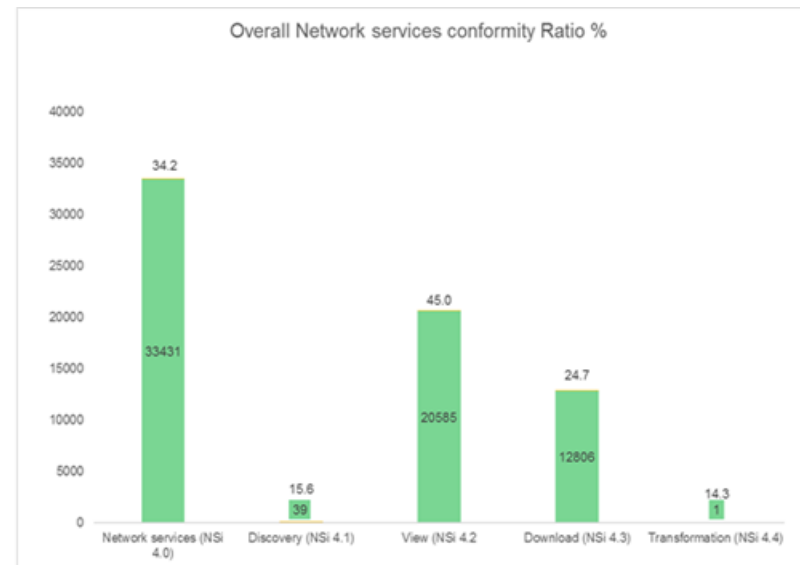
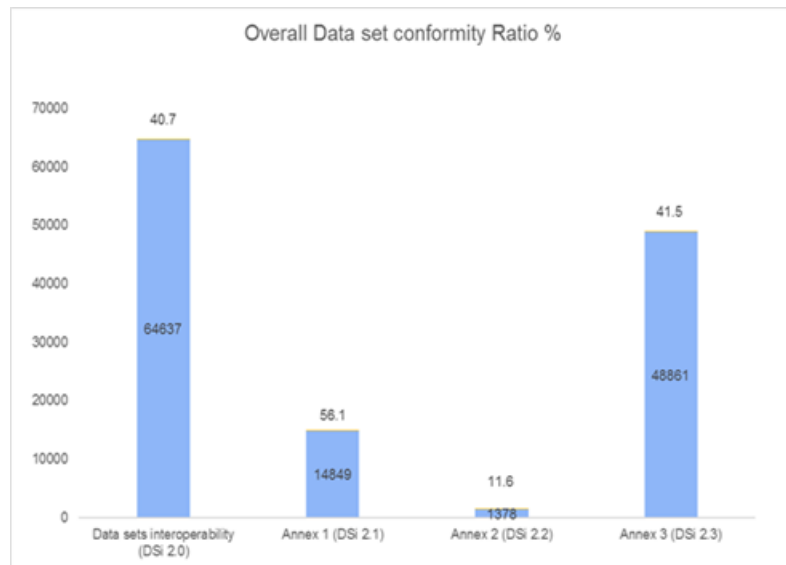
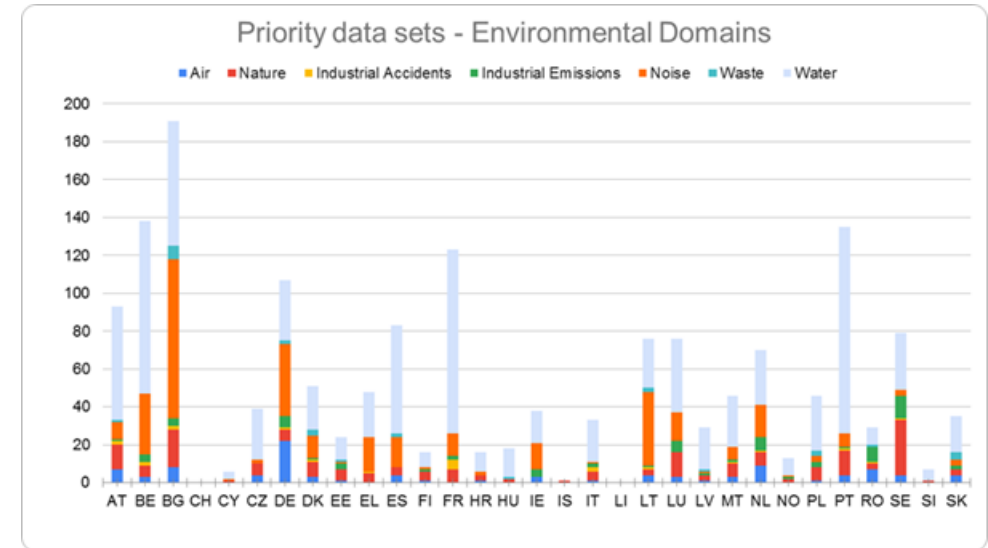
Together we have come a long way since 2007!

<http://www.datacove.eu/ad-hoc-air-quality/>



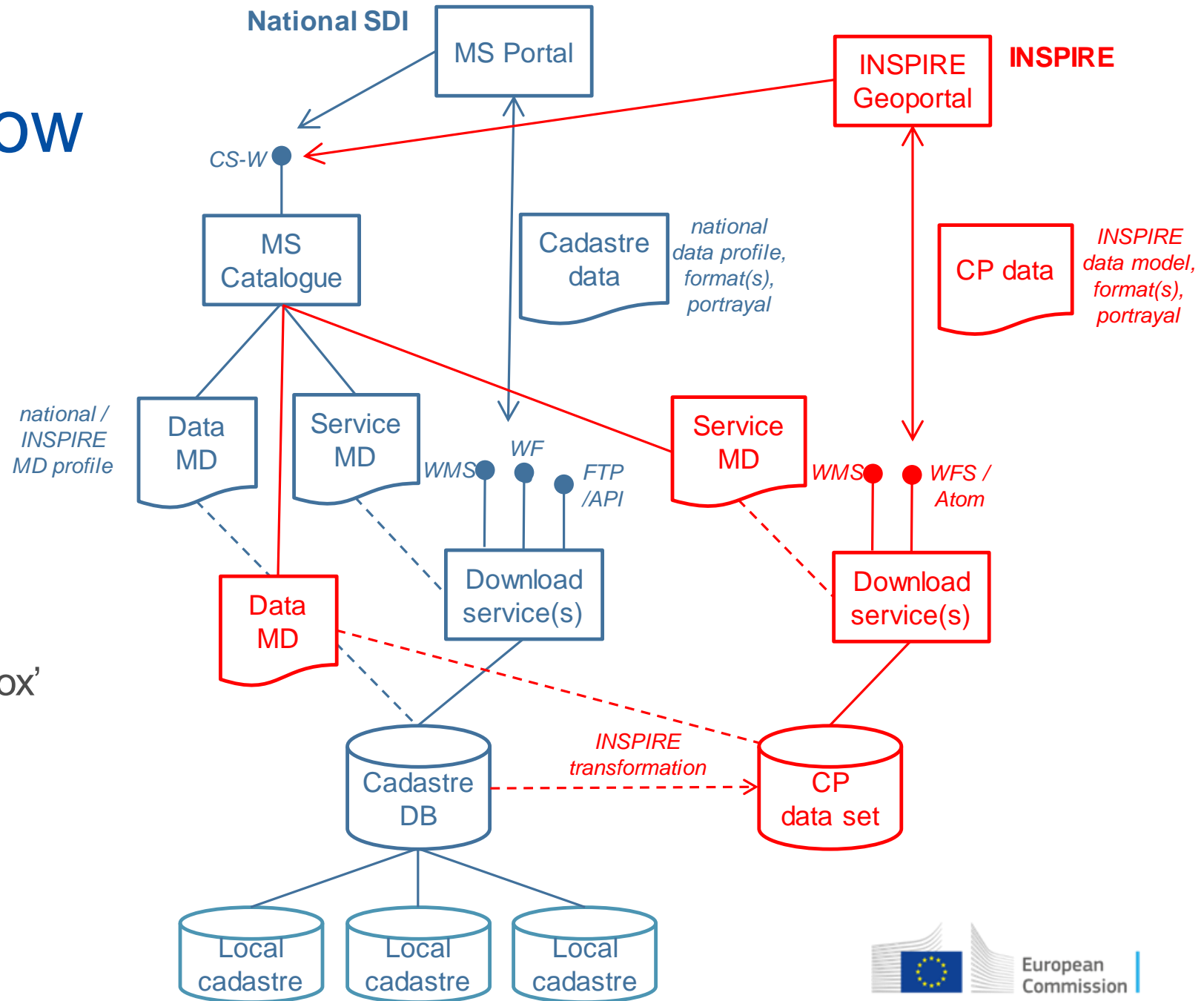
# Monitoring 2019 - outcomes

- Implementations are heterogeneous
- Some gaps still exist



# The INSPIRE infrastructure now

- Complex workflows
- Parallel implementations
- Lot of effort at the national level, but potential not fully utilised
- Implementations to 'check the box'
- National developments invisible



# Towards a common implementation landing zone by 2022

## 1. Continue with simplification measures

- Diversify and relax technical implementation guidelines
- No INSPIRE-specific extensions
- Provide a minimum set of metadata and view/download services for all datasets

## 2. Work towards reusing existing national infrastructures

- Avoid duplications fully in line with Article 1(2) of the INSPIRE Directive

## 3. Align with emerging priorities

- Prioritise activities for pan-European datasets
  - Framework defined by High-value datasets, PDS, EC priority geospatial datasets

# Main feedback received from Member States

- Parallel national developments
- Data harmonisation - flexibility & simplification
- Software tools for INSPIRE implementation
- WP Actions in Area of Work 1 (Annex 1)
- Endorsement of:
  - Closure of Action 2017.3 *Improved client support for INSPIRE data*
  - Closure of Action 2017.4 *Validation and Conformity testing*
  - Initiation of Action 2020.1 *INSPIRE Download Services based on the OGC API - Features standard*

Sli.do time!



# Thank you



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