# The ARE3NA pilot on Linked (open) INSPIRE data

Michael Lutz, Robin S. Smith

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# Action 1.17

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# ARe³NA

## A Reusable INSPIRE Reference Platform

**Interoperability**

**Openness**

open source

**Reuse**

**Collaboration**

… sharing reusable components for **INSPIRE** implementation and interoperability in cross-border/cross-sector contexts

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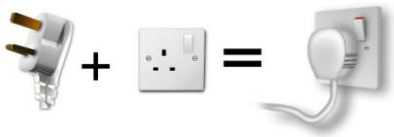
# INSPIRE

- Directive 2007/02/EC – to establish a European spatial data infrastructure
- INSPIRE provides a comprehensive framework for **interoperability of spatial data**
  - inventory
  - data & service sharing
  - data & service discovery
  - network services
  - data interoperability



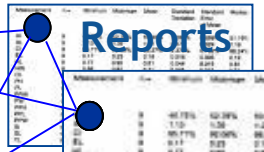


- INSPIRE data can be linked to other thematic data to enable cross-sector & cross-border "location-aware" analyses

# Linking INSPIRE and thematic data


Thematic data






- INSPIRE data can serve as spatial reference for thematic data
- Importance of persistent identifiers
- Alternative encodings (e.g. RDF)?
- E-government applications?

# Linked (open) INSPIRE data – Pilot

Put guidelines* into practice for

- Data (**RDF**)
- Persistent Identifiers (**PIDs**)
- Develop **pilot applications** based on Linked INSPIRE data

→ What are the **e-government use cases** and common areas of interest?


* Developed in ARE3NA in 2014

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# Thanks

Interested in joining the **pilot on Linked (open) INSPIRE data?**

**Contact us at**
are3na@jrc.ec.europa.eu

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