ISO/TC211 Input to EU Data Spaces

ISO-TC211/EC-JRC/EuroGeographics webinar on Data Spaces

June 5 @ 10:30 am - 12:00 pm CEST

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Common European data spaces

Rich pool of data (varying degree of accessibility)

Free flow of data across sectors and countries

Full respect of GDPR

Horizontal framework for data governance and data access

Health | Industrial & Manufacturing | Agriculture | Finance | Mobility | Green Deal | Energy | Public Administration | Skills

- Technical tools for data pooling and sharing
- Standards & interoperability (technical, semantic)
- Sectoral Data Governance (contracts, licenses, access rights, usage rights)
- IT capacity, including cloud storage, processing and services

Geospatial data

High-Value Datasets

High-Value Datasets

- The EU Open Data Directive, part of the broader Digital Single Market strategy, aims to enhance the accessibility and reusability of data held by public sector bodies across the European Union.
  - A key focus of this directive is the identification and utilisation of High-Value Datasets (HVDs).
- Categories of HVDs include
  - Geospatial
  - Earth observation and environment
  - Meteorological
  - Statistics
  - Companies and company ownership
  - Mobility

High-Value Datasets - requirements

- Machine-Readable Formats
- Standardized Data Structures
- Availability via APIs
- Open Licensing - under the CC BY 4.0 license (or less restrictive)

Data Space Support Center

- Funded by the European Commission as part of the Digital Europe Program
- DSSC defines common requirements and establishes best practices to accelerate the formation of data spaces
- DSSC Building Blocks
  - Organisational and Business building blocks
  - Technical Building Blocks

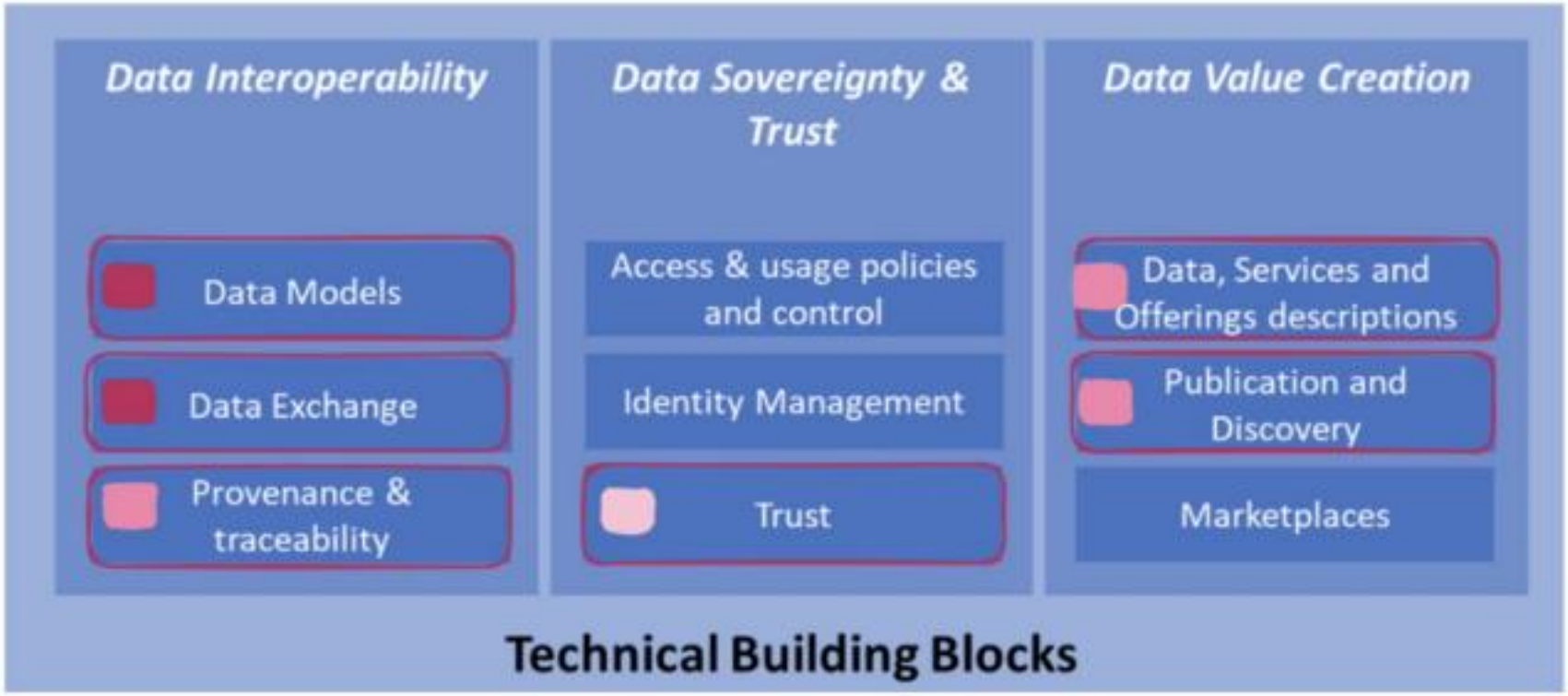
- **Recommendations in the document are stucturally based on DSSC Technical Building Blocks**

DATA SPACES SUPPORT CENTRE

Data Interoperability	*Data Sovereignty & Trust*	*Data Value Creation*
Data Models	Access & usage policies and control	Data, Services and Offerings descriptions
Data Exchange	Identity Management	Publication and Discovery
Provenance & traceability	Trust	Marketplaces

Technical Building Blocks

Focus on Geospatial

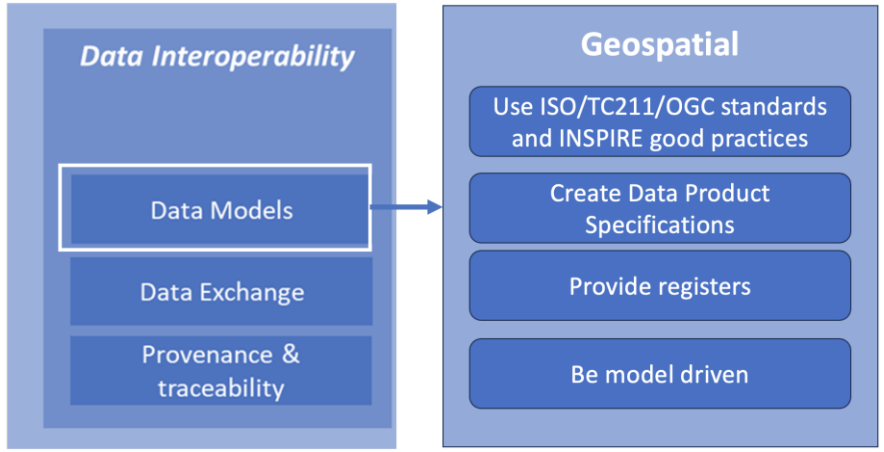


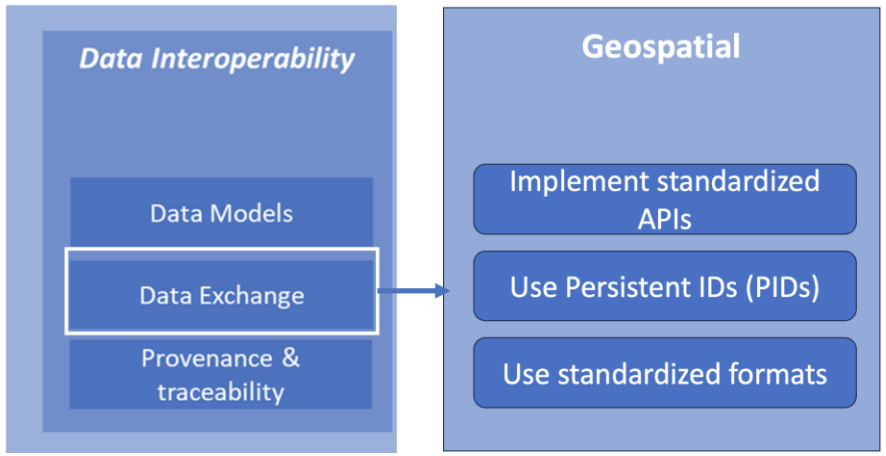
highly relevant towards ISO, OGC and INSPIRE

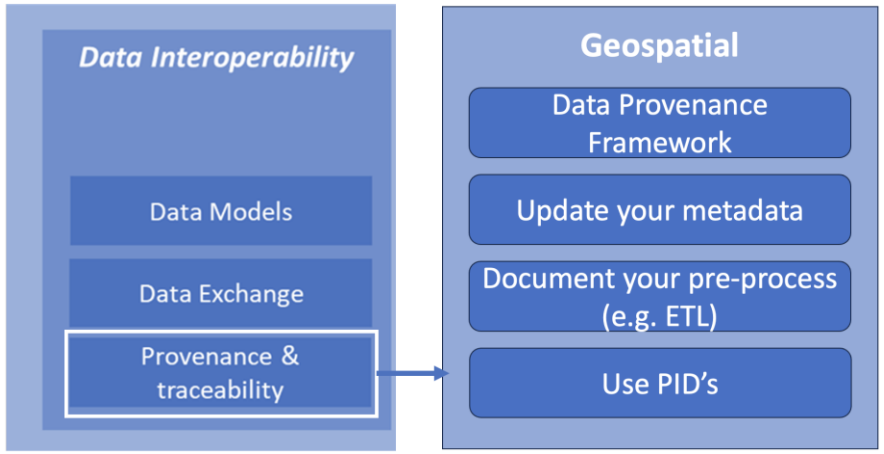
partly relevant for ISO, OGC and INSPIRE, but able to contribute (Data Quality, Metadata, etc.)

partly relevant but dedicated to Data Quality

ISO TC/211 AHG10
Input to EU Data spaces







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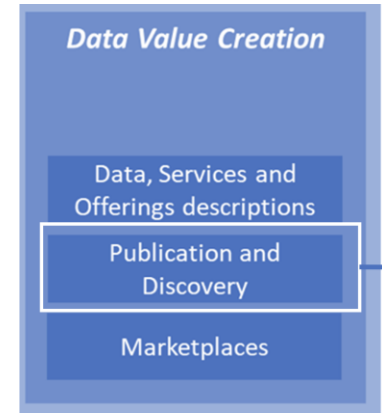
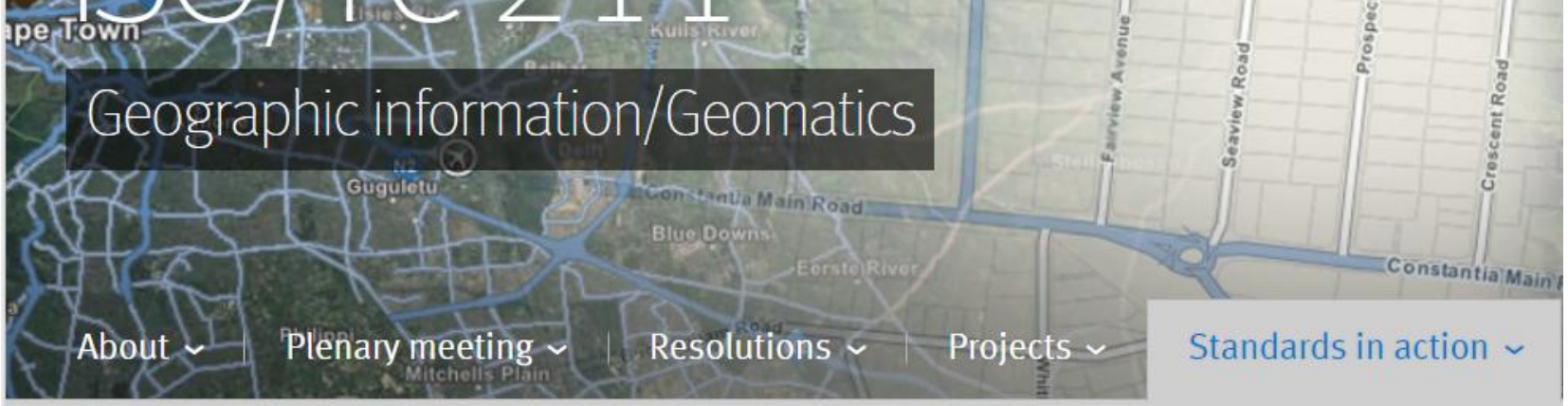


Main recommendations

1. Use ISO/OGC/W3C standards and specifications, INSPIRE Good Practices
2. Persistent unique identifiers
3. Metadata ISO/DCAT-AP/GeoDCAT
   Geospatial API’s
4. Do not re-invent the wheel



EU Data Spaces

ISO/TC 211 **N 5971**

ISO TC 211 – AHG 10

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Geographic Information - Input to EU Data Spaces

Warning for the report

This document is not an ISO International Standard.

Acknowledgements

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AHG 10 Convenor – Jari Reini, Finland

https://committee.iso.org/files/live/users/fh/aj/aj/tc211contributor%40iso.org/files/EU/ISO-TC211_N5971.pdf

Thank you!

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