



# A national cross-domain stakeholder network as the key tool for the integration of statistics and geospatial information in Finland

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- The GSGF in Finland (GSFI) -project
- Application of the GSGF and GSGF Europe in the project
- Analysis of the present status vs. GSGF in Finland, some examples
- The role of the National Network on Integration of Statistics and Geospatial Information in Finland in the integration of statistics and geospatial information

# The GSGF in Finland – Integration of geospatial and statistical information in Finland (GSFI)

- Eurostat funded (SMP-ESS-2022-GEOS-IBA)
- Organisations:
  - Statistics Finland
  - Finnish Environment Institute
  - Land Survey of Finland
- Close collaboration with The National Network on Integration of Statistics and Geospatial Information in Finland (NISGIF)
- Duration: 2/2023 – 1/2025

The GSGF is adapted to the Finnish context  
→ The 1<sup>st</sup> step: Analysis of the present status

The results of the project are relevant for the stakeholders and will be used and further developed after the project  
→ The role of the network

# Application of the GSGF and GSGF Europe in the project

- GSGF:
  - The objectives, the principles, and the key elements → structure for the work and input for the description of the future state
- GSGF Europe:
  - A tool for a systematic analysis from different aspects in European context
  - The Requirements and recommendations document breaks the GSGF into small, concrete and manageable pieces → a framework for the present state analysis and identification of the development needs
- Translations into Finnish together with terminology work!

# Analysis of the present status vs. GSGF in Finland, some examples

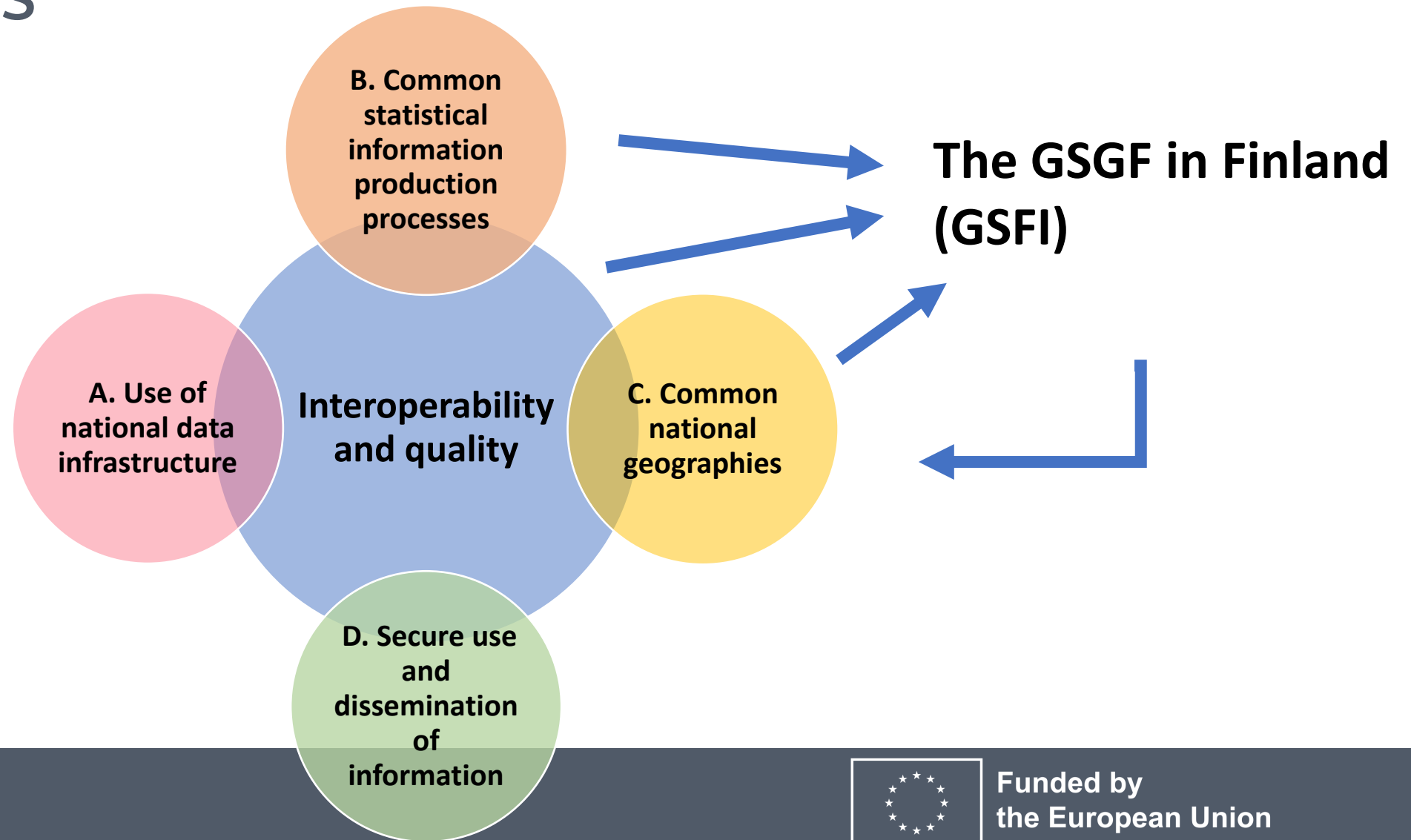


# From One-to-one collaboration to national network

- Over 10 years of geo-statistical collaboration between Statistics Finland and National Land Survey of Finland
  - Several joint Eurostat-funded projects since 2011
  - Interoperability expert group - Digging deeper into cross-agency interoperability of data, processes and services
  - Strategic executive-level steering board - "From pilots to production"
- National network for integration of statistical and geospatial information established in 2021
  - Main goal to promote interoperability, collaboration and communication of integration of statistical and geospatial information
  - Work coordinated by NLSFI, STATFI and Finnish Environmental Institute SYKE
  - About 70 persons from 30 organisations involved – government agencies, academia, municipalities, ministries and private sector

# Integration network strategic priorities

**Enterprise  
architecture  
methodology**



# Challenges for network collaboration

- Network launched amidst covid outbreak with no on-site meetings => Members not particularly familiar with each other
- Lack of a common and clear vision, shared understanding
- More involvement from ministries and private sector required
- Wide gap between state and local level challenges needs to be addressed
- Too little resources for personal active participation, other work obligations need to be prioritized first



# Opportunities of network collaboration

- Versatility and wide range of cross-domain expertise of participants considered as a unique asset
- Voluntary participation with no assigned working task increases innovativeness
- Open and pragmatic discussion from diverse perspectives
- Private sector view: Data integration ecosystem improves understanding and sustainable thinking between stakeholders from different domains. Corporate responsibility first!

# Towards GSFI roadmap and beyond

- Workshops, surveys, online whiteboards, etc.
  - ⇒ Roadmap for GSGF implementation in Finland by end of 2024
  - ⇒ Ecosystem perspective – geospatial and statistical data spaces
  - ⇒ Strategic value stream thinking of cross-domain data integration
  - ⇒ Engage directors and decision-makers to commit to common objectives and secure funding for implementing the roadmap!

# Thank you!

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