GEOSTAT 4 Status

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EFGS 2020 Webinar
20-21 October 2020

Statistics Finland

GEOSTAT 4 project

- Duration of the project: 27 months, 2/2020 to 4/2022

- Financier: Eurostat

  - o **Eurostat grants for 2019**
    Priority area: PA8 " Area of geospatial, environmental, agricultural and other sectoral statistics"
    ESTAT-2019-PA8-E-GEOSTAT 4 (Grant Agreement number 945503). Budget 812 000 euros.

- Consortium:

  - 9 National Statistical Institutes: **FI**, SE, AT, PL, DE, SI, FR, NO, PT

  - 2 National Mapping Agencies: FI, NO

  - 1 other authority: Finnish Institute for Health and Welfare

  - EFGS Secretary: MD Mapping/Marina Backer Skaar

- Expected impact: Strengthening of the statistical geospatial community will foster to achieve a sustainable base for integration of statistics and geospatial information in Europe.

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GEOSTAT 4 – division of work

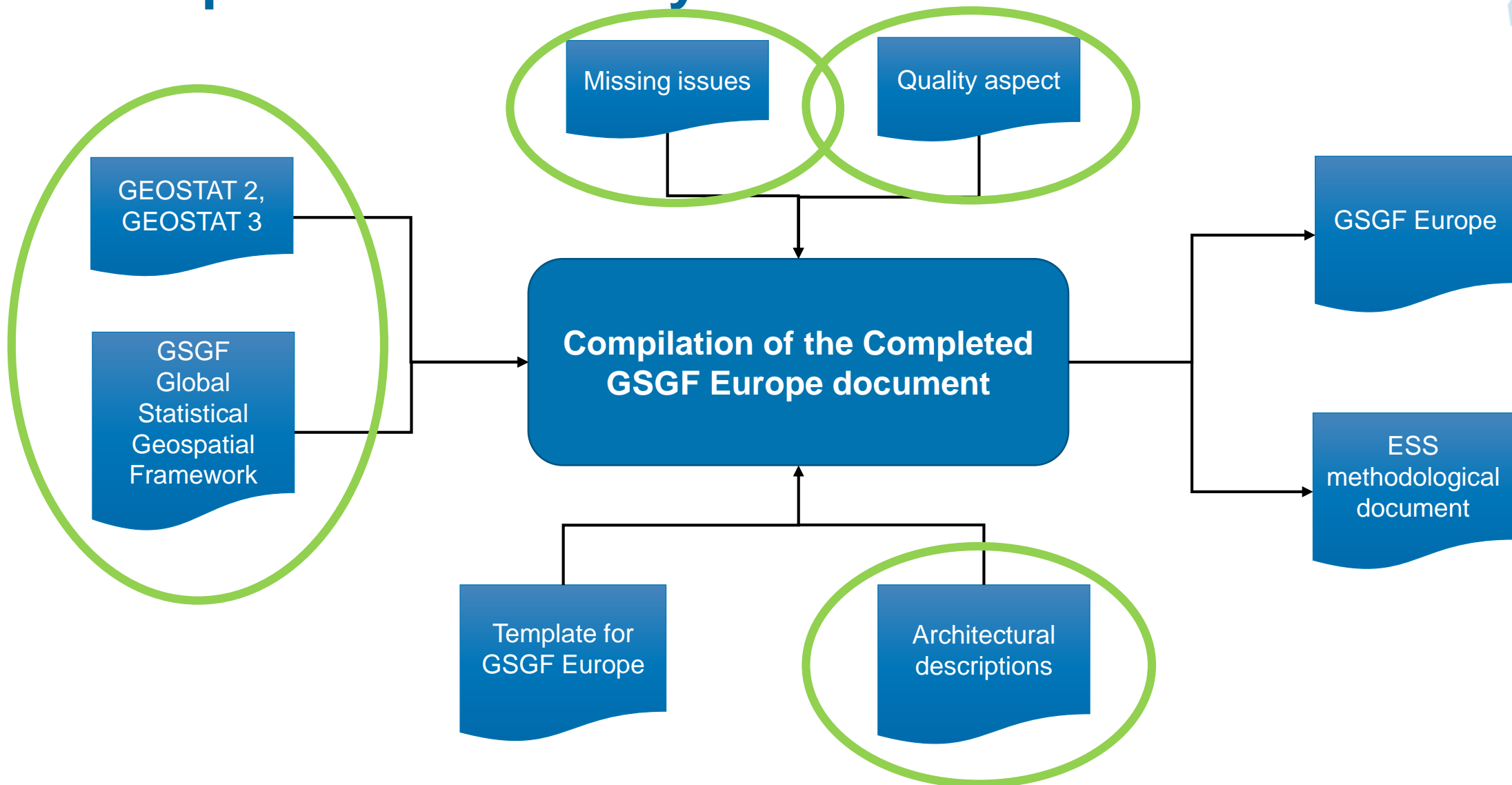|	
A Completed GSGF Europe **WP1 leader: Mervi Haakana, FI**	Supporting the Implementation of the GSGF Europe **WP2 leader: Jerker Moström, SE**
Quality of geospatial information management for statistics **WP3 leader: Ingrid Kaminger, AT**	EFGS website **WP4 leader: Anna Slawinska, PL**
EFGS Conferences **WP5 leader: Hanna Brenzel, DE**	Exploitation, distribution and dissemination **WP6 leader: Igor Kuzma, SI**

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GEOSTAT 4 Consortium
Kick off meeting in Helsinki on 11 and 12 Feb. 2020

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Compilation of the key documents

Objective	Output	Status

Supplement and develop the GSGF Europe
 	
Link the GSGF Europe to the European Statistical System, ESS
	Enhanced GSGF Europe model
	
	Draft for ESS methodological document
		• Architectural work: Actors (roles)
		• Missing issues:
		  • Specific requirements for geospatial statistics based on non-traditional data
		    • The case of Geospatial Big Data
		    • The case of Survey Data

Support the implementation of the GSGF Europe	Benchmark Analysis, Guidance, Use Cases, PoCs, Business Cases	• Benchmark analysis • Comprehensive list of good practices • evaluation of good practises towards the GSGF
Develop quality assessment measures, proposal to integrate into ESS QAF	Propose an enhancement of the ESS QAF, Quality Indicators, Quality Check List	• QAF analysis from geospatial-statistical lens • Suggestions to enhance the ESS QAF
Maintain and enhance the statistical geospatial community in Europe: EFGS WEB, EFGS Conferences	EFGS website, EFGS Conferences 2020 and 2021, Development Plan of the EFGS	• EFGS 2020 Webinar! • Updated web EFGS site • GEOSTAT graphical design • EFGS Strategy Map

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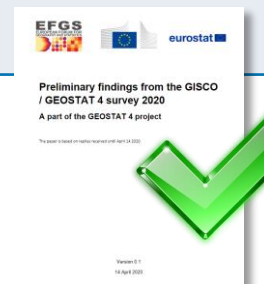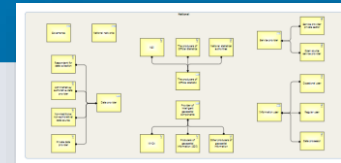
Work continues in the project - and with the community

- Work continues as planned in the work packages
- Consultation of the project's advisory groups (~Spring 2021)
  - UN GGIM Europe
  - UNECE
  - UN EG ISGI
- EFGS 2021 Conference preparations

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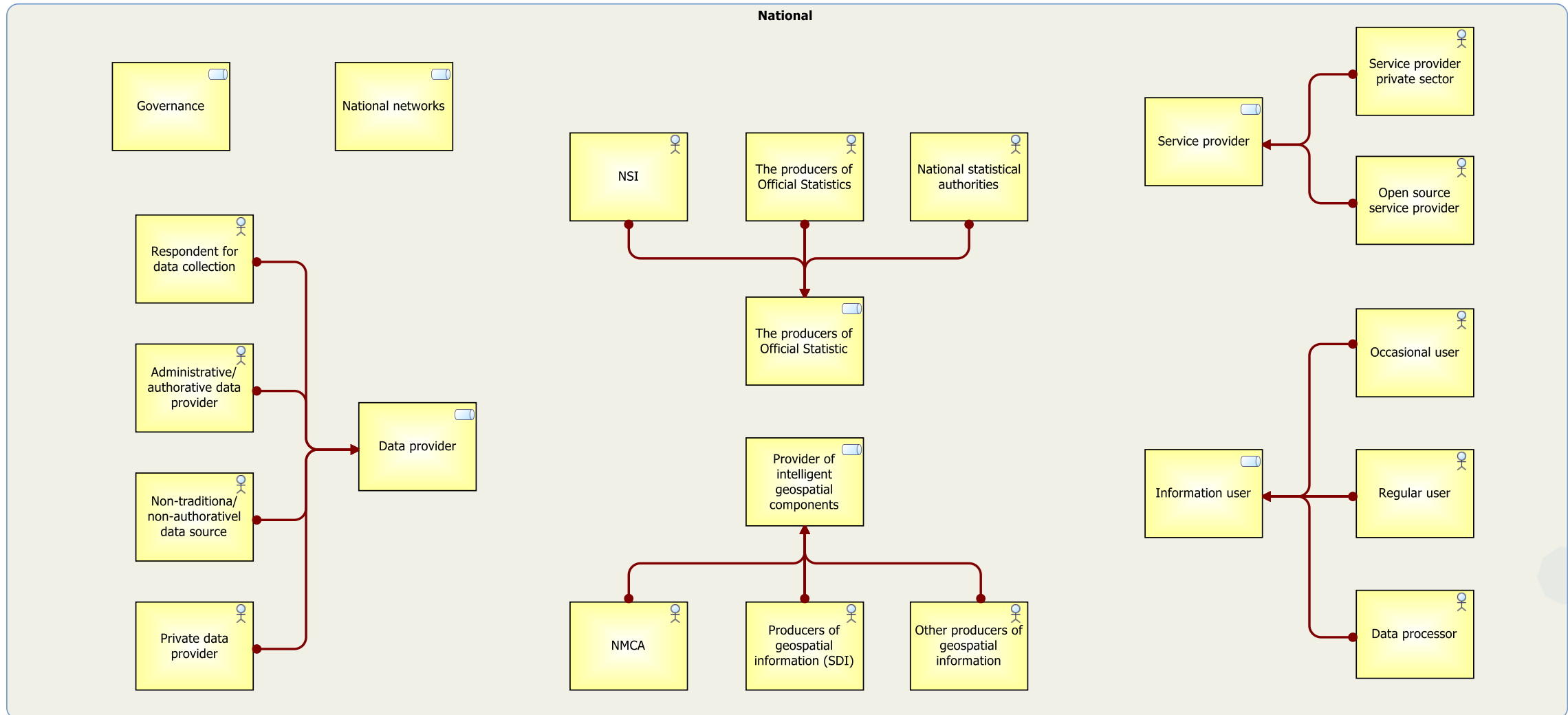Statistics Finland
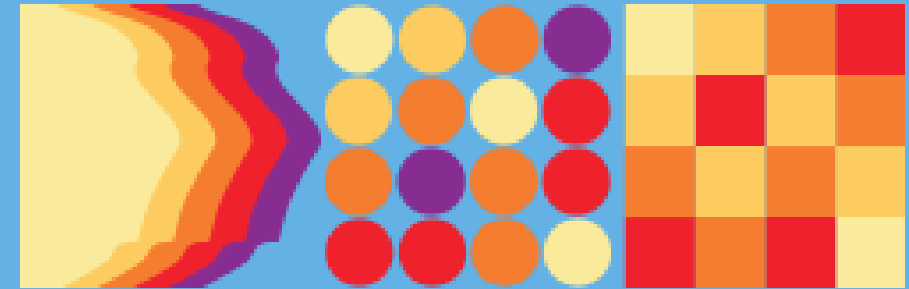
GSGF Europe - Actor map

Geostat 4 and Business architecture work

- Architectural perspective to the outputs
  - GSGF Europe
  - ESS methodological manual on the integration of statistics and geospatial information

- Architectural perspectives
  - Actors
  - Processes
  - Services
  - Information model

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Actor map

- Common understanding of the operating environment
  - Who are the actors of integration of statistical and geospatial information
  - What is the interaction between these actors
  - Three levels: National, European, Global
- Generic perspective -> Roles
  - Common roles at national level
- Pragmatic perspective -> Concrete actors
  - Varies at national level -> Best practice cases
- Outputs so far
  - Actor Map (ArchiMate Enterprise Architecture modeling language)
  - Actor description document
  - Best practice cases (FI, PT)
- Outcome: Tool for the communication and development

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Generic actor map, National level

Actor map, Case Finland

Governance
- Ministry of Finance
- Ministry Of Agriculture and Forestry
- Ministry of Economic affairs and Employment

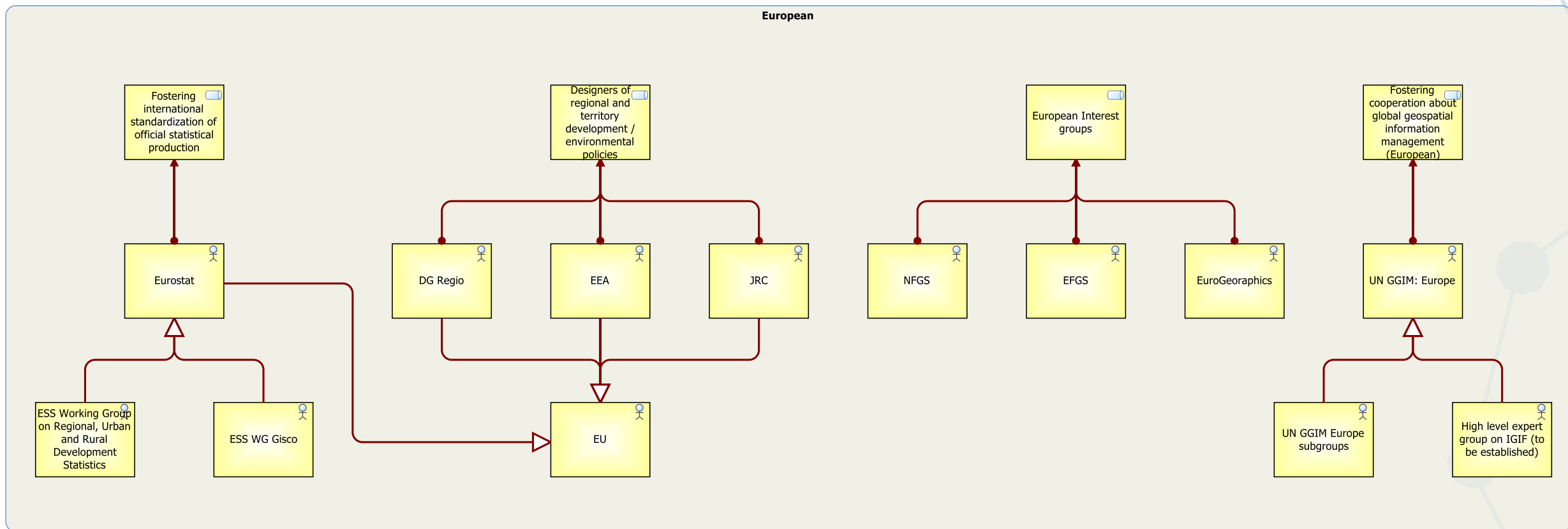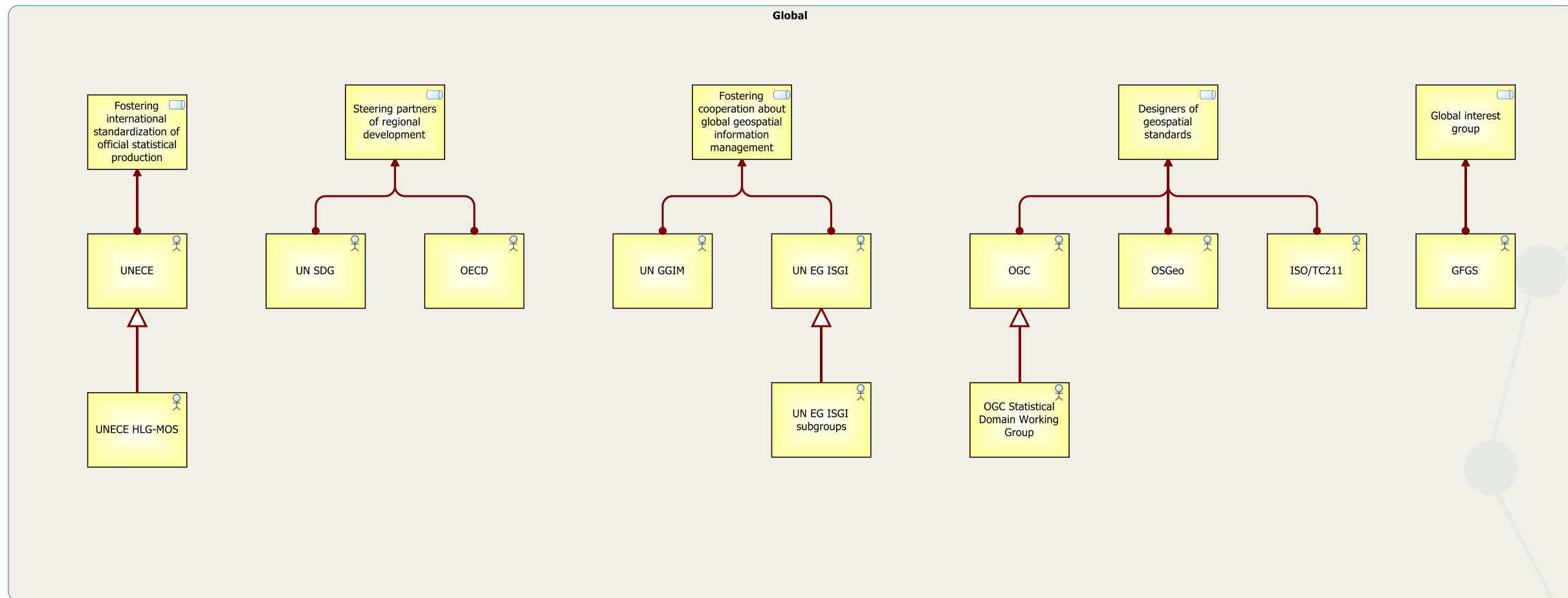**The producers of Official Statistics (National Statistical Service)**
- Statistics Finland
- National Land Survey of Finland
- Finnish Environment Institute
- Finnish Centre for Pensions
- Social Insurance Institution of Finland
- National Institute for Health and Welfare (THL)
- Natural Resources Institute Finland
- Finnish Meteorological Institute
- Finnish Immigration Service
- Finnish Institute of Occupational Health
- Ministry of Economic affairs and Employment
- Finnish Transport and Communications Agency Traficom
- Customs

Provider of intelligent geospatial components
- National Land Survey of Finland
- Municipalities
- Finnish Environment Institute
- National Institute for Health and Welfare (THL)
- Natural Resources Institute Finland
- Statistics Finland
- Digital and population data services agency
- Finnish Meteorological Institute
- Finnish Transport and Communications Agency Traficom
- Finnish Transport Infrastructure Agency
- The Finnish Heritage Agency
- Finnish Safety and Chemicals Agency (Tukes)
- Geologica Survey of Finland
- Finnish museum of Natural History

International Governance
- Eurostat
- UNECE

National Networks
- National SDI Board PATINE
- Oskari Community
- SDI Cooperation Network

Service provider Private sector
- Sitowise
- Spatialworld
- Esri Finland
- Teleoperators
- Spatineo
- Gispo
- Posti

Open source service provider
- QGIS
- GeoServer
- PostGis
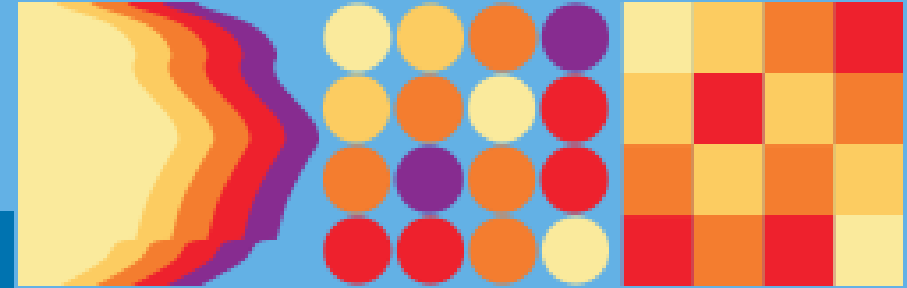- Oskari Community

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Actor Map, European level

Actor Map, Global level

Thank you!
Questions?

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