



SSW2 project update and some further plans to cooperate with the NMA

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Presentation outline

- Cooperation between NSI and NMA in Finland
- Oskari and the National Geoportal
- Spatial Statistics on Web 2
- What's next
- Concluding remarks
- SSW2 results so far by a demo

Cooperation between NSI and NMA in Finland

- A framework agreement with more detailed agreements concerning the development project and data exchange
- High level meetings once a year
- Inspire as a driver for more active cooperation
- Mutual interest to promote coherent development work and compatible services among public authorities

- Knowledge sharing beneficial
- Learning from different organisational cultures

Oskari and the National Geoportal

- Oskari is an open source software for creating web map applications
- The mission of the Oskari platform is to offer easy-to-use, browser-based tools for easily building web mapping applications utilising distributed Spatial Data Infrastructure like INSPIRE.
- All the developed code is released within the framework of Open Source Licenses, MIT/EUPL
- The National Geoportal is an implementation of Oskari
- It is a public and free website that is open to all
- One can view and/or download geospatial data produced by over 50 different organisations in Finland including Statistics Finland
- Data and data services are harmonised and based on INSPIRE and the National Spatial Data Infrastructure Act

SSW2 project (2017-2018)

- Spatial Statistics on Web 1 and 2 projects to improve the services of the National geoportal from the viewpoint of statistics
- SSW2 continues the development of thematic mapping tools
- Supports different web services as input
SDMX REST, PX-Web JSON API, additional support can be added by developing adapters incl. WFS
- New features to the thematic maps tool; Charts, Time series, Animations, Cross-highlighting (table-chart-map)
- All functionality also publishable in embedded maps

What's next

- Oskari is now in an Open Source Geospatial Foundation incubation process to become an internationally acknowledged geospatial open source project
- Use of OGC Table Joining Service in the background
- Suggestions for the development of statistical web services
- Promoting use of standards...
- IGALOD - cooperation expands to include Integration of Geographies and Area classifications as Linked Open Data

Concluding remarks

- Concrete projects with NMA supported by Eurostat grants
- Implementation of INSPIRE and web applications through open source software set the scene to work together BUT
- Mutual interest to improve usability of data and services is the key
- Open source applications have proven feasible for visualising and analysing spatial statistics
- Mutual understanding and trust has been developed, which helps to carry out future joint efforts

Spatial Statistics on Web 2 DEMO

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HAKU

KARTTATASOT

VALITUT TASOT **1**

KARTTASELITTEET

KARTTAJULKKAISU

TEEMAKARTAT

ANALYYSI (BETA)

REITTIHAKU

KÄYTTÖOHJE

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Maastokartta

Ortokuvat

Taustakarttasarja

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Thank you!

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