SESSION DETAILS

Session(s) title: Supporting the democratization of data usage

Session length: 90 minutes

Session type: Regular presentations

Expected number of participants: 50

Community or network proposing the session: The presenters are heavily involved in the development of a second-generation geospatial infrastructure in Finland.

SESSION CHAIR

Name: Lena Hallin-Pihlatie

Affiliation: National Land Survey

SESSION DESCRIPTION AND MOTIVATION

In a democratic society citizens, authorities and decision makers need to be able to easily find and use data: in Finland only 20% of the potential is used. Best possible data should be (re-)used and data should smoothly flow between different organisations and sectors. Additionally, there is a need to establish joint national specifications when it comes to themes like buildings (3D), traffic networks, addresses as well as land cover to support joint data production and re-use of data. Moreover, geospatial data is not an island. Spatial data should be easy to combine with other data.

In the years 2017-2019 a Geospatial Platform was developed as a Finnish Government "Digitalisation of Public Services" key project to come up with solutions to meet the societal needs listed above. As a result, OGC API Features web services were published to improve user experience from a web developer perspective. In some of the services the contents have been encoded according the new INSPIRE alternative encoding guidelines; examples of work done for the INSPIRE themes *Statistical Units* and *Administrative Units* will be presented in this session.

Last autumn the Open Data Initiative in Finland reached its first decade. It all started with Apps for Democracy Open Data competition in 2009 for which it was a struggle to find open data for. Today, one important access point to open geospatial data today is the Paikkatietoikkuna national geoportal, which acts as a demo service of INSPIRE services set up by organisations in Finland. Another important one is the open information service of the Finnish Environment Institute. In this session, we will look into the results of two user queries and learn who the users of these open geospatial services are and what they are using the data for.

Oskari is an award-winning Open Source framework for displaying and analysing geospatial data. The Oskari Community cooperates to maintain and develop the framework. Oskari is the technology underpinning Paikkatietoikkuna. Therefore, you could even say, that Oskari is a spin-off of INSPIRE. Many of the new applications developed in the Geospatial Platform are also based on Oskari.

For the Geospatial Platform build-up and for Oskari, co-operation between state, regional and municipal authorities is crucial. The private sector also plays an increasingly important role.

We hope that the presentations in this session will inspire other communities and countries in their endeavours to rethink and improve usage of data.

Programme Monday 8 June 14-15:30 CEST

Short introduction

From a Geospatial Platform towards an Interoperable Geospatial Data Ecosystem - Case Finland presenter: Panu Muhli, National Land Survey of Finland

Who uses open environmental data and for what purpose: Lessons learned from user surveys of Finnish Environment Institute's open data service presenter: Kaisu Harju, Finnish Environment Institute (SYKE)

The Finnish national INSPIRE geoportal: increasing the use of geospatial data for ten years and more presenter: Sini Pöytäniemi, National Land Survey of Finland

Oskari – Open and Collaborative presenter: Timo Aarnio, National Land Survey of Finland

Back to the Future of INSPIRE and OGC presenter: Sampo Savolainen, Spatineo

Questions