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Oskari - Open Source Spatial Statistics

Oskari is an open source map application platform with a good integration with the statistical domain. Originally Oskari was built for taking advantage of spatial data infrastructures via standard OGC web interfaces but recent projects have added support for also interfaces providing statistical data such as SDMX REST and PX-Web JSON API. By using online API's the end users will always have the most current data directly from the data producer.

Statistical data is joined with its spatial counterpart either from Web Feature Services or from locally stored datasets. The combined data can then be visualized as thematic maps, charts and tables and animated as time series.

The most interesting feature of Oskari is however map publishing. The map publishing tool allows users to define an application (data, tools, look-and-feel) without any programming skills and then embed the end result on a web page. The presentation will include a short demo of creating an embedded map with statistical data and different visualizations and tools.