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The Geospatial Platform in Finland - more effective use of spatial and statistical data

Currently, spatial data in Finland is neither uniform nor harmonised. Due to the lack of interoperability, spatial data is not used to its full potential. Data processing is a laborious task and causes heavy costs for data users.

The Finnish Geospatial platform tackles the problems by providing with multiple services for both spatial data producers and users. The key idea is to harmonise the national spatial data production and make it easier to use the data - even if you are not a GIS expert. Municipalities and other data producers can import their data to the platform, if they meet the common quality standards. The platform is currently in beta phase and the production use will be started during year 2019.

The Geospatial Platform includes a data combination service utilising the upcoming version of the OGC standard for Table Joining Service (TJS). A user can upload a statistical dataset in CSV format. The service combines the dataset with spatial regions and returns it in various spatial data formats, such as GeoJSON and Shapefile.

An important goal of the Geospatial Platform is to support data driven decision management. Statistical and spatial data together can provide with valuable information for politicians and business leaders. More effective use of spatial and statistical data will save society's resources and create new innovations.