

Finland

Creating a more efficient location information infrastructure for Finnish society

The National Land Survey of Finland is contributing to two major governmental projects that are creating a more efficient location information infrastructure for society.

It is working with the Ministry of Agriculture and Forestry and other governmental agencies on The Report on Spatial Data Policy (RSDP) as well as a national geospatial platform.

The RSDP was approved by the Parliament at the end of October 2018. It sets out a spatial vision for Finland as well as guidelines for future GI policy. The goal is to deliver the most innovative and secure spatial data ecosystem in the world. To achieve this, the report has defined the public sector's responsibilities and roles to ensure the efficient and timely production, maintenance and use of spatial data within public sector. It also addresses the protection of personal data and society's comprehensive security.



The potential and realised benefits of the use of spatial data in built environment

The final phase of the RSDP will be developing an action plan and putting it into practice.

The report is available in Finnish, Swedish and English at <https://mmm.fi/paikkatietoselonteko>.

The Geospatial Platform collects spatial information from the public administration to make it available to users. It is being built within the common spatial data platform project. The aim is to harmonise and extensively improve the e-services provided; to improve data-based decision-making; to increase transparency; and to save costs. The first pilot version is already in place with limited services at <http://beta.paikkatietoalusta.fi>.

The results so far include:

- The economic value of spatially enabled services in Finland, including the impact of the Geospatial Platform (Spatineo 2018).
- Common specifications for the maintenance of spatial data: Buildings, addresses, traffic network, hydrography, land cover and use.
- National access for EU satellite data
- Common quality rules and automated quality guard service for data providers. This work is building from the ESDIN and ELF projects.
- Intelligent metadata search, including Google search.
- Approach for innovation through the Geospatial hub concept.
- Modern APIs (i.e. WFS3).