

Slovenia

Surveying and Mapping Authority of the Republic of Slovenia

Establishing a Joint Spatial Information Infrastructure for improved efficiency and decision-making in Slovenia

“Spatial information is becoming extremely important in today’s digital world. To further increase its impact and facilitate its development, it is vital to connect and set up a joint digital infrastructure. Establishing links between different institutions and data sources is crucial for improving efficiency and the quality of processes and provision of spatial information. Moreover, such joint infrastructure will allow us to better manage, plan and make decisions at all levels.”

Tomaž Petek
Director General,
Surveying and Mapping
Authority of the Republic
of Slovenia

Slovenia has successfully tested its joint infrastructure project as a tool to identify land for rebuilding in the aftermath of the 2023 floods.

The test version of the joint infrastructure combined several layers of data from different institutions, including orthophoto, waters, century waters, five-hundred years waters, and undeveloped building land. It was proven to be an effective tool for finding replacement land for destroyed homes and negotiations between the state authorities and municipalities.

The joint infrastructure is not only synonymous with IT solutions or equipment, it also includes processes, agreements, organisation, standards and, above all, people.

The Joint Spatial Information Infrastructure project is a part of Green Slovenian Location Framework - GreenSLO4D. It connects six participating institutions within the Ministry of Natural Resources and Spatial Planning and the Ministry of the Environment, Climate and Energy. The goal of the project is to establish a national infrastructure for spatial information, which will be based on the United Nations Strategic Framework for Integrated Geospatial Information (IGIF) and will be supported by an effective management system and an empowered team.



Benefits

- Enables digital transformation of the entire spatial, real estate, and environmental sector.
- Optimises processes.
- Improves support for users in need of services and data from various sectors.
- Supports green transition – Recycle Space Slovenia (RSS).
- Provides a decision-making tool for government that enables a comprehensive approach that takes all factors into account.