

Hungary

Lechner Knowledge Centre

Hungary launches key digital initiatives to improve spatial data and public services

“We are modernising Hungary’s spatial data infrastructure to create more efficient, user-friendly public services. By digitising simpler processes, we are reducing waiting times for citizens and allowing staff to focus on more complex tasks. These initiatives collectively demonstrate Hungary’s commitment to making spatial data more accessible and interoperable for everyone.”

Attila Hülber
Executive Director,
Lechner Knowledge Centre,
Hungary

Digital transformation initiatives underway at the Lechner Knowledge Centre in Hungary are improving public administration and access to spatial data.

Lechner Knowledge Centre is collaborating with GIS, IT, remote sensing, and public administration experts to establish a spatial data strategy that further improves integration with both domestic and European Union spatial data ecosystems. This provides guidance on leveraging spatial data (maps, addresses, land coverage, satellite images), encourages innovation, and support cooperation between data owners, government institutions and private companies.

The long-term goal is to establish a common viewpoint and guarantee compliance with rules and regulations defined by the European Union, the Hungarian government, professional partner organisations, and clients. The strategy is expected to be released in phases by spring of 2026. After this, Lechner Knowledge Centre will invite national spatial data stakeholders to create common positions and a unified national strategy.

Datacity – A spatial data decision support platform

The Datacity project will support urban development and municipal operations through a new data visualisation and analysis platform. This allows users to examine complex spatial data by using simple, spoken language questions. Whether a municipal decision-maker, an office worker, or a resident, users are not required to write an SQL query but can ask their questions in natural language.

The platform collects, integrates and analyses diverse datasets (demographics, infrastructure, traffic, buildings, services) to generate maps, charts, and reports that simplify complex spatial data. Its aim is to bring together data from national, local, and community-generated sources, and incorporate successful local solutions.

Land Registry Number Search Application

An innovative application from the Lechner Knowledge Centre is helping citizens easily find a land registry number and view properties on an interactive map. It offers a simple, login-free user experience and was developed using user research and weekly live interviews to validate improvements.

The tool has applications for commercial companies (shipping and pick-up addresses), insurance companies, spatial data processing companies, and local governments to identify brownfield properties. The application can be expanded with different data for different target groups, for example additional map layers or real estate data.



More information:
<https://lechnerkozpont.hu>

