

Success and Growing Use of Geo Data Asks for Integrated Information Supply

Janette Storm (Netherlands)

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SUMMARY

Buildings and addresses, the nationwide register BAG, is a successful dataset, combining geo-location and administrative references. BAG-data supply started in 2011, now over 3.4 billion requests a year and use is growing.

Success through: User influence, Viewer, Quality focus

How can we address the growing use? And facilitate government and companies to easier solve social issues with geo-data, ranging from real estate and healthcare to energy and infrastructure.

Two main directions for development:

- 1 Actual data, easily and guaranteed available from a central facility
- 2 Provide (geo)data as a coherent set of 3D objects with administrative data.

1

Users appreciate the nationwide consistency of the data on addresses and buildings. This key-register provides basic information, like building year, geo-location and correct spelling. Municipalities maintain the dataset on a daily basis and ensure good quality and completeness. Kadaster supplies the information to all interested parties.

More and more user-groups discover the benefits of using the standardised, nationwide dataset. Often discovered by using the BAG Viewer. Use via applications is also growing. We adjust our

infrastructure and architecture to be prepared for further scaling.

Improving the quality level has been the main focus from the start, this shows as the BAG user satisfaction has grown to 7.5.

2

Historic developments have resulted in several high value, high quality, high accuracy geo-datasets. Topography is over 200 years old. The Addresses and Buildings register is nationwide and standardized only since 2011.

Users need combined information from several datasets to address issues, like energy-transition. The Netherlands is developing a coherent objects register to better service users with geo and administrative data. Good quality of both the datasets, and the connections is necessary.

Showing the combined geodata in a 3D viewer (Digital Twin) will help users to find and use the data. User experience will help us improve combined services. What aspects need quality improvement? How do users want to receive the information to use for e.g. analyses and healthcare policies?

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