plan4business - A service platform for aggregation, processing and analysis of urban and regional planning data

Call
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Coordinator
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Budget
EUR 2.540.956 (EU contribution EUR 1.785.000)

Website
www.plan4business.eu

Keywords
spatial data, spatial planning, urban planning, real estate, data integration, analysis, web maps, 3D visualisation

Challenges
Urban and Regional Planning data sets are not aggregated so far, and thus it is very difficult to use them for any other purpose than for printing of simple publishing by the authorities that they were created by. Creating time series or comparative analyses on these data sets is not yet possible; researchers, spatial planners and professionals from the real estate world and other disciplines, such as insurance industry, investors, or market-relevant activities related to urban development have a growing stake in such capabilities. The two main challenges that have so far hindered usage of planning data in such a manner are the required integration and harmonisation, which needs to be highly automated, as well as the need for an ICT system that can efficiently answer complex queries over the diverse and complex planning data sets.

Objectives
The plan4business project aims to develop a platform that can serve users a full catalogue of planning data such as transport infrastructure, regional plans, urban plans and zoning plans. The platform offers clients not just the data itself in integrated, harmonised and thus ready-to-use form, but it also offers rich analysis and visualisation services via an API and an interactive web frontend. Functions offered range from simple statistical analysis to complex trend detection and to 2D/3D representations of these.
PROJECT PARTNERS

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