

Land Information System (LIS) in Multilevel Environment

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SUMMARY

The contribution will briefly outline the principles of land registration, of land-use planning and of real estate cadastre including their mutual interrelationship in Germany. The currently reached status of system development will be described. Special credit will be given to the development of IT standards. In Germany a countrywide operating system for land-use control is in use. Property information is held in two systems, namely in the German land registration system and in the real estate cadastre system. Spatial planning takes place at different public administration levels, namely at the national level, at the state level and at the municipal level. Local land-use planning processes at the municipal level start from the presetting given by superior national and regional planning specifications and finally result in legally binding land-use planning documents. Land-use planning, building construction activities and land parcel documentation (parcel location, parcel size, building location) are closely interrelated. Technical developments currently take place in all mentioned fields. Specific reference has to be given to ALKIS, the new German IT standard for the real estate cadastre system and to XPLANUNG, the new IT standard for urban land-use plans which is currently under development.

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