ESPON

EUROPEAN UNION

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Inspire Policy Making with Territorial Evidence

TARGETED ANALYSIS //

DIGIPLAN – Fact sheet on digital plan data in Austria (Tyrol)

Annex 2.1 of final report

Final delivery // June 2021

This Targeted analysis was conducted within the framework of the ESPON 2020 Cooperation Programme, partly financed by the European Regional Development Fund.

The ESPON EGTC is the Single Beneficiary of the ESPON 2020 Cooperation Programme. The Single Operation within the programme is implemented by the ESPON EGTC and co-financed by the European Regional Development Fund, the EU Member States, the United Kingdom and the Partner States, Iceland, Liechtenstein, Norway and Switzerland.

This deliverable does not necessarily reflect the opinions of members of the ESPON 2020 Monitoring Committee.

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Cite as
ESPON DIGIPLAN (2021) Fact sheet on digital plan data in Austria (Tyrol). Annex 2.1 of final report. https://www.espon.eu/digiplan

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Acknowledgements
We would like to thank the experts who participated in the interviews.

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ISBN: 978-2-919795-63-5

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Published in June 2021

Graphic design by BGRAPHIC, Denmark

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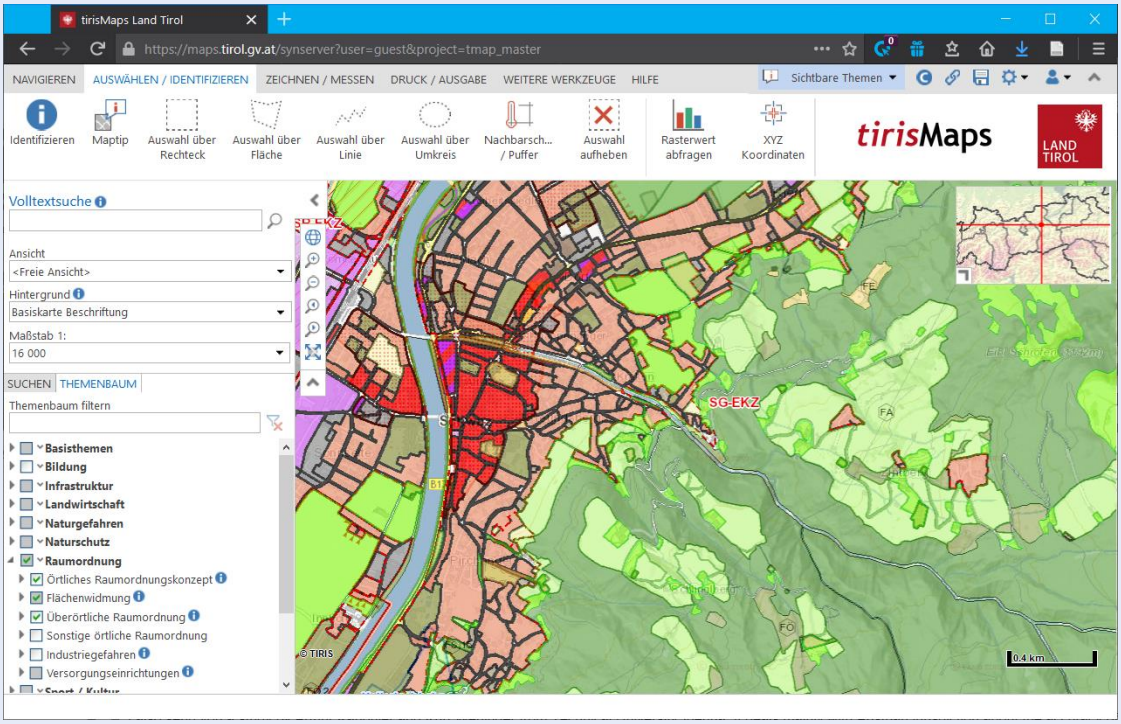
This fact sheet summarises the experience in digitisation of plan data in Tyrol, Austria. This explorative investigation includes information on the digitisation of plan data, on the digital platform that contains plan data, the current uses of digital plan data as well as foreseen developments of the investigated platforms. The inputs are based on both a desk study and interviews with experts at the Department Spatial Planning and Statistics, Government of Tyrol.

Austria (Federal; three levels of government)

Austria is a federal republic with 9 federal states (Bundesland) and more than 2000 municipalities (Gemeinde). Legislation and implementation of spatial planning is done by the nine states. Each state has its own spatial planning law. Digitalisation of plan data is different between the states. The municipalities are the local planning authorities, under supervision of the respective state. The state of Tyrol has 755,000 inhabitants and 279 municipalities. The digital plan data portal investigated is tirisMaps, the Tyrolean spatial information system (https://maps.tirol.gv.at)



The nine Austrian federal states also have a joint portal, “Geoland.at”, where land use data across all of Austria is shown in a harmonized way.

https://www.geoland.at/webgisviewer/geoland/map/Geoland_Viewer/Geoland

Background information	
Main stakeholder(s)	Regional government / administration
Level of digitalisation of the geoportal	Advanced: tirisMaps includes high quality data and allows for a lot of advanced functions. It also fully supports the legal steps in the planning process of the municipal land use plan and produces the actual digital maps.
The digitisation of plan data	
Main purpose(s)	Efficiency (digital processes), transparency (accessibility), combination with other data (e.g. full text search functions across all plans in Tyrol), combination with other data (own or provided) directly in the portal for analysis functions)

Austria (Federal; three levels of government)	
Added value	Cost reduction (before the state had to digitize about 1,400 land use regulations changes each year by themselves) Improved legal planning processes, improved data flow
Main driver(s)	The spatial planning law requires the state to collect plan data, which was previously done analogue (e.g. with transparencies) In the 1980s interested individuals drove the development of geodata Planning must be connected to the Austrian cadastre, which became digital in 1995 In 2011 the Tyrolean spatial planning law was changed so that land use plans (from 2013 onwards) have to be published electronically
Main obstacle(s)	Judicial situation as a barrier for legally binding digital plans administered jointly at the state-level, as it takes competences, which are located at the municipal level.
Standards and methods	Spatial planning law from 1990s defines plan symbols / legend / scales etc. Municipalities (or consultants) register the plan and plan process data in the system – data can be upload or directly changed in the system
The current platform	
Type of digital plan data included	More than 500 vector data layers (e.g. planning, nature protection, addresses) are currently included. GIS layers from state-level / regional plans are included. Municipal land use plans from all 279 municipalities are fully included. More detailed local plans (Building up plans) are not included.
Legal status of the digital plan data	The plan as PDF is legally binding, but the PDF gets generated out of the system (TIRIS).
The current uses of digital plan data	
Type of users	No detailed statistic, but 2/3 are external, i.e. not from within the administrative system (e.g. state, municipality)
Number of users (monthly or yearly average)	About 100,000 map calls every day (each zoom is one map call)
Example of evaluation of planning practices or innovative practices	The full legal process is digital, current data is automatically quality-tested regarding geodata standards.
Foreseen developments	
Impact analysis of plans, e.g. a kind of “notification tool” showing conflicts, risks etc. for suggested plans.	

Levels	Planning instruments (Name in English)	Planning instruments (Name in local language)	Included in the geoportal “tirisMaps”
National	Austrian Spatial Development Concept	Österreichisches Raumentwicklungskonzept (ÖREK)	No, the Tyrolean portal only includes plans from Tyrol and its local authorities
	Federal sectoral plans with major spatial implications (transport, mining, forestry, water, energy…)	Fachplanungen des Bundes	

Levels	Planning instruments (Name in English)	Planning instruments (Name in local language)	Included in the geoportal "tirisMaps"
Sub-national	State Development Programmes or Plans	Raumordnungsprogramme oder -pläne	Partially: Full plan (PDF report) not directly accessible, but specific GIS-themes of the plans are integrated
	Regional Development programs or plan	Regionalprogramme oder -pläne für Planungsgebiete	
	Sectoral programmes or plans (e.g. nature conservation)	Raumordnungsrogramme oder -pläne für Fachthemen	
Local	Local Development concepts	Örtliches Raumordnungskonzept	Yes
	Land use plans	Flächenwidmungsplan	Yes
	Local regulatory plans / Building up plans	Bebauungsplan	No

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