
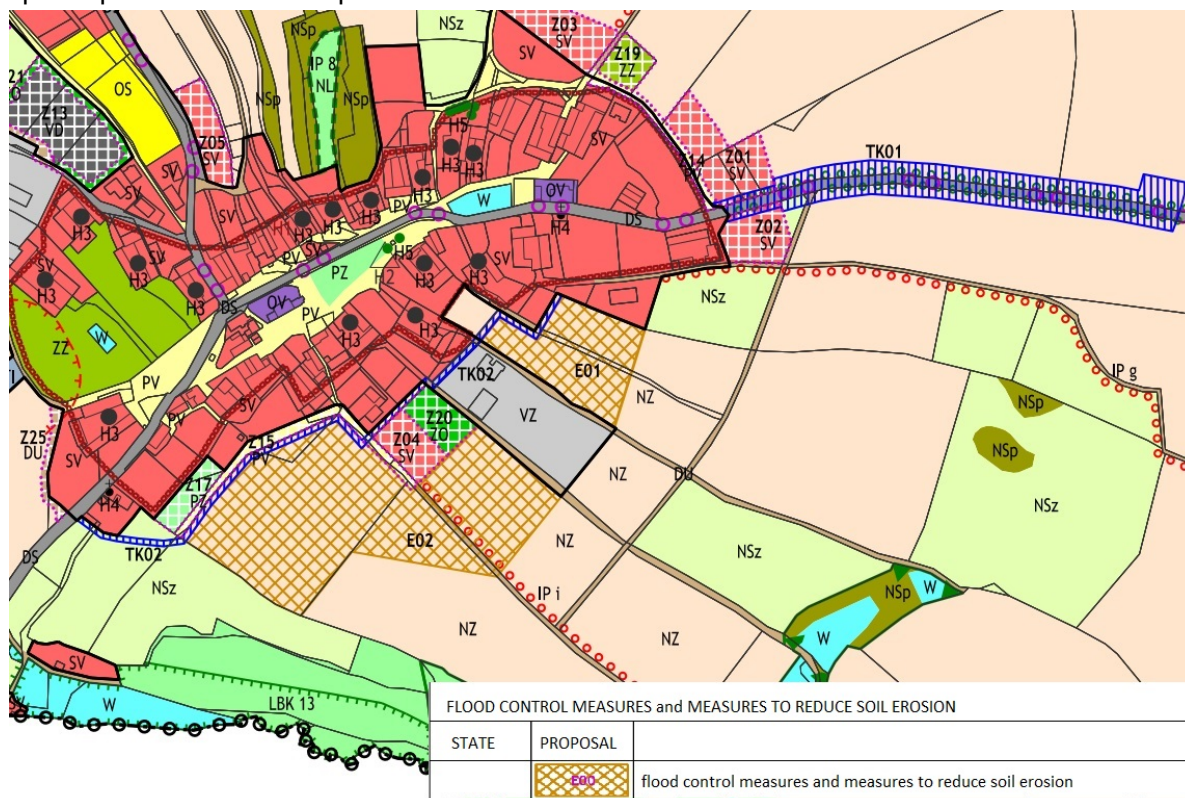


FACTSHEET RISK REDUCTION MEASURES	
Setting conditions for certain risk areas in spatial plan of municipality Ratiboř	
Where was it implemented?	
Ratiboř (near Jindřichův Hradec, South Bohemia Region, Czech Republic)	
Fields of action	
<ul style="list-style-type: none"> • Settlement area 	
Related to measure from the catalogue of measures	
<ul style="list-style-type: none"> • Avoidance of building in risk areas • Avoidance of building in risk areas zones: Designation of specific grassland or protection zones 	<p>Source: The Region of South Bohemia, The section of Territory Planning</p>
Area characterisation	
<ul style="list-style-type: none"> • Area type: Non-developed area • Landscape type: arable land 	
Problem	
<p>A part of the urban area of Ratiboř is located at the foot and slope of a hill. A plateau, which is located above the village, is used for agriculture. The village is endangered by torrential water from heavy rainfalls. In case of a heavy rain event, a concentrated runoff of surface water can occur and as a consequence, buildings can be flooded.</p>	
Description and aim	
<p>A planner proposed possible measures to reduce the risks of heavy rain in the spatial plan. But the municipality did not have adequate resources and had a limited budget. Therefore, only a drainage channel was included in the spatial plan and regulations were set for a certain area.</p> <p>Extract from spatial plan Ratiboř- regulations for land use</p> <p><u>Admissible land use:</u> buildings, installations or other measures for risk reduction of ecological and natural disasters; measures and structures used to drain of or retain water during heavy rain events (for example: dry retention reservoirs, small dikes, ditches, furrows); activities, measures and uses which can be considered as risk reduction of water erosion and which increase the retention capacity of the landscape (for example grassing, cultivation on the slope, baulks, furrows, realization of infiltration belts, small dikes, crop rotation and other agrotechnical and technical measures); technical and transport infrastructure.</p> <p><u>Inadmissible land use:</u> permitting structures (including temporary structures), that are excluded from the permitted use in the spatial plan in the respective area; land use that would make it impossible to realize the proposed measures; measures and land use that would accelerate the runoff conditions or could make them secondary.</p> <p>Erosion and flood risk reduction measures, measures for water retention in the landscape, construction and revitalization of water surfaces and watercourses are made possible by the land use conditions in the whole investigated area.</p>	
Effect of measure	
Protection of the endangered part of the village against floods in heavy rain events.	

Description of implementation	
Effect horizon: long-term	Involved stakeholders: the authorities concerned in the spatial planning process, landowners, inhabitants of Ratiboř, public
Implementation: spatial plan was solved 2015-2018	Initiator / responsible Municipality Ratiboř, planner of the spatial plan
Lessons-learned	
The proposed land use regulations will prevent the implementation of unsuitable structures, while at the same time it will enabling the construction of specific field measures such as a ditch, a drainage channel, etc.	
Main success factor: Selection of a suitable spatial planner who cooperates with the municipality and the procurer.	Main challenge: Development of a proposal for flood protection measures that are functional and correspond in size and detail to the spatial plan.
Synergies / beneficial aspects: The municipality can ensure the flood protection of its urban area with minimal costs.	Conflicts / Constraints: Limited municipal budget.
Key message to others starting with a similar task	
If the municipality does not have a sufficient budget for constructions, it is possible to set conditions for certain risk areas in the spatial plan.	
Contact	
The Region of South Bohemia, The Section of Territorial Planning www.kraj-jihocesky.cz Contact list: https://www.kraj-jihocesky.cz/ku_tseznam/os?id_os=94	

Spatial plan Ratiboř - main plan



Source: The Region of South Bohemia, The section of Territory Planning