


FACTSHEET RISK REDUCTION MEASURES	
<b>Establishment of principles and regulations in the spatial plan of the municipality Nová Ves</b>	
<b>Where was it implemented?</b>	
Nová Ves, nearby České Budějovice (South Bohemia Region, Czech Republic)	
<b>Fields of action</b>	
<ul style="list-style-type: none"> <li>Settlement area</li> </ul>	
<b>Related to measure from the catalogue of measures</b>	
<ul style="list-style-type: none"> <li>Avoidance of building in hazard zones: Adaptation/re-zoning/shifting of building areas</li> <li>Establishing and considering of local and regional landuse planning</li> <li>Infiltration belts (grass) and buffer strips (permanent vegetation)</li> </ul>	
<b>Area characterisation</b>	<p>Source: The Region of South Bohemia, The section of Territory Planning</p>
<ul style="list-style-type: none"> <li><b>Area type:</b> non-developed area</li> <li><b>Landscape type:</b> meadows</li> </ul>	
<b>Problem</b>	
The village is located in a hilly landscape. Land above the village is agriculturally cultivated (arable land and meadows). Large fields aren't subdivisoned. The village is endangered in case of a heavy rain event.	
<b>Description and aim</b>	
There are two specific measures defined in the graphical part of the spatial plan: planting of a vegetation belt (relocation of the local biocorridor due to the road bypass) and the implementation of a water channel (partly open, partly piped). The text part of the spatial plan contains a separate chapter defining heavy rain risk reduction measures: preservation of existing watercourses, including an 8 m wide access strip, maintenance of existing vegetation along watercourses and increasing the natural retention capacity of the area (for example sowing suitable grass cultivars).	
<b>Effect of measure</b>	
Establishment of general principles for protection against floods caused by heavy rain events.	
<b>Description of implementation</b>	
<b>Effect horizon:</b> long-term	<b>Involved stakeholders:</b> authorities involved in spatial planning process, landowners, inhabitants in Nová Ves, public
<b>Implementation:</b> 2008 - 2014	<b>Initiator / responsible</b> Municipality Nová Ves, planner of spatial plan
<b>Lessons-learned</b>	
The spatial plan generally proposed measures against flooding during heavy rain events. These measures were also to be specified, for example during land consolidation.	

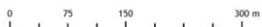
<p><b>Main success factor:</b> Selection of a suitable spatial planner who evaluates problems in the area.</p>	<p><b>Main challenge:</b> Development of a proposal for appropriate flood protection measures which correspond in size and level of detail to the spatial plan and are acceptable by landowners.</p>
<p><b>Synergies / beneficial aspects:</b> Establishment of general principles of protection against flooding during heavy rain events.</p>	<p><b>Conflicts / Constraints:</b> Finding the right size and detail of measures against flooding during heavy rain events. The localization of single furrows was evaluated as too detailed.</p>
<p><b>Key message to others starting with a similar task</b></p>	
<p>Protection against heavy rains has to be solved in many spatial plans. However, this is not always a major problem in order to define specific measures. A very effective preventive measure is the establishment of principles and regulations applicable to the location of buildings on sloping terrain. Specific measures should be defined in more detailed documents, e.g. land consolidation, regulatory plan, planning studies.</p>	










### Nová Ves village

risk reduction measures stated in spatial plan

1:5 000



-  proposed water channel
  -  proposed water channel in pipe
  -  proposed area - residential
  -  proposed relocation of major road
  -  risk reduction measures
  -  building (source RUIAN)
  -  slope gradient more than 3,5 (source DMR 5G ČUZK)
- Background map: ortophoto (ČUZK)  
hill shading (DMR 5G ČUZK)



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