

# EIA "Scoping,, Case Example 1

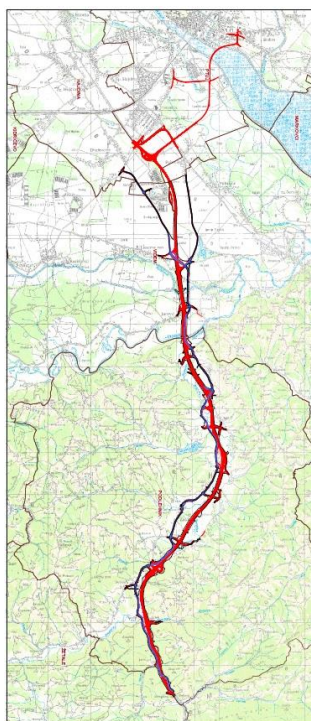
## Highway section A4 SLIVNICA – DRAŽENCI - GRUŠKOVJE



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



## Description of the Project

- Based on State Spatial Plan and was funded through Cohesion mechanism.
- A highway section in total length of 13,5km + regional road in length of 13,5km.
- Regulation of sections of streams Rogatnica (2km) and Maceljčica (2,5 km).
- Building of „noise screens“ in total length of 8,5km.

European Union



Project implemented by Human Dynamics Consortium

## Scoping decisions

ENVIRONMENTAL TOPIC	CRUCIAL INFORMATIONS	SCOPING DECISION
CLIMATE CHANGE	<ul style="list-style-type: none"> <li>Dealt with on SEA level.</li> </ul>	<b>NO</b>
AIR	<ul style="list-style-type: none"> <li>Will increase air pollution (SO<sub>2</sub>, NO<sub>x</sub>, HOS/HC, NO<sub>2</sub>, PM<sub>10</sub>).</li> </ul>	<b>YES</b>
SOIL	<ul style="list-style-type: none"> <li>Will increase heavy metal pollution.</li> <li>Current pollution linked to intensive farming.</li> <li>Mostly agricultural and forest areas.</li> </ul>	<b>YES</b> <i>Focused on natural resources aspect!</i>
SURFACE WATERS	<ul style="list-style-type: none"> <li>2 streams will be regulated.</li> <li>Rain-water collection/purification system will be built.</li> <li>Flood area.</li> </ul>	<b>YES</b> <i>Focused on physical state of streams and floods!</i>



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

## Scoping decisions

ENVIRONMENTAL TOPIC	CRUCIAL INFORMATIONS	SCOPING DECISION
UNDERGROUND WATERS	<ul style="list-style-type: none"> <li>Drinking water protection zone.</li> </ul>	<b>YES</b>
NOISE	<ul style="list-style-type: none"> <li>Will significantly increase noise pollution.</li> </ul>	<b>YES</b>
ELECTRO-MAGNETIC RADIATION	<ul style="list-style-type: none"> <li>No significant EMR is expected.</li> </ul>	<b>NO</b>
LIGHT POLLUTION	<ul style="list-style-type: none"> <li>Will increase light pollution.</li> </ul>	<b>NO</b>
WASTE	<ul style="list-style-type: none"> <li>Will generate considerable amounts of construction waste and soil.</li> <li>Already prepared waste management plan with known deposition sites with EP.</li> </ul>	<b>NO</b>



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

## Scoping decisions

ENVIRONMENTAL TOPIC	CRUCIAL INFORMATIONS	SCOPING DECISION
NATURE	<ul style="list-style-type: none"> <li>Rich Flora and Fauna.</li> <li>In some parts touches/crosses Natura 2000 sites.</li> </ul>	<b>YES</b>
CULTURAL HERITAGE AND LANDSCAPE	<ul style="list-style-type: none"> <li>Avoids significant elements of CH and Landscape, but is in their impact area.</li> </ul>	<b>YES</b>
HUMAN HEALTH	<ul style="list-style-type: none"> <li>In general dealt with on SEA level.</li> <li>Specific issues (i.e. noise...) dealt with through other topics.</li> </ul>	<b>NO</b>



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

## EIA "Scoping,, Case Example 2

### Pumping station with regional water supply



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

## Project description

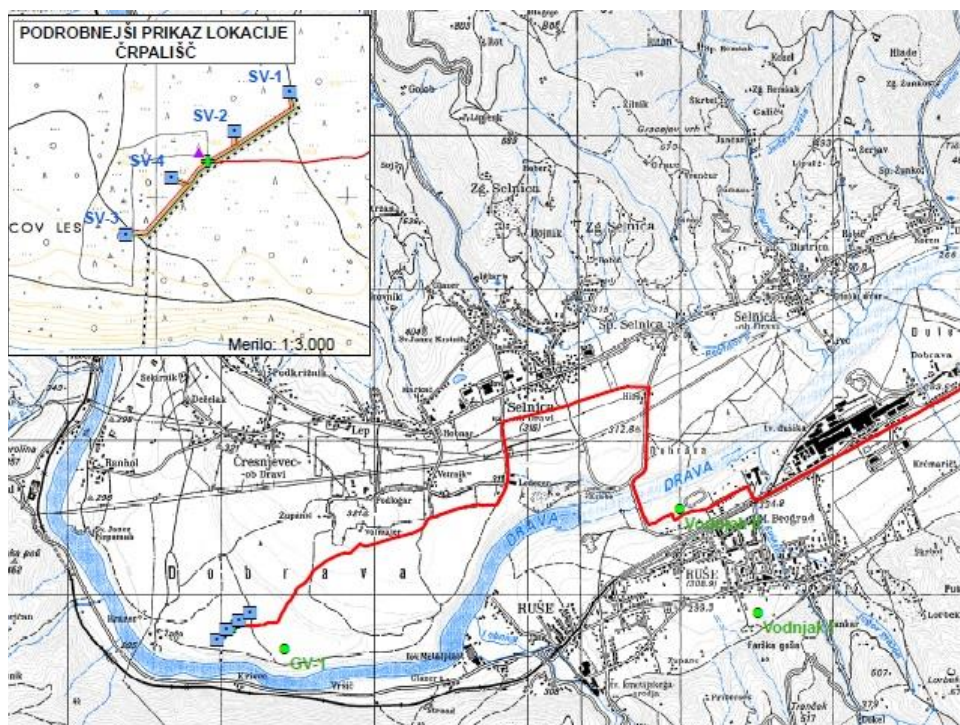
- Expansion of existing source of drinking water with 1 existing pumping station and predicted new 4 pumping stations - each with capacity 50 l/s.
- Regional water supply (14 km) + local water supply network (3 km).



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



# Scoping

The main topics in the "scoping" stage:

- ✓ Elements of the environment: *air, soil, water, noise, waste*
- ✓ Nature: flora / fauna, Natura 2000, protected areas
- ✓ Society: Society, cultural heritage, landscape

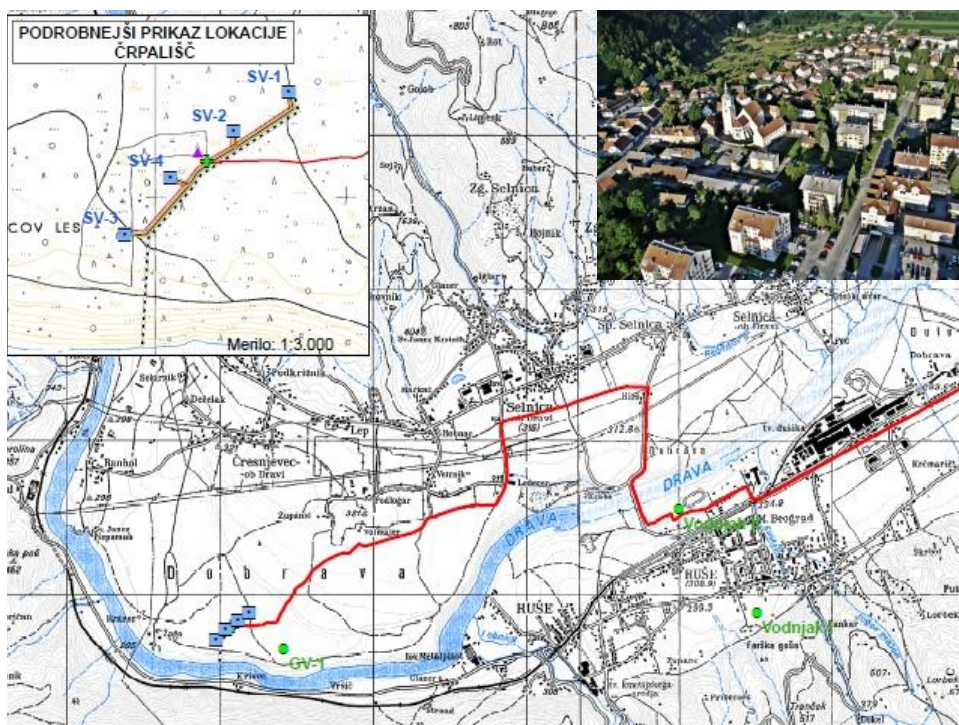
For this exercise we will focus on Noise, Natura2000 and Cultural heritage.



This Project is funded by the European Union



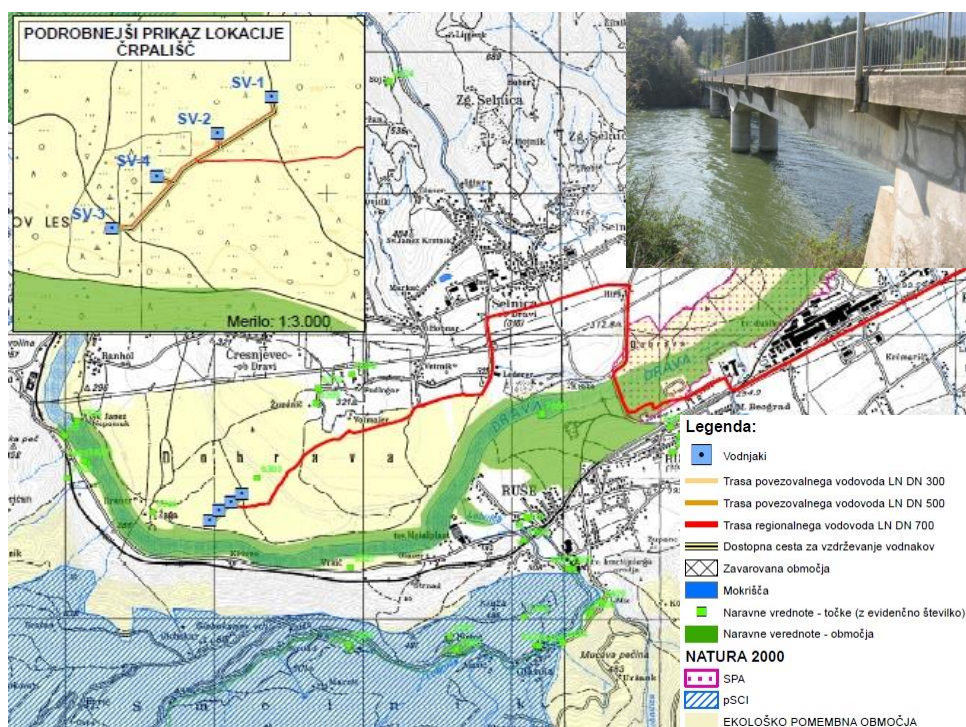
Project implemented by Human Dynamics Consortium





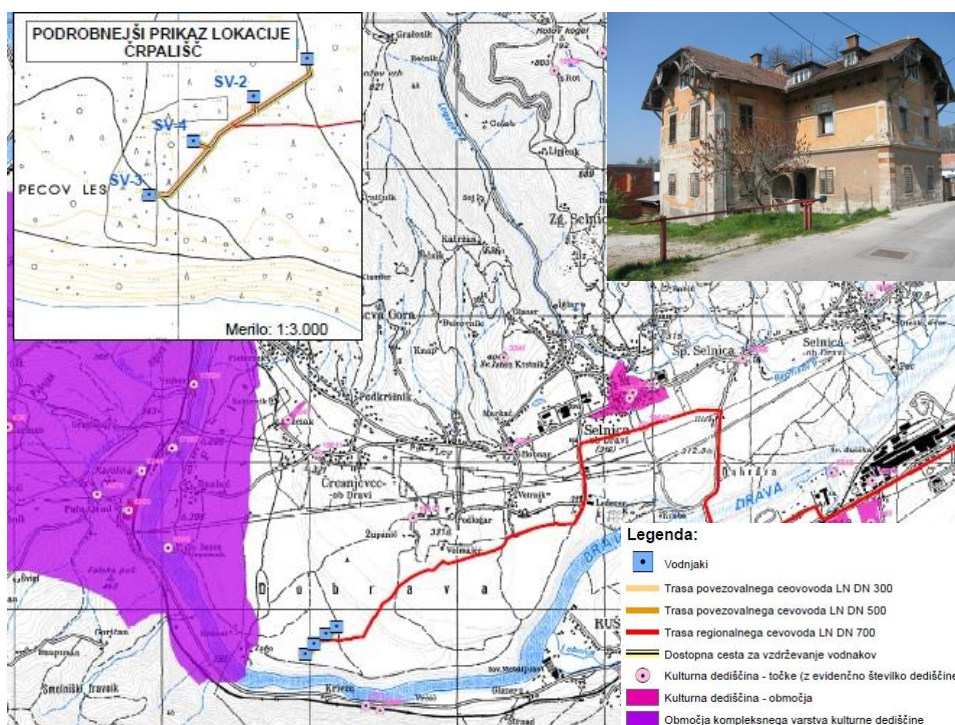
# Scoping

SEGMENT	POTENTIAL IMPACTS DURING CONSTRUCTION	POTENTIAL IMPACTS DURING WORKS	SCOPING DECISION
Noise	The noise caused by machinery and traffic in residential areas.	The noise caused by the pumping station. Noise caused during service and maintenance.	YES
Natura 2000			
Cultural heritage			



# Scoping

SEGMENT	POTENTIAL IMPACTS DURING CONSTRUCTION	POTENTIAL IMPACTS DURING WORKS	SCOPING DECISION
Noise	The noise caused by machinery and traffic in residential areas.	The noise caused by the pumping station. Noise caused during service and maintenance.	YES
Natura 2000	PS - outside N2000 area. RW - within the N2000 areas, but uses existing transport corridor	No impact	NO
Cultural heritage			



## Scoping

SEGMENT	POTENTIAL IMPACTS DURING CONSTRUCTION	POTENTIAL IMPACTS DURING WORKS	SCOPING DECISION
<b>Noise</b>	The noise caused by machinery and traffic in residential areas.	The noise caused by the pumping station. Noise caused during service and maintenance.	<b>YES</b>
<b>Natura 2000</b>	CS - outside N2000 area. RV - within the N2000 areas, but uses existing transport corridor	No impact	<b>NO</b>
<b>Cultural heritage</b>	PS - outside the field of cultural heritage. RW - goes through or near several buildings and areas of cultural heritage.	No impact	<b>YES</b>