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University / School University of Ljubjana / Biotechnical Faculty

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Title of the project The Spatial Development of Litija Municipality - From Vision to Design

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# PERFORMATIVE NATURE

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Máster d'Arquitectura del Paisatge -DUOT - UPC  
ETSAB - Escola Tècnica Superior  
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## TECHNICAL DOSSIER

Title of the project	The Spatial Development of Litija Municipality - From Vision to Design
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Title of the course	Studio I
Academic year	2016/2017
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University/School	University of Ljubljana / Biotechnical Faculty

Written statement, short description of the project in English, no more than 250 words

Litija municipality is located in the geometrical center of Slovenia. Although it is close to Ljubljana, Slovenia's capital, the municipality is underdeveloped and stagnating. The main emphasis of our project was to prepare a development model, where all aspects – economic, social and environmental would be promoted on all hierarchical levels: from vision and strategy to detailed design.

First, five main topics were analysed: demography, economy, environment, climate and infrastructure. Next, three scenarios were prepared where different development alternatives were considered: (1) business as usual, (2) smart textile industry and (3) Litija as green heart of Slovenia. Third, the vision was developed. Litija was emphasized as a municipality with good quality of life and strongly connected to Sava river. Further development of strategy was based on SWOT analysis on regional level, where Litija's main characteristics were evaluated according to their contribution to the three fields/pillars of sustainable spatial development. Next, five main objectives of spatial development were set along with the measures for their implementation. Further on, five projects have been identified for further implementation of objectives on local level. These projects focused on the development of: (1) biking, hiking and educational network, (2) Litija's public space, (3) Sava river, (4) 4 season sport facilities and (5) countryside with small local centers. All projects address different objectives as well as the main vision. Further on, nine projects were designed in detailed level on a scale 1:1000 and 1:500.

For further information

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Consult the web page <http://landscape.coac.net/>

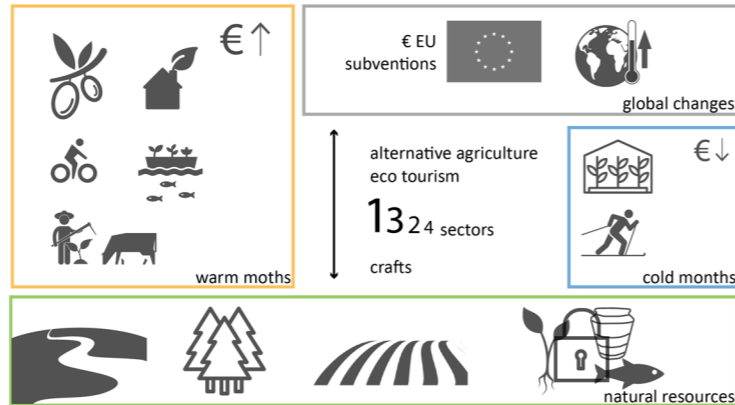
# THE SPATIAL DEVELOPMENT FOR LITIJA MUNICIPALITY



## SCENARIOS

EU level, National level

- Business as usual
- Green heart of Slovenia
- Smart textile industry



## VISION

EU level, National level

Litija municipality as the heart of Slovenia, strongly connected with Sava river



## SWOT

Regional level

### STRENGTHS

- \*\*\*Local identity; Levstikov pohod - popotovanje od Litije do Čateža, Oglarska pot, Vače.
- \*\*Lively social life in local centers.

### WEAKNESSES

- \*\*Lack of bridges, weak connection of river banks.
- \*\*\*Lack of bike paths as alternative way of transport.
- \*\*Transportation depends on cars.
- \*\*\*Lack of public spaces; parks, squares, river banks.
- \*\*Lack of sports facilities.

### OPPORTUNITIES

- \*\*European funds to improve infrastructure and energy sector, sport, culture facilities and (alternative) agriculture.
- \*\*\*Water quality of Sava river is improving and creates better environment for local biotops.
- \*\*\*Sava and its banks give opportunity for different social activities (sport, socializing ...).

### THREATS

- \*\*Intensive growth of tourism can have bad influence on environment (waste, uncontrolled usage of natural space).
- \*Litija can become bedroom community.

## DESIGN

Detailed level



## MEASURES

Local level

- Renovate existing roads
- Use textile industry to promote the trademark
- Provide suitable offset sites
- Increase people's awareness with programs and activities
- Extend sewage network
- Look into DPN for endangered species and protected areas

- Find appropriate location
- Make a plan
- Provide funds

## PROJECTS

Local level

- BIKING, HIKING AND EDUCATIONAL NETWORK
- LITIJA'S PUBLIC SPACE
- SAVA RIVER
- 4 SEASON SPORT FACILITIES
- COUNTRYSIDE AND SMALL LOCAL CENTERS

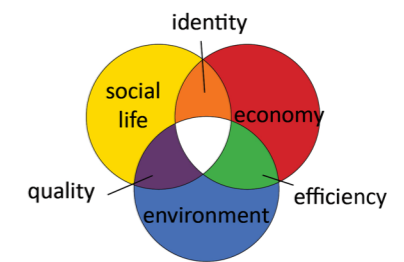


+ DESIGN GUIDELINES

## OBJECTIVES

Local level

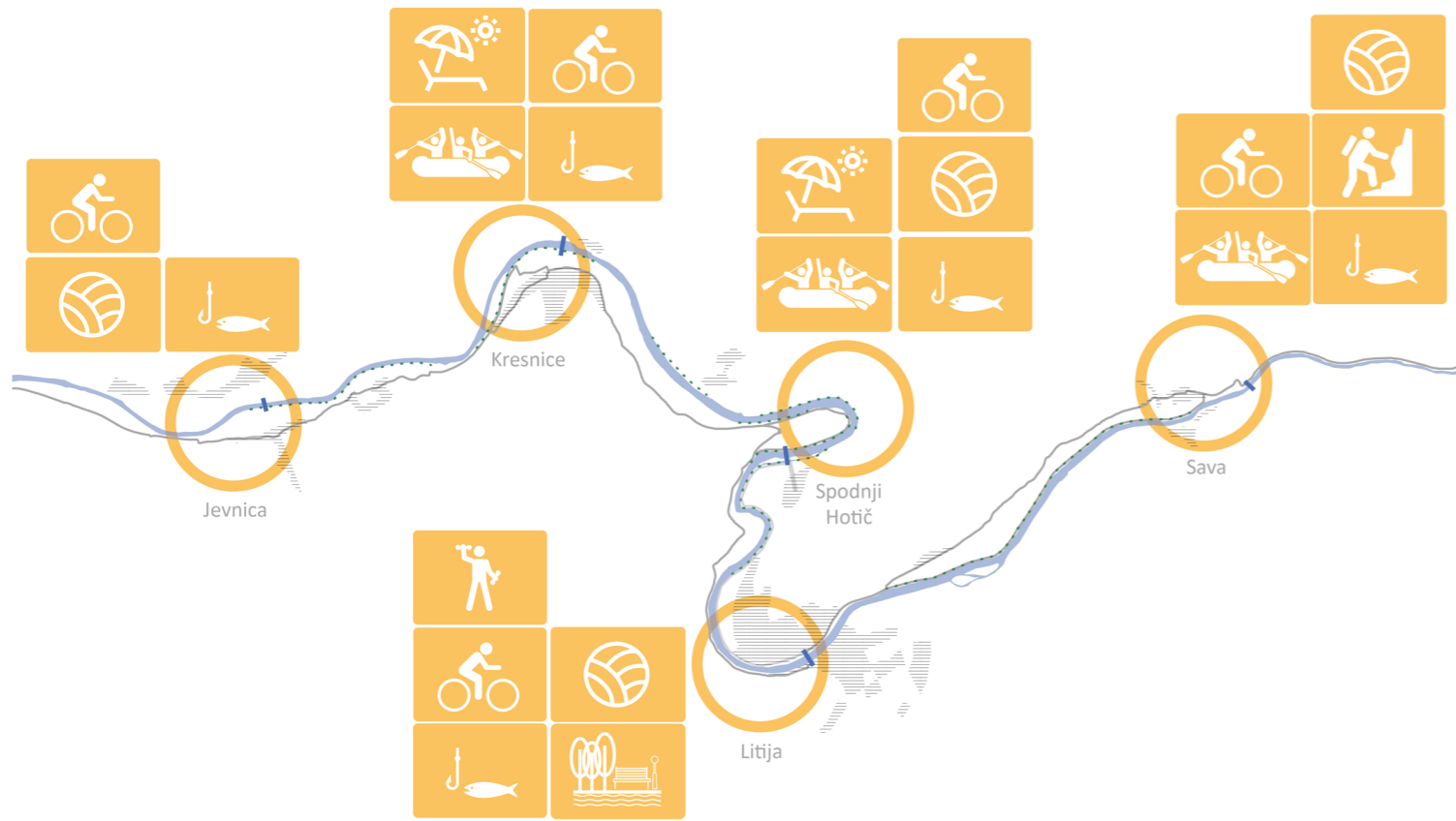
- HEALTHY ENVIRONMENT
- ATTRACTIVE SPORT, SOCIAL AND CULTURAL LITIJA
- IMPROVED ACCESSIBILITY
- INTERESTING TOURIST DESTINATION
- NEW IMAGE OF SAVA RIVER



# PROJECTS

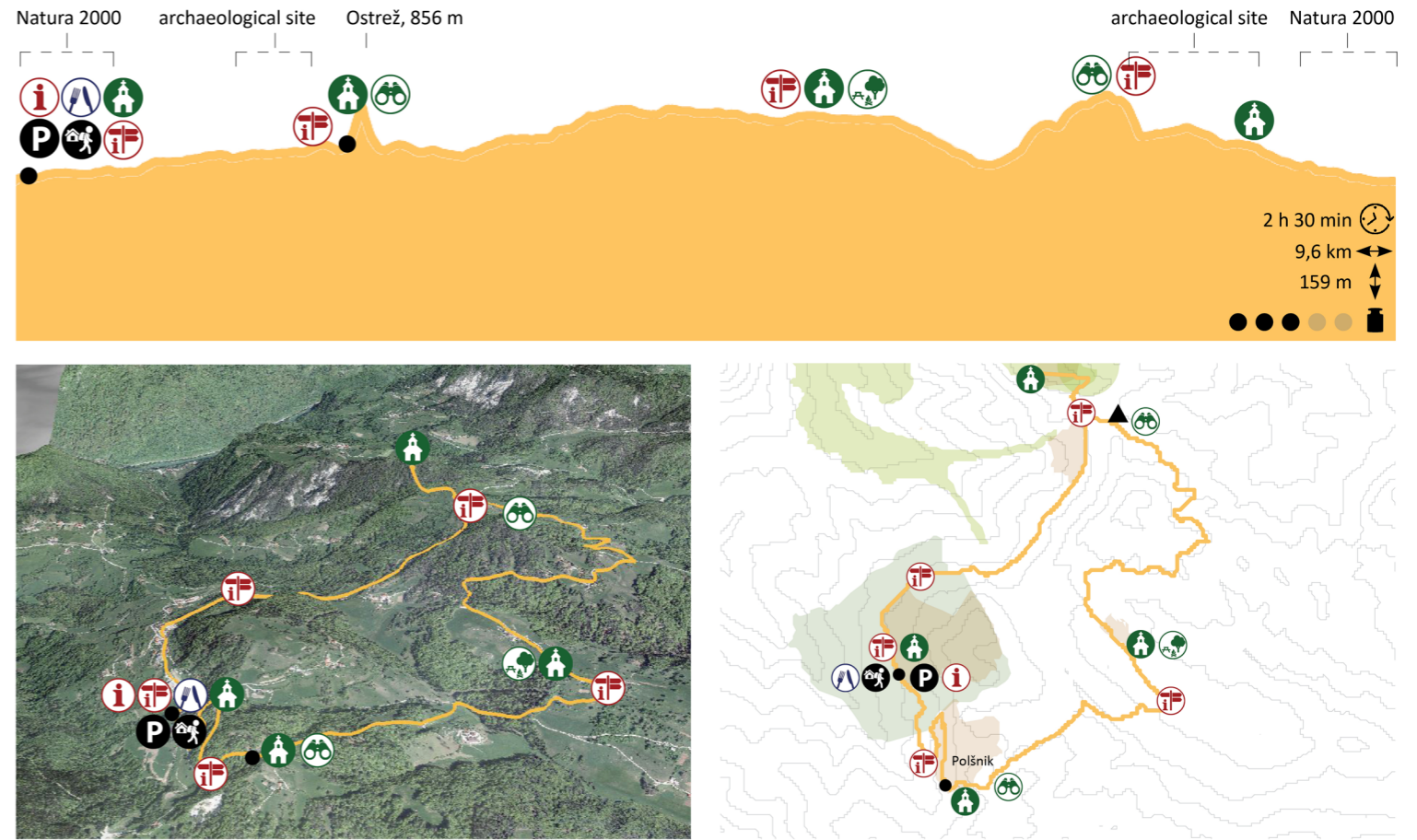
## Sava River

The river is a connecting link between the town Litija and some rural settlements. Through the entire length of the river in the municipality, various activities take place: sport, leisure and cultural activities. River also has ecological role.



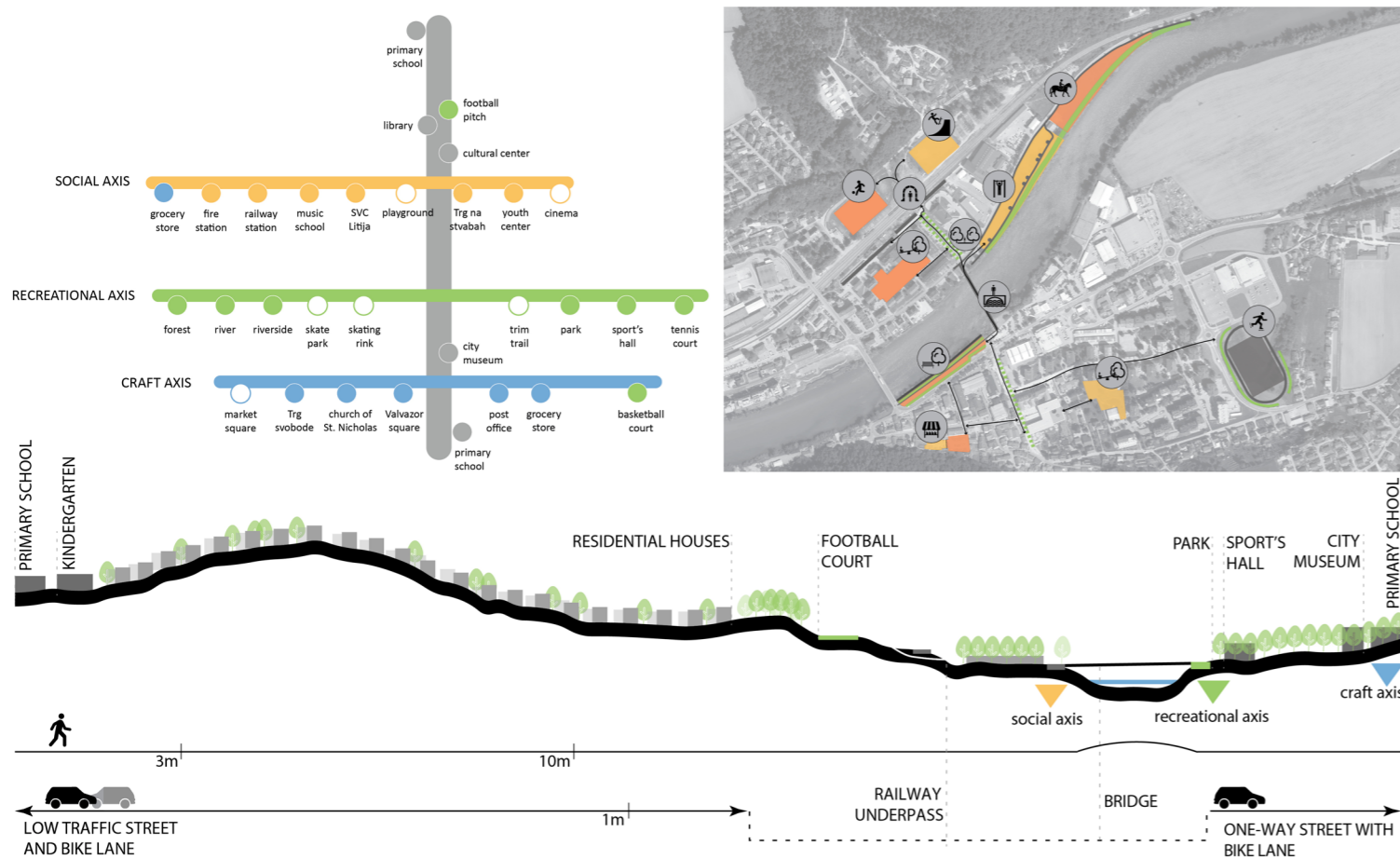
## Biking, Hiking and Educational Network

The project includes cyclists, pedestrians and needs of schools that increasingly use outdoor classrooms. Important paths are presented with sections showing main information for users.



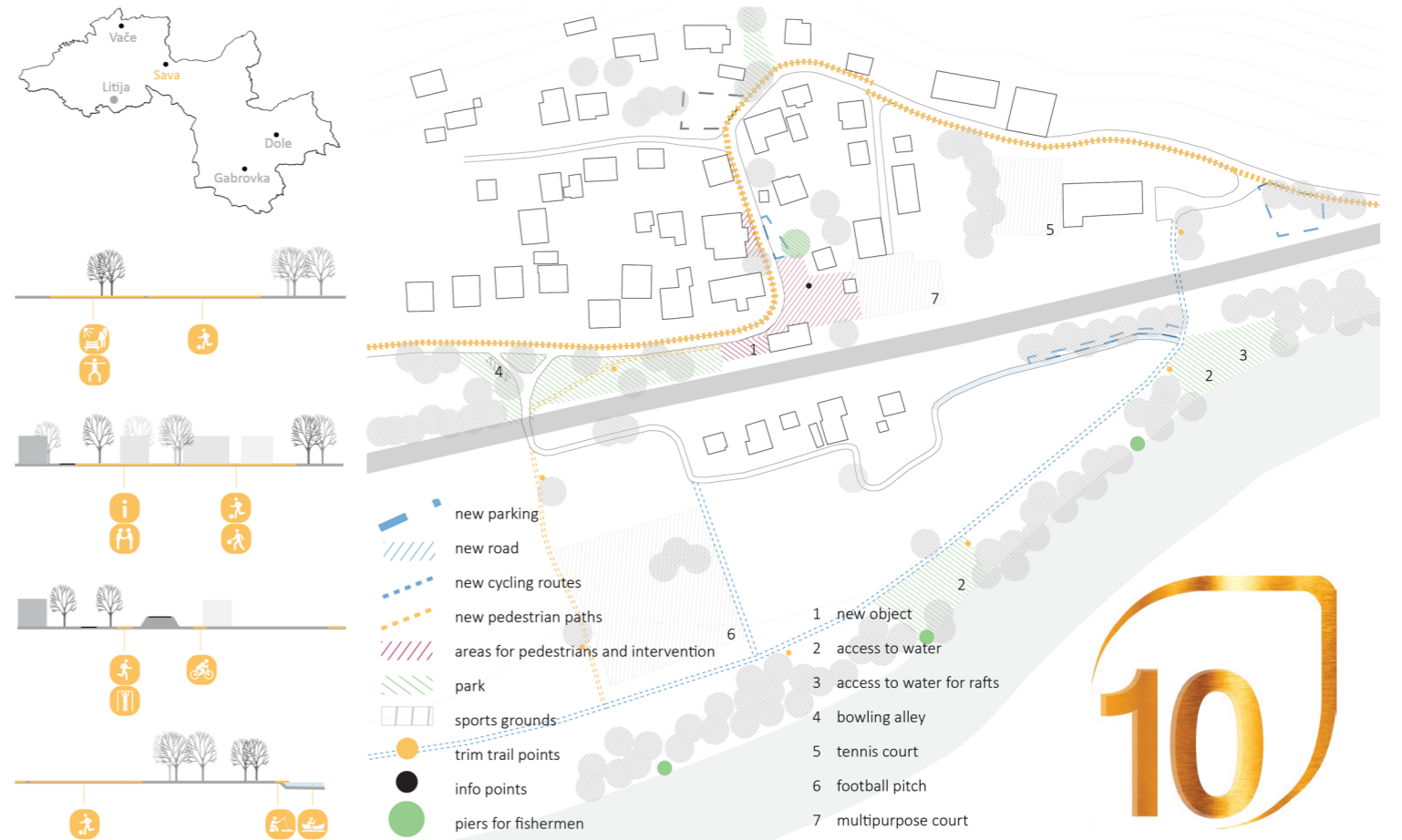
## Litija's Public Space

Project revitalizes the city, enables the inhabitants to have a quality recreational environment and creates a city core with open public spaces. The locations of public activities tends to create three different axis: social, recreational and craft axis. They all refer to the new main axis.



## Countryside and Small Local Centers

Project presents the concept of spatial development in several selected village centers. Proposals showing new arrangements and some solved problems in a particular place.



DESIGN OF SELECTED AREA IN LITIJA MUNICIPALITY: VILLAGE SAVA PRI LITJI



- 1 new facility for intergenerational socializing
- 2 new village center
- 3 new square in front of the church
- 4 new cafe
- 5 service facility with wardrobes
- 6 shared space
- 7 boathouse
- 8 pier
- 9 berths for boats
- 10 access to water
- 11 football pitch
- 12 multipurpose court
- 13 tennis courts
- 14 bowling alley
- 15 playground
- 16 "Street workout" devices
- 17 beehives
- 18 orchard
- 19 new long-distance cycling path along Sava River
- 20 parking place

