



Country / City ..... Slovenia / Ljubljana

University / School ..... University of Ljubljana / Biotechnical Faculty

Academic year ..... 2017/18

Title of the project ..... **BTC, City of Opportunities**

Authors ..... 2nd year MSc and 3rd year BSc Students







# PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

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## TECHNICAL DOSSIER

Title of the project **BTC, City of Opportunities**  
Authors 2nd year MSc and 3rd year BSc Students  
Title of the course Studio 2 and Landscape Design Studio 2  
Academic year 2017/18  
Teaching Staff doc. Darja Matjašec, asist. Nejc Florjanc  
Department/Section/Program of belonging Department of Landscape Architecture  
University/School University of Ljubljana, Biotechnical Faculty

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

The "BTC City" commercial area presents one of the largest urban heat islands within the urban fabric of Ljubljana, the capital of Slovenia. Biggest problems of the area are bad infrastructure, unreadable and disorientating spatial organization and the lack of green spaces.

Vision for the renovation of the "BTC City" area focuses on sustainable spatial development that is resilient and quickly adaptable to ongoing changes in society and economy.

Based on this vision, three master projects/scenarios were developed. First one, based on green and blue infrastructure (1), highlights green areas as a key part of living, work, play and leisure activities. At the same time, thoughtfully designed green areas improve microclimate and water quality, reduce noise and pollution, improve biodiversity and reduce flood risk. Focus of the second masterplan is development of a mixed-use area (2).

Nowadays predominant commercial use is upgraded with the introduction of new residential zones, student campus etc. Long term economic stability of the area is therefore increased. Main topic of the third masterplan is food (3). Local food production and food processing help to provide food security at the local level.

Based on the overall vision and three masterplans, ten detailed urban landscape projects were developed. Those include thorough plans for the renewal of all major streets and squares, and detailed design proposals for several new parks and green roofs within the "BTC City" commercial area.

For further information

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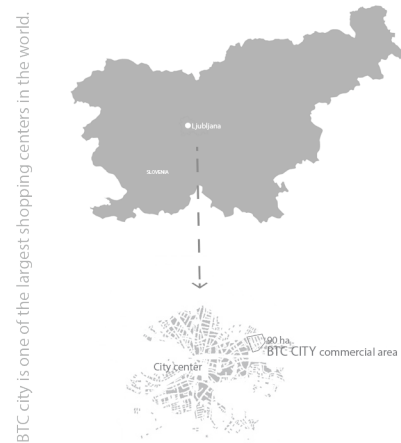
Contact via email at: [biennial.paisatge@upc.edu](mailto:biennial.paisatge@upc.edu)

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

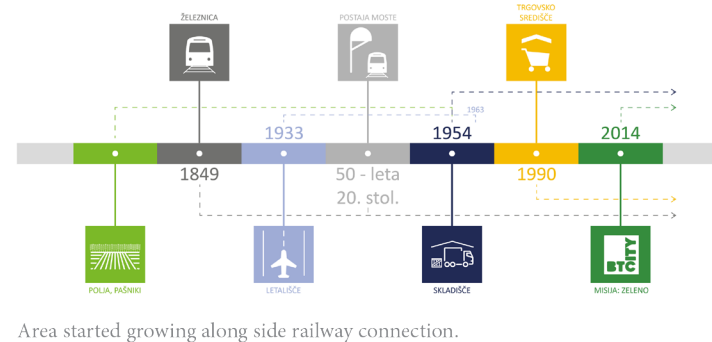


# VISION FOR THE RENOVATION OF BTC CITY COMMERCIAL AREA

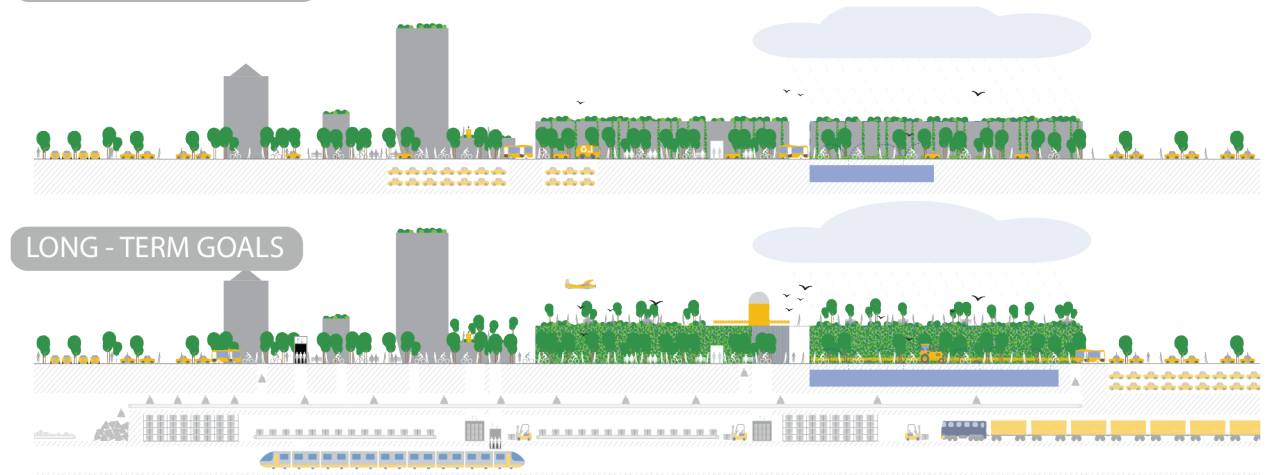
## LOCATION



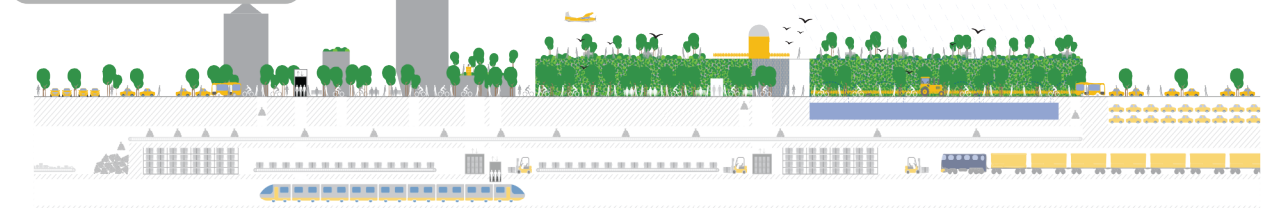
## DEVELOPMENT



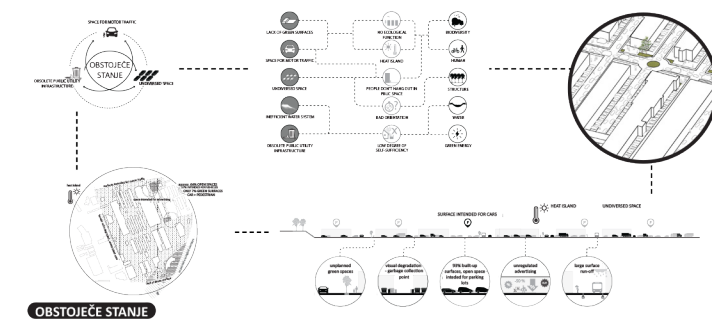
## SHORT - TERM GOALS



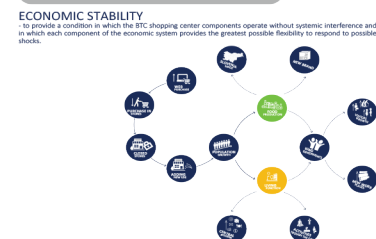
## LONG - TERM GOALS



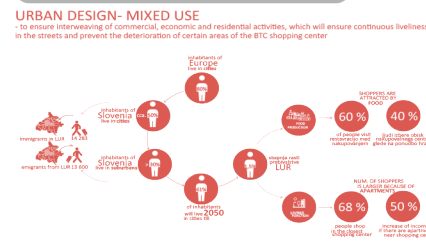
## EXISTING CONDITION AND PROBLEMS



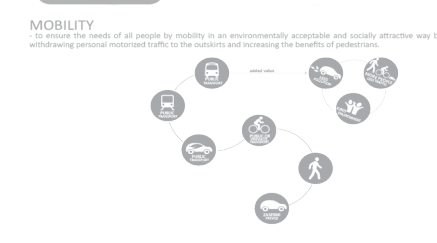
## ECONOMIC STABILITY



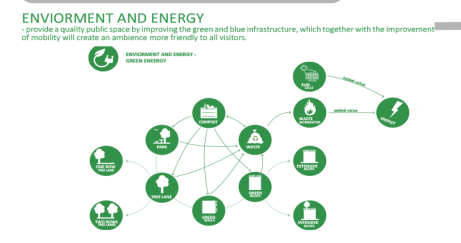
## URBAN DESIGN - MIXED USE



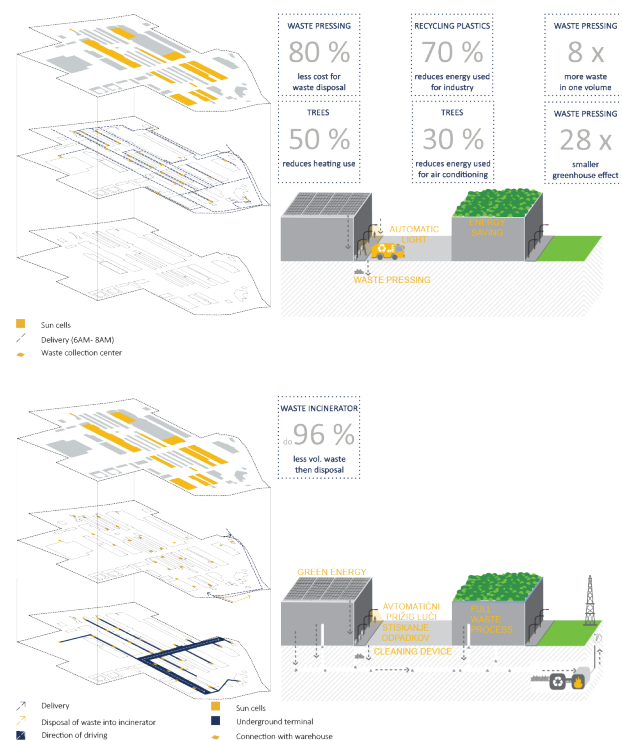
## MOBILITY



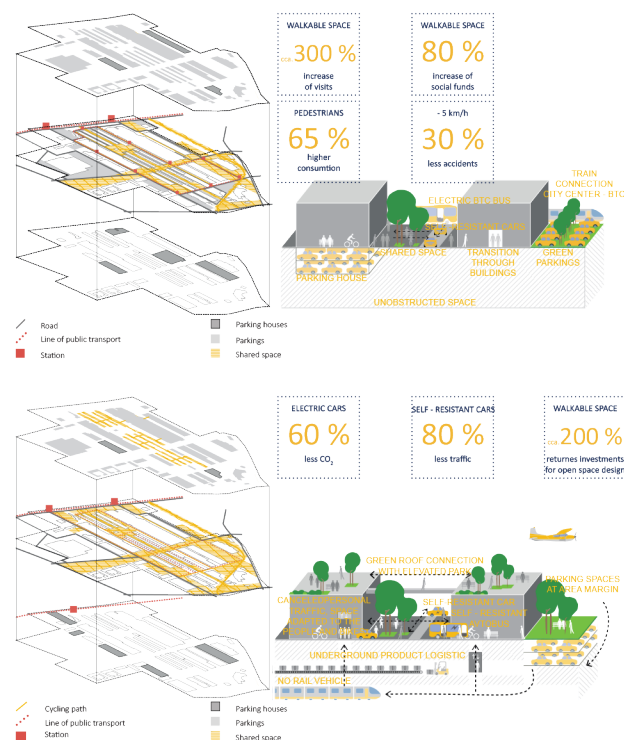
## ENVIRONMENT AND ENERGY



## DELIVERY, ENERGETICS AND WASTE INFRASTRUCTURE



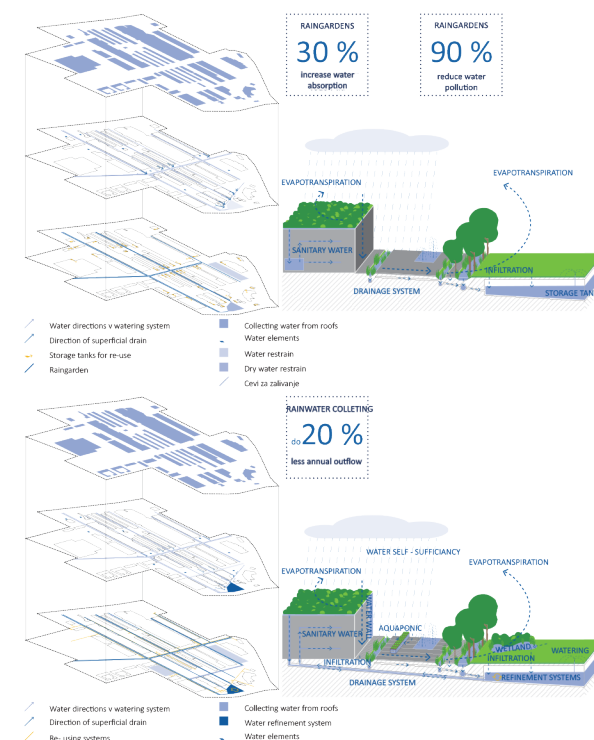
## TRAFFIC INFRASTRUCTURE



## GREEN INFRASTRUCTURE



## WATER INFRASTRUCTURE



## BUILDINGS



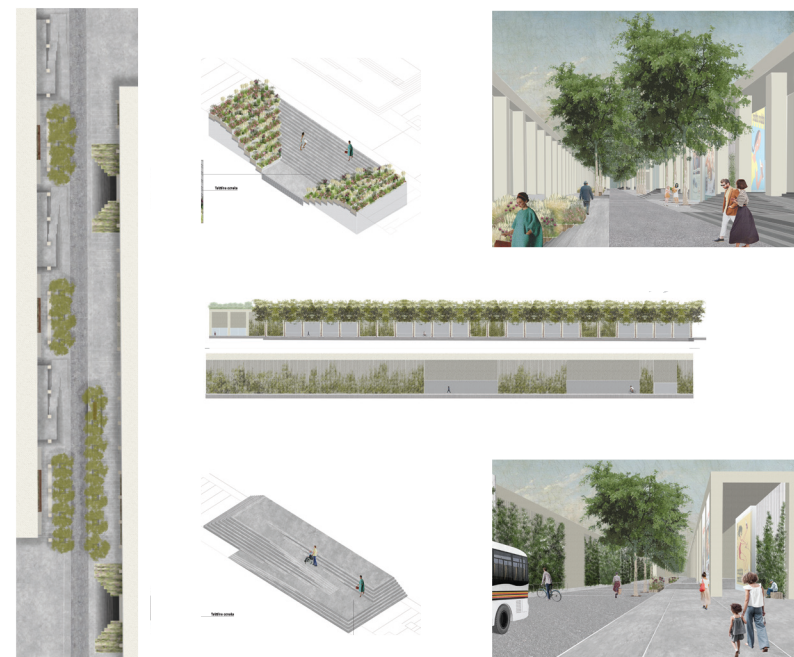
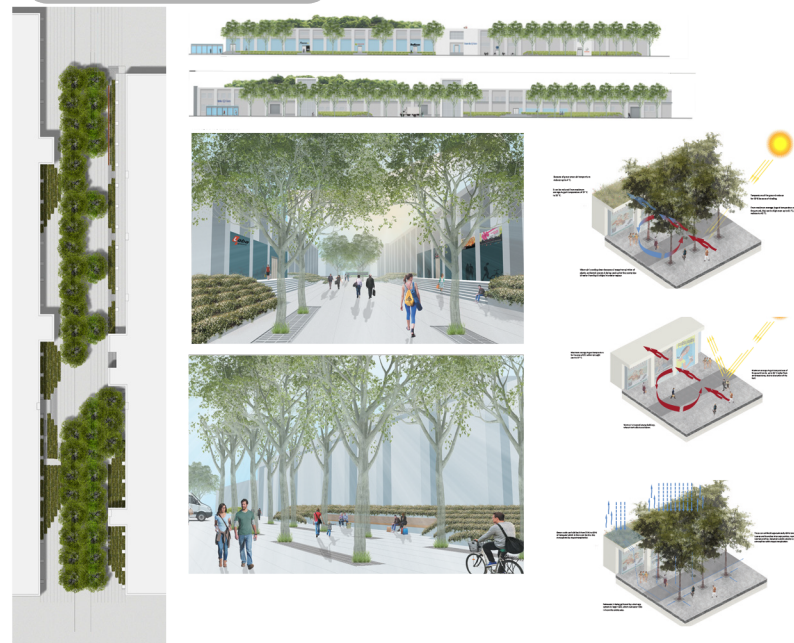
10 Existing state





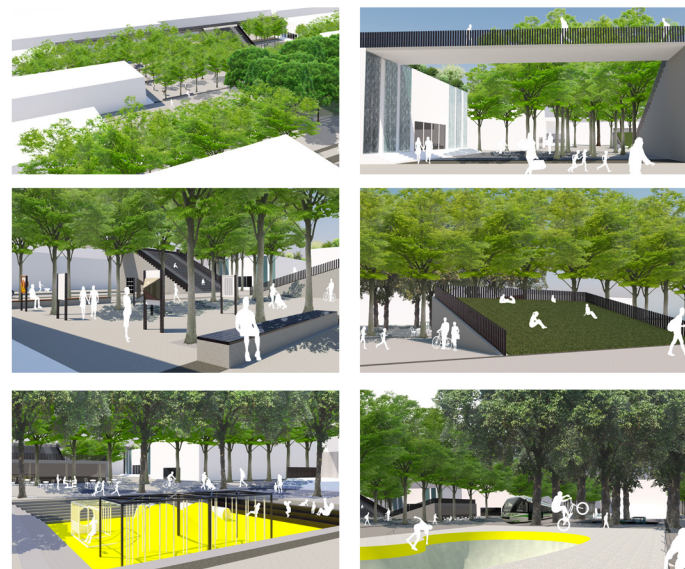


## GREEN STREETS



## GREEN SQUARE

### YOUTH PARK

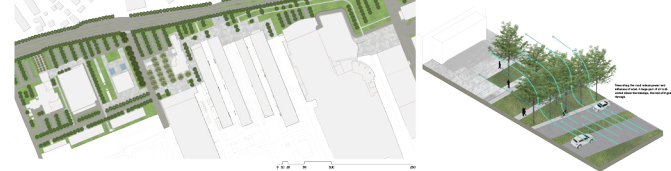


### BTC MARKET



## GREEN PARKS

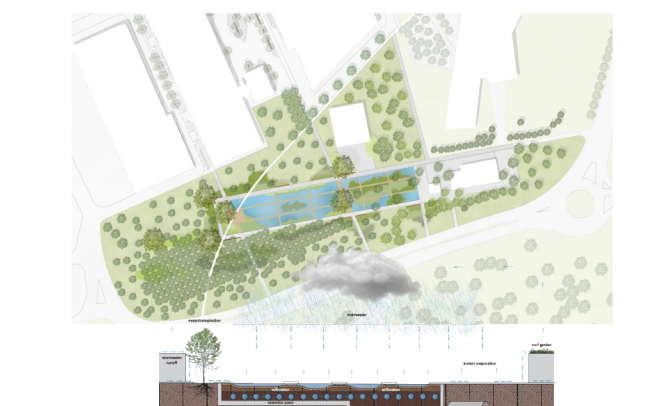
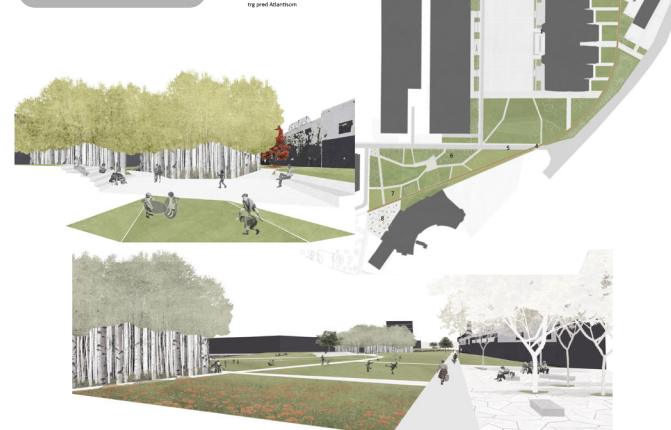
### NORTH PARK



### GREEN WEDGE



### CINEMA PARK



## GREEN ROOFS

