

# EU Support for Climate Action in IPA II Beneficiaries

**TRATOLOW - Transition towards the low emissions and climate-resilient economy in the Western Balkans and Turkey**

**Regional workshop on “Urban adaptation, resilience and SECAP adaptation component” – focusing on the climate risks heat and pluvial flood in urban areas and its surrounding**

**February 23<sup>rd</sup> 2022, Istanbul**



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ZAGREB examples**



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**umweltbundesamt<sup>U</sup> NIRAS**

The project is implemented by the Consortium of  
Umweltbundesamt GmbH (lead) and NIRAS



# Key requirements in SECAP development

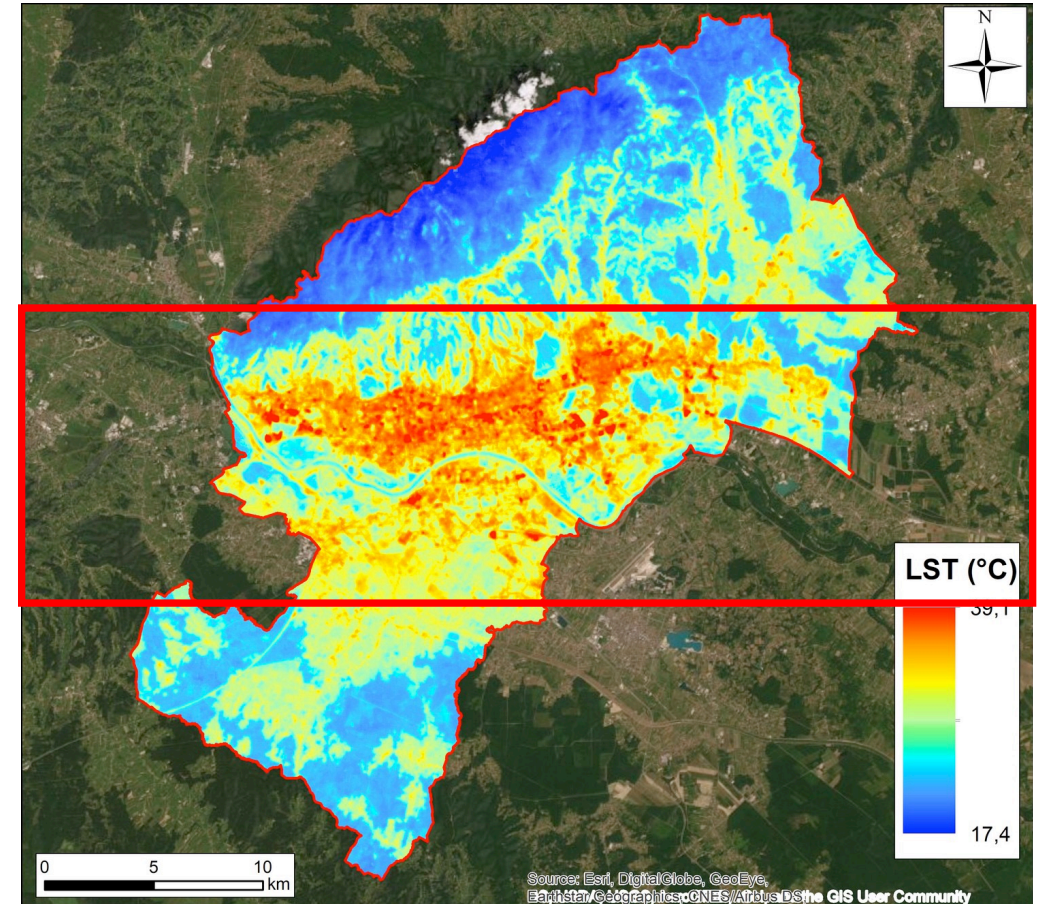
**Focus on adaptation/resilience**  
**Examples of urban adaptation and  
resilience in beneficiaries and Croatia**



# ZAGREB case, urban heat!

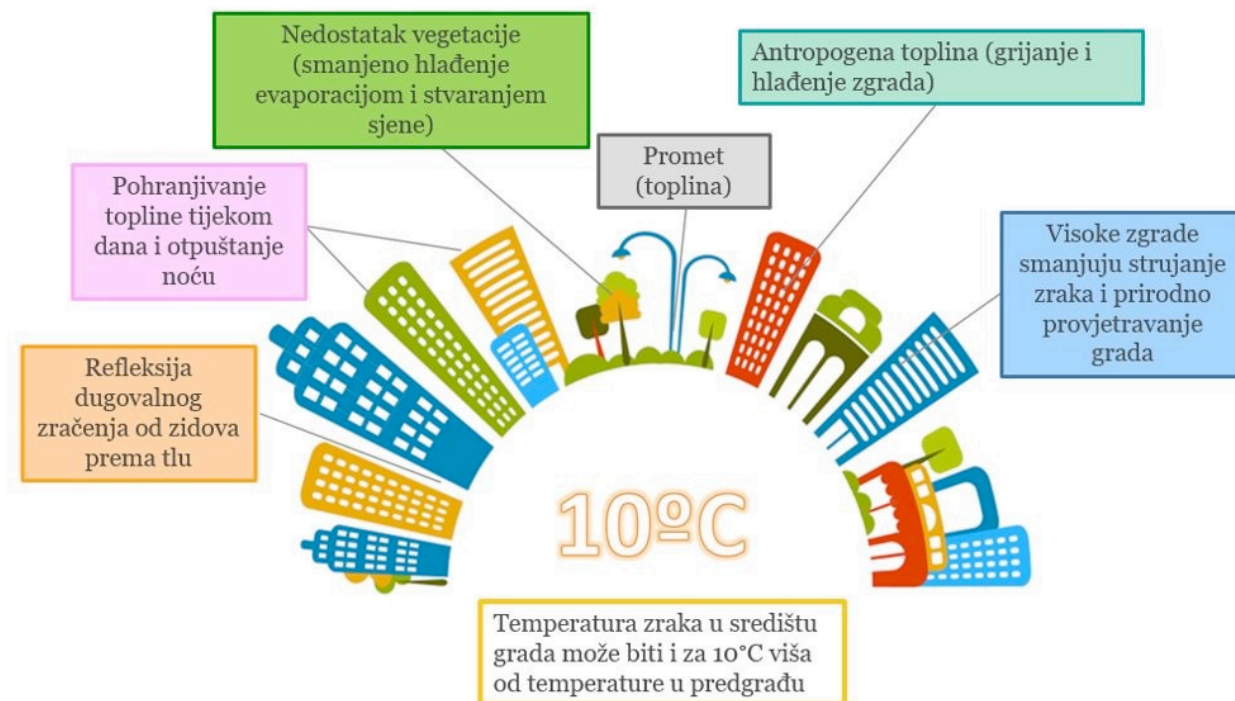
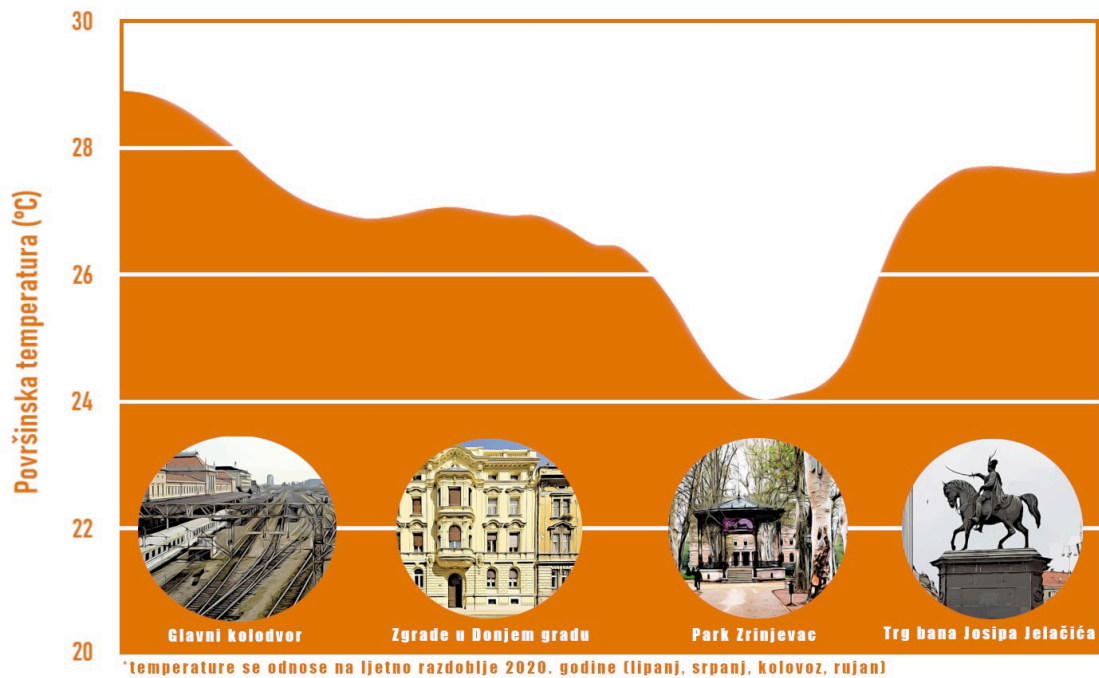
- Zagreb is heating up!
- It is dominantly felt in the most urbanized area (combination of climate change and urbanization)

Average summer  
temperature (LST, °C)  
1913. - 2020.



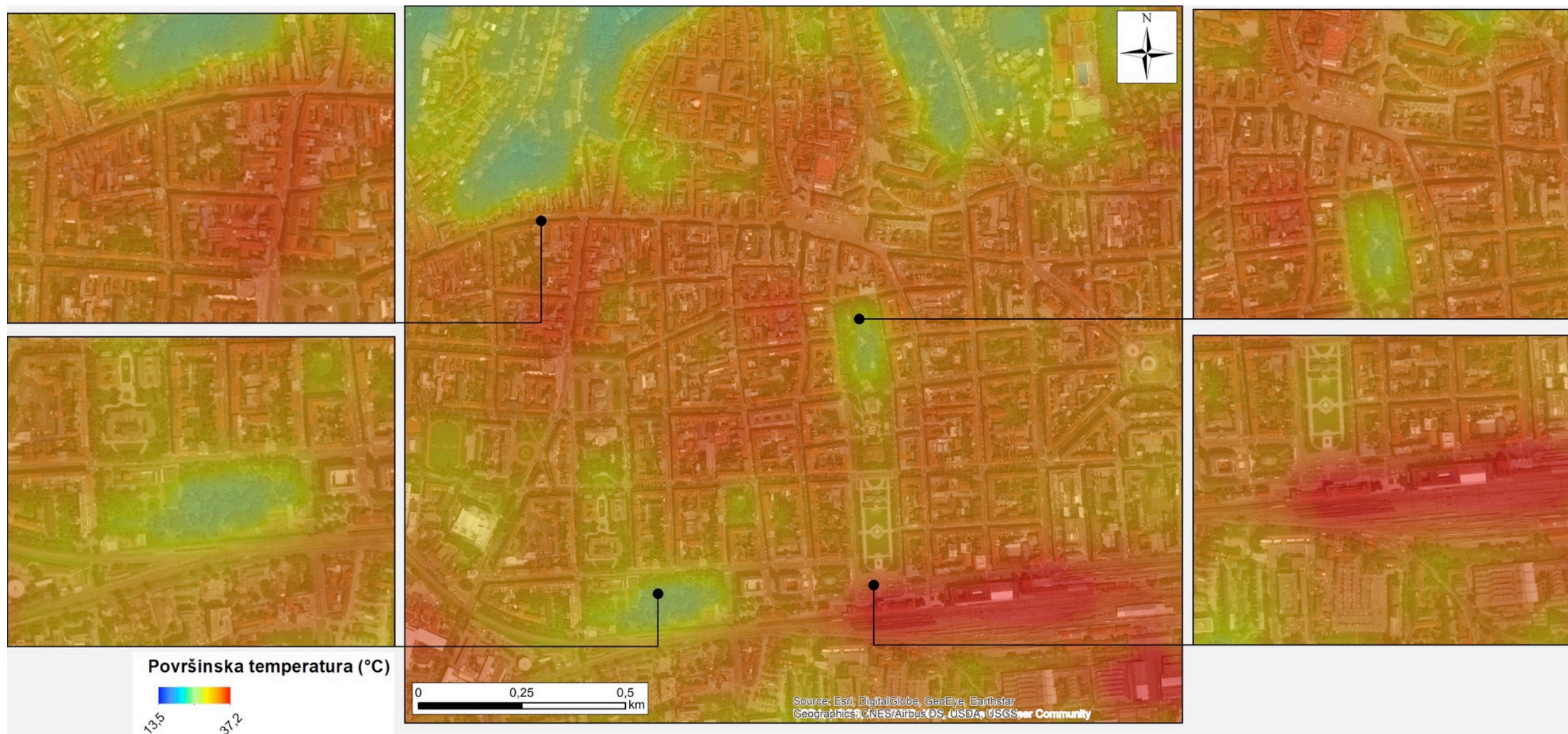


# ZAGREB case, urban heat!





# ZAGREB case, urban heat!



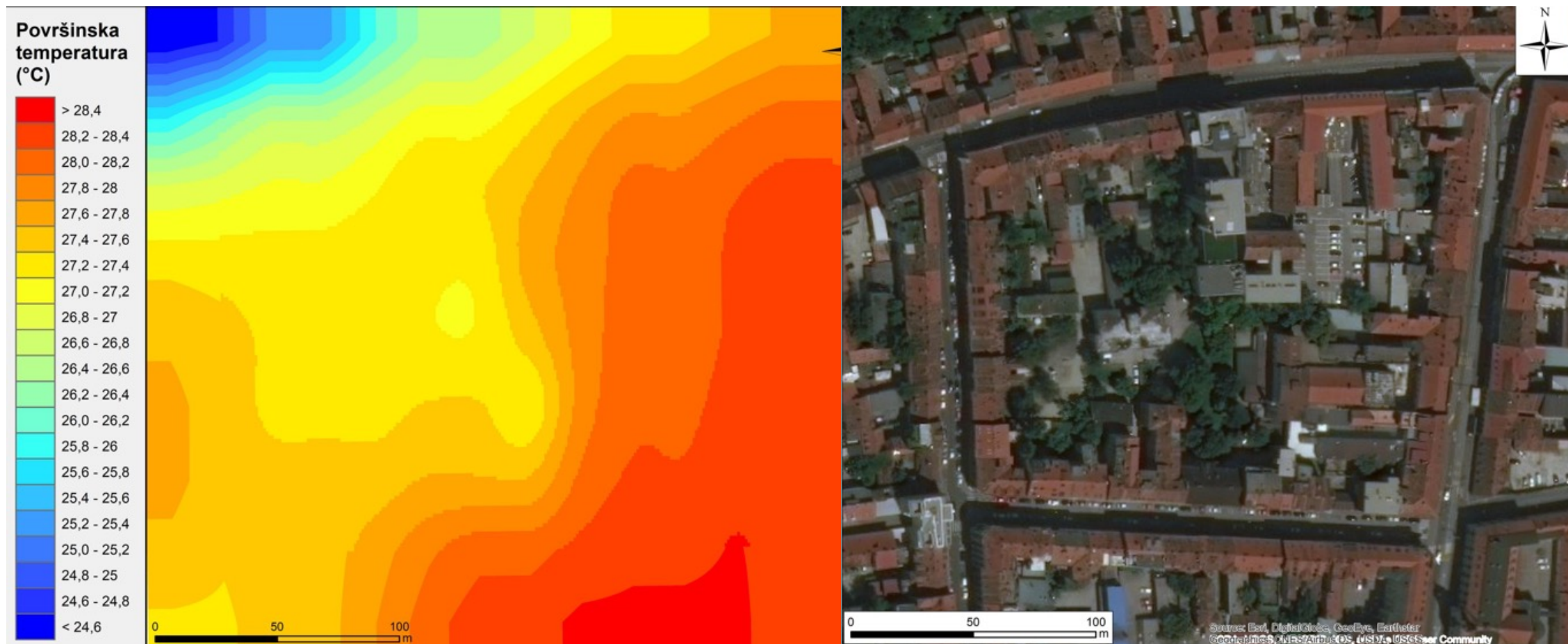




Pilot block – block 19!

As a part of the  
programme of  
comprehensive urban  
regeneration

## Pilot block 19





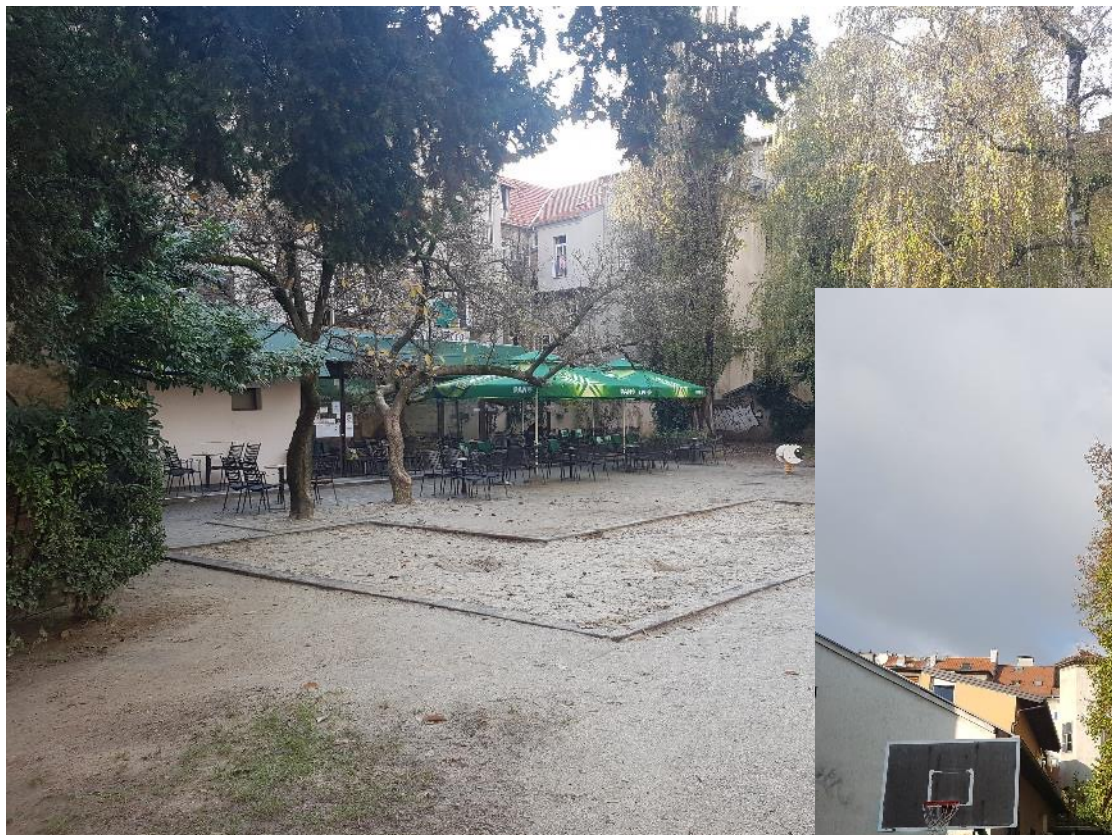
Park - private



Park - public







Public space



Sports terrain



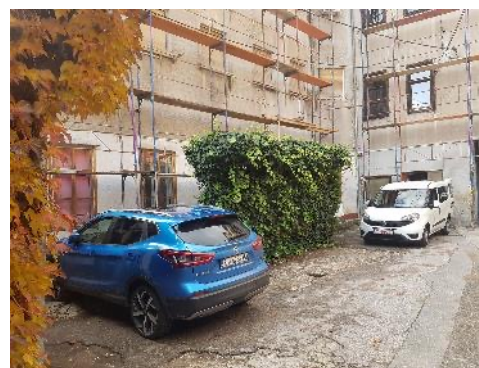
Playground





Garage

By the buildings



On the buildings





## Analysis of current green infrastructure elements

- By and on the buildings
- Private
- Park-public





# ZAGREB case, urban heat!

1	Green centre of the block	2	Green living room
3	Green garden - public	4	Green building – roof/facade
5	Green canopy	6	Green station
7	Green mobile point	8	Green corridor



Green  
infrastrucutre  
measures

Example on  
one block



1

Green  
centre of  
the block

Transformation of the  
building into a green centre  
of the block (biosolar roof,  
green facade...) – a show case



Enlargement of  
green surfaces  
and creation of  
„green living  
room” of the  
block



Green  
living area 2



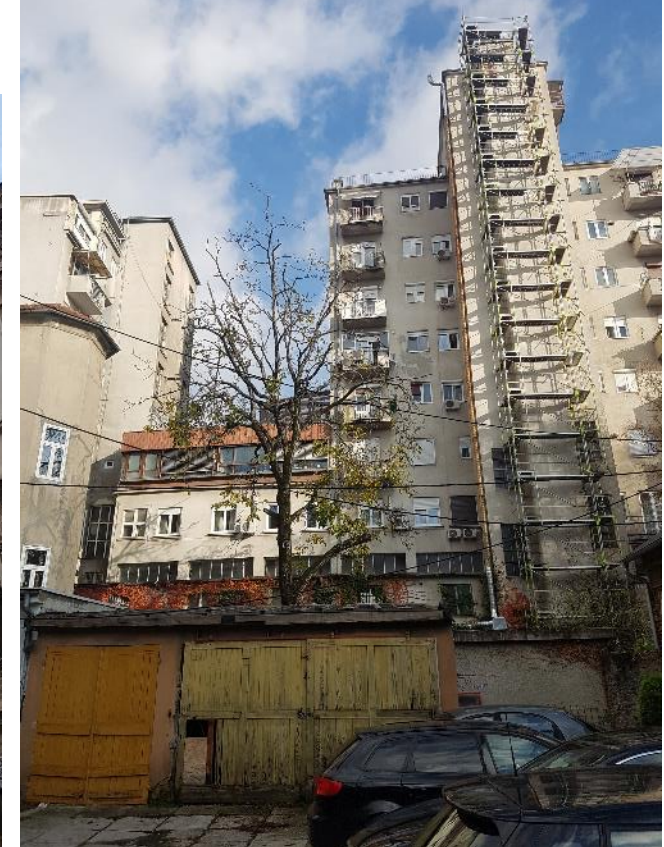


Urban gardening



3

Green  
urban  
garden



Green  
building

4

Green roof, green facade

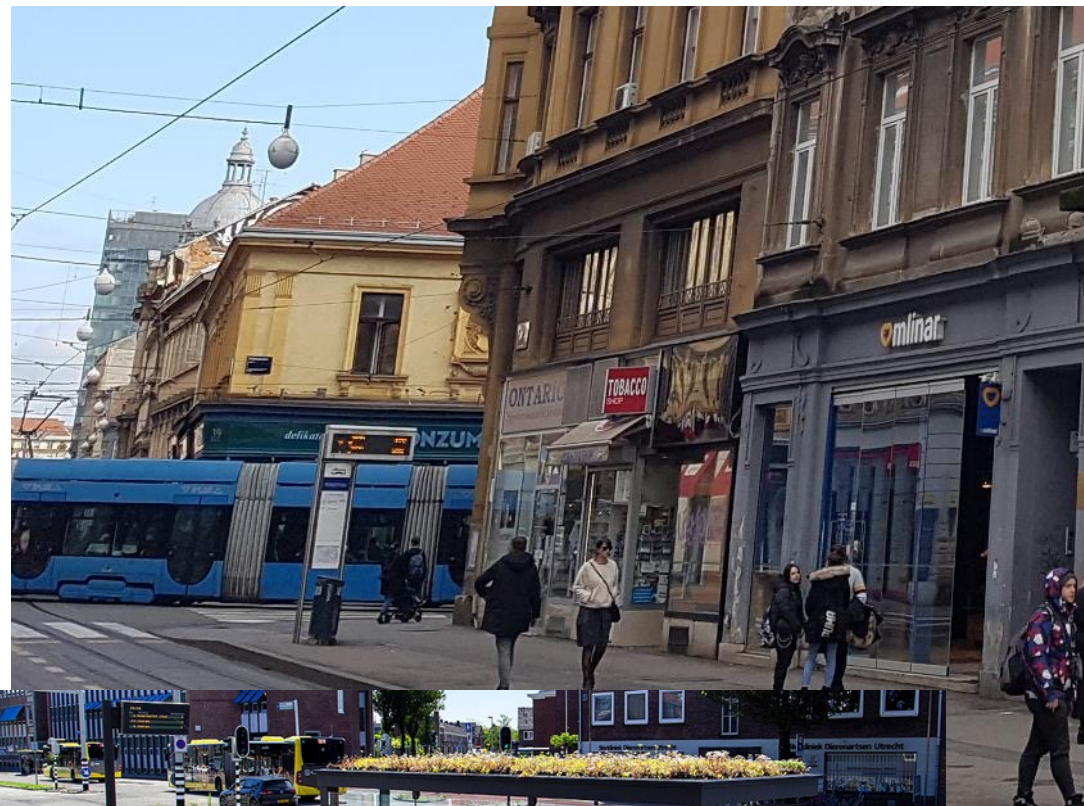


## Installation of green canopy over the open parking area (one of the hottest places in the block)



5

Green canopy



Green public transport station

6



# Comprehensive approach!

**Creation of green  
infrastructure  
network in the city**

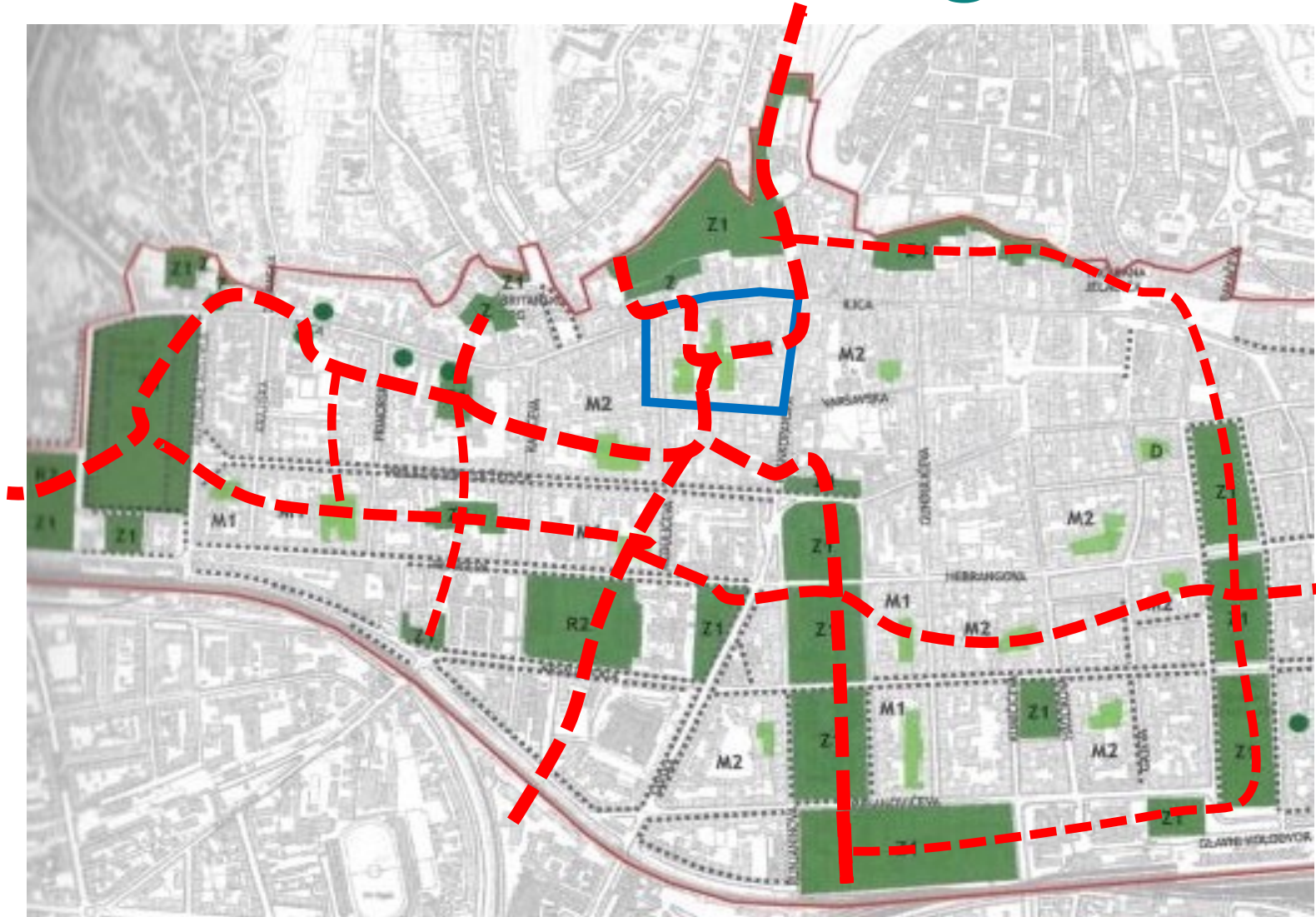
**Increase of green  
infrastructure share,  
remaining the block  
identity**

**Green  
infrastructure as a  
part of the  
economy**

**Enhancing the  
synergy: green  
infrastructure +  
public spaces +  
buildings**



# Network of green infra!





# Contact

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