

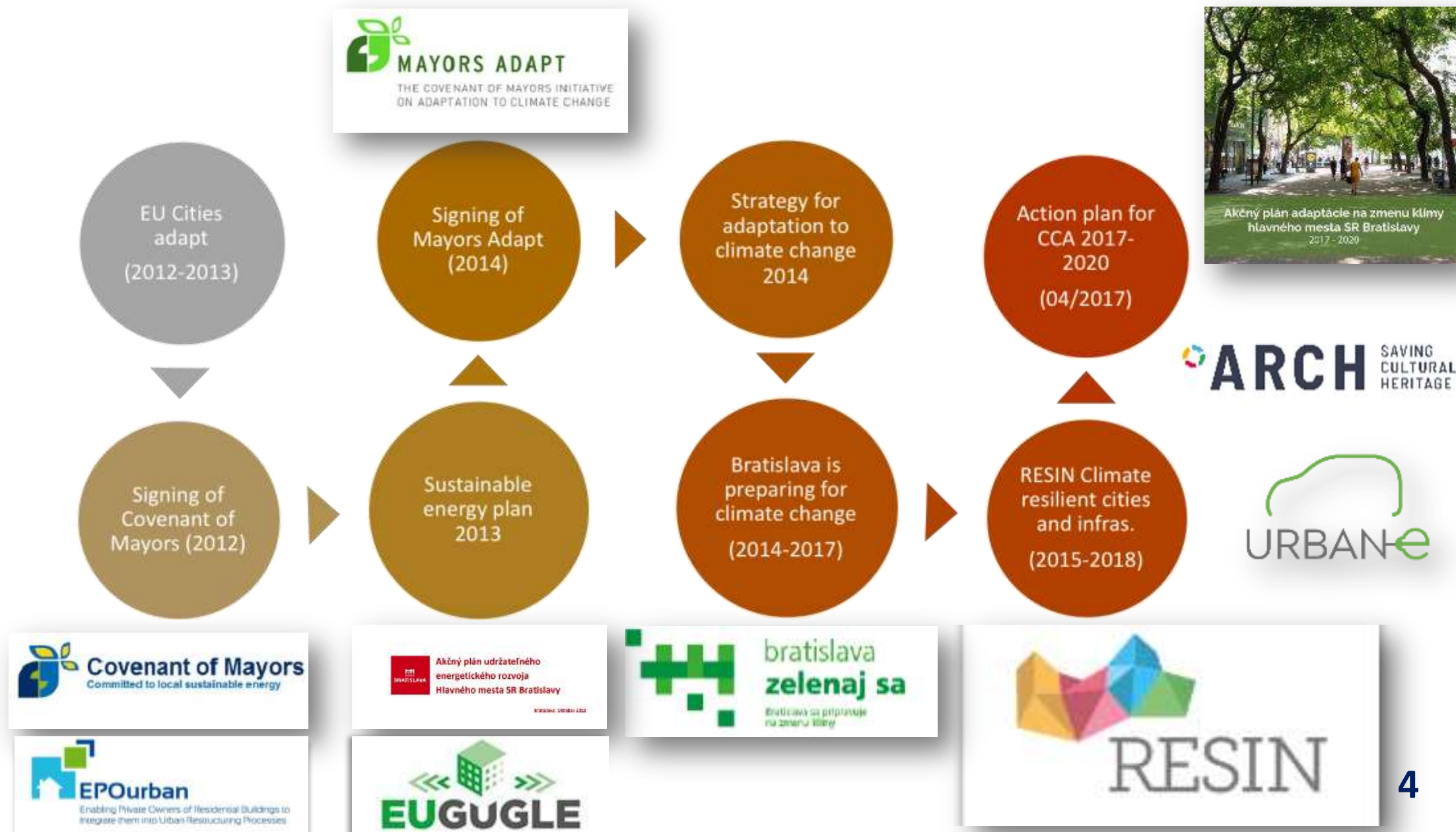


BRATISLAVA (SLOVAKIA)
TOKOROZAWA (JAPAN)





TOKOROZAWA_CITY with ca. 340 000 residents



- October 2018 / representatives of Tokorozawa visited Bratislava
- May 2019 / representatives of Bratislava visited Tokorozawa







„Trees and people used to be a good friends.“

Quote from „My neighbour Totoro“

URBAN NATURE BASED SOLUTIONS

Examples of green and blue adaptation solutions

CLIMATE CHANGE ADAPATION

Examples of dealing with heat islands and extreme weather changes (rainfall) - adaptation of public space, public policies

SUSTAINABLE CITY - energy, food, water, waste, sustainable urban development and good quality of life - EXPLOITATION of local potentials and resources





alley in Tokorozawa

1.

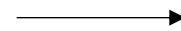
- new management of planting trees:
 1. promoting water retention and prioritize greenery in the city
 2. improving green city management and maintenance of exiting trees and green spaces
 3. planting of new trees avenues (alleys)

Bratislava is planning to plant 10 000 of new trees till 2022.

TOKOROZAWA TREE AVENUE



trees with shrubs – effective rainwater management



PROPOSITION FOR BRATISLAVA



chosen are several areas: Panónska , Dolnozemska, Pražská street...



Panónska street with important train and bus stop

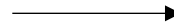


2.

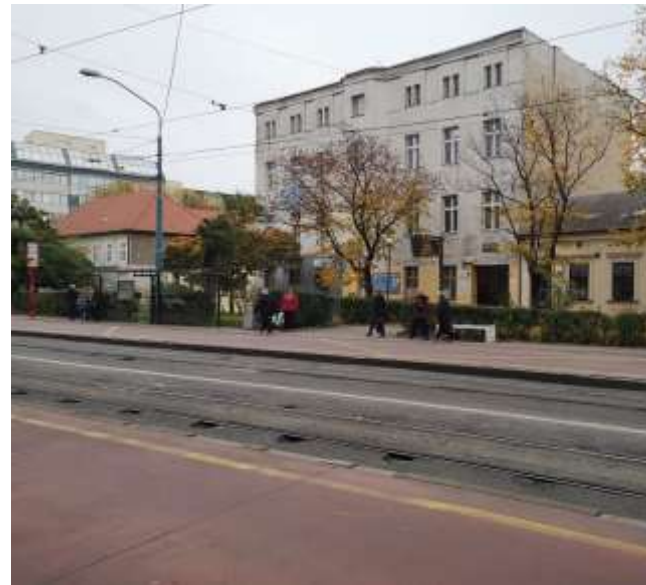
- refurbish and promote climate-resilient design of public space
- minimize individual car transport, support public transport and develop bike and pedestrian infrastructure
- awareness raising about city climate change adaptation through partnership with universities

Currently Bratislava has only 1,16 % of active cyclists in city, Bratislava wants to increase this share to 8 % by 2025 by developing green infrastructure and city of short distances well equipped for cyclists and pedestrians.

TOKYO, TOKOROZAWA PUBLIC SPACES



PROPOSITION FOR BRATISLAVA



improvement of public spaces for pedestrians and cyclist



chosen area in IUC program: tram and bus stop Blumentál

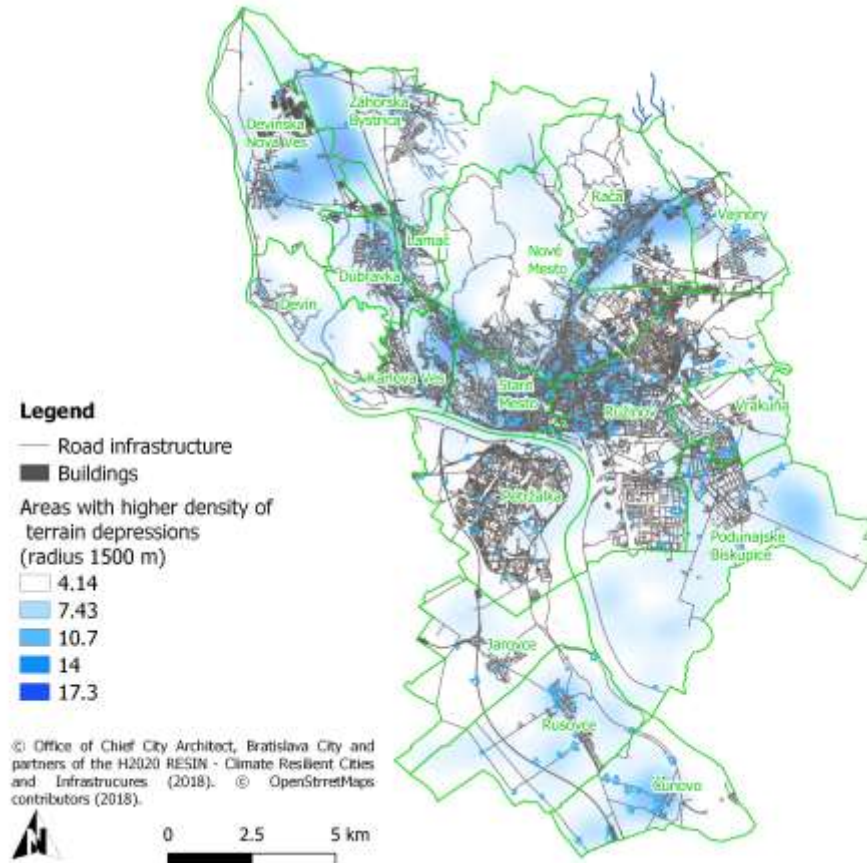
working session in Tokorozawa



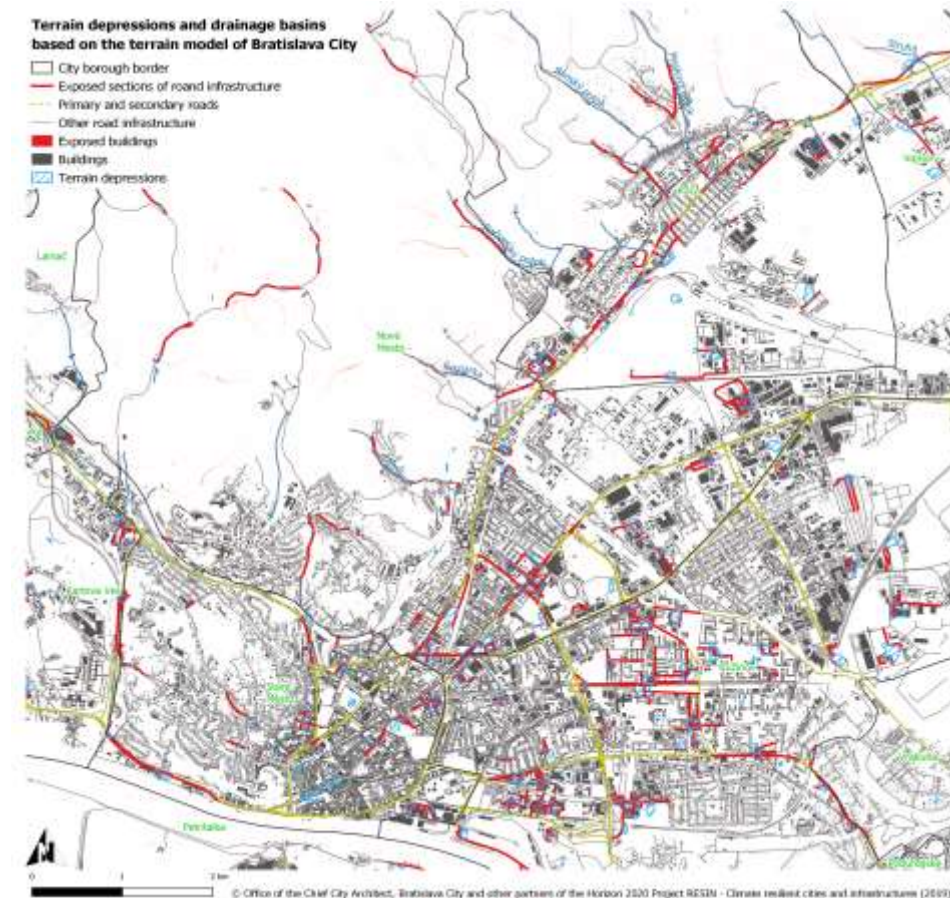
3.

- developing tools for identifying and preventing risks of climate change hazards, especially pluvial flooding

Bratislava would like develop disaster risk maps.

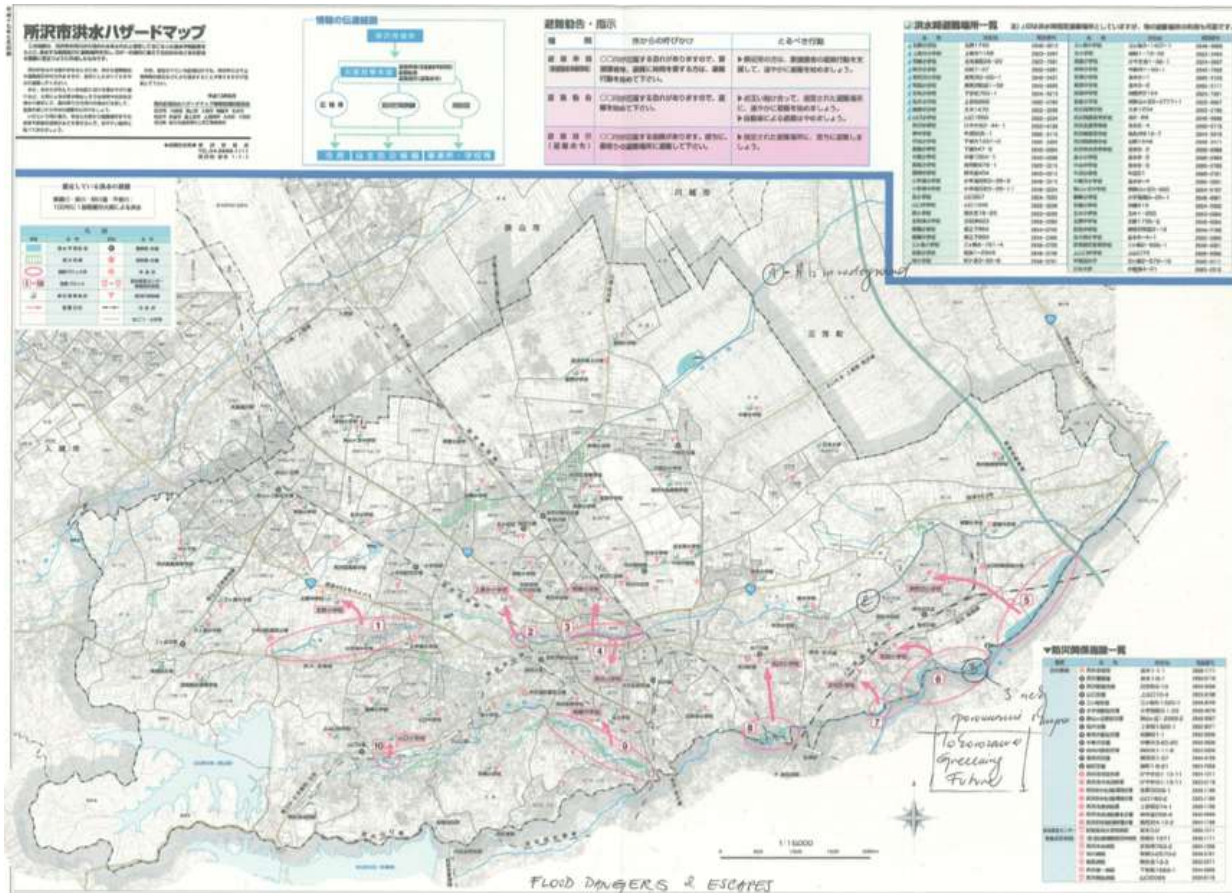


potential risk of pluvial flooding (heavy rainfalls – 80 mm/24hrs)
– especially in build up areas (use of impermeable materials)

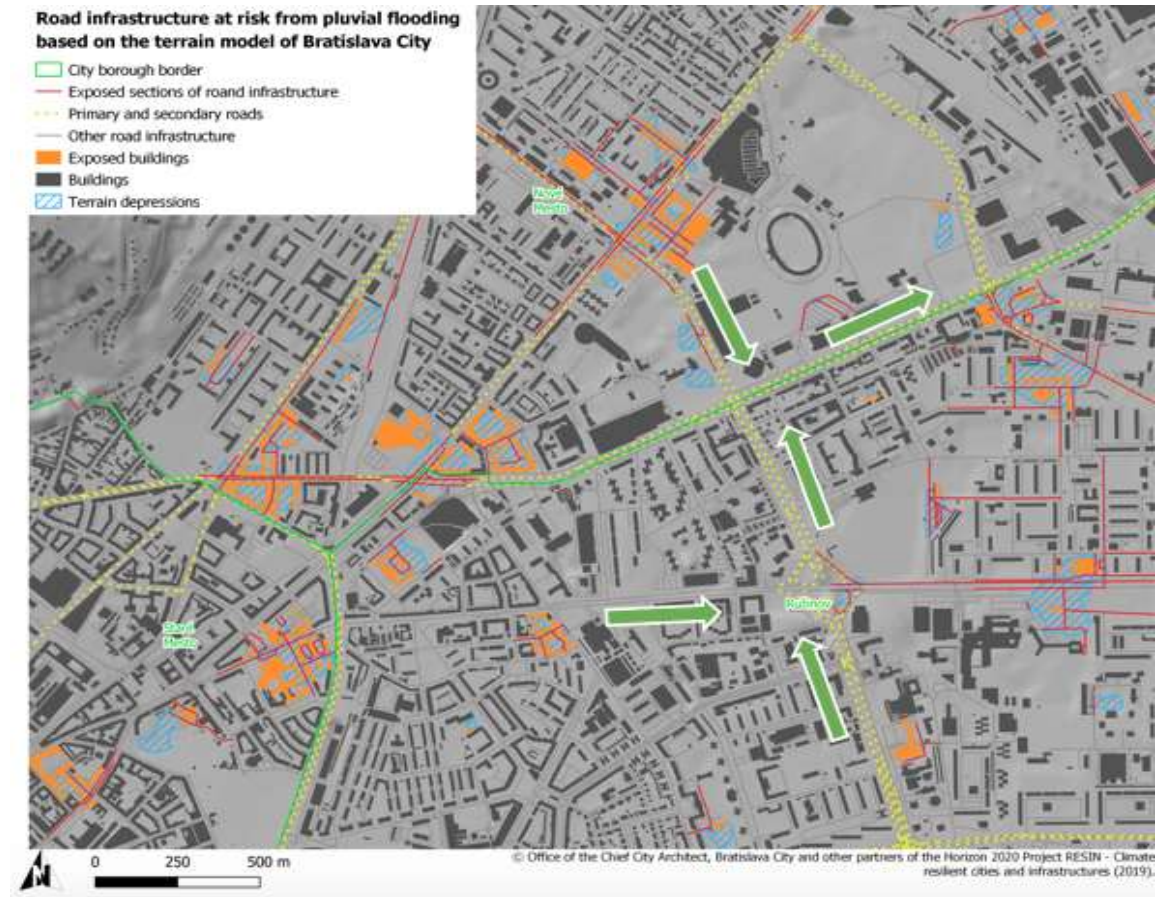


after locating potential drainage basins and terrain depressions, infrastructure at risk as well as buildings were highlighted (e.g. sections of roads or buildings present in terrain depressions)

TOKOROZAWA DISASTER RISK MAP / EARLY WARNING SYSTEM



PROPOSITION FOR BRATISLAVA DISASTER RISK MAP



Disaster risk map of critical infrastructures points out:

- areas where adaptation measures should be implemented
- alternative safer routes during flooding event



HAJPARK BRATISLAVA_residential buildings for creating good neighborhood relations



Now matter **how different our cities are,**
the challenges
of sustainable development, adaptation to climate change and aging populations are the topics that
unite us.




**KEEP
CALM
AND
LOVE
TOTORO**