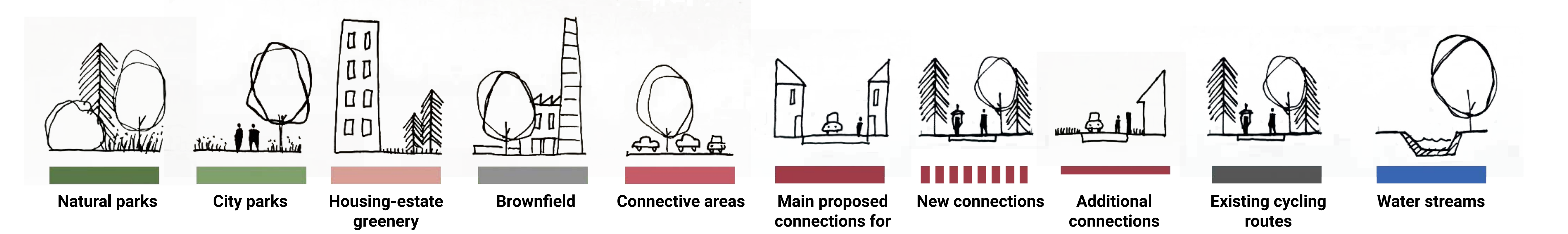




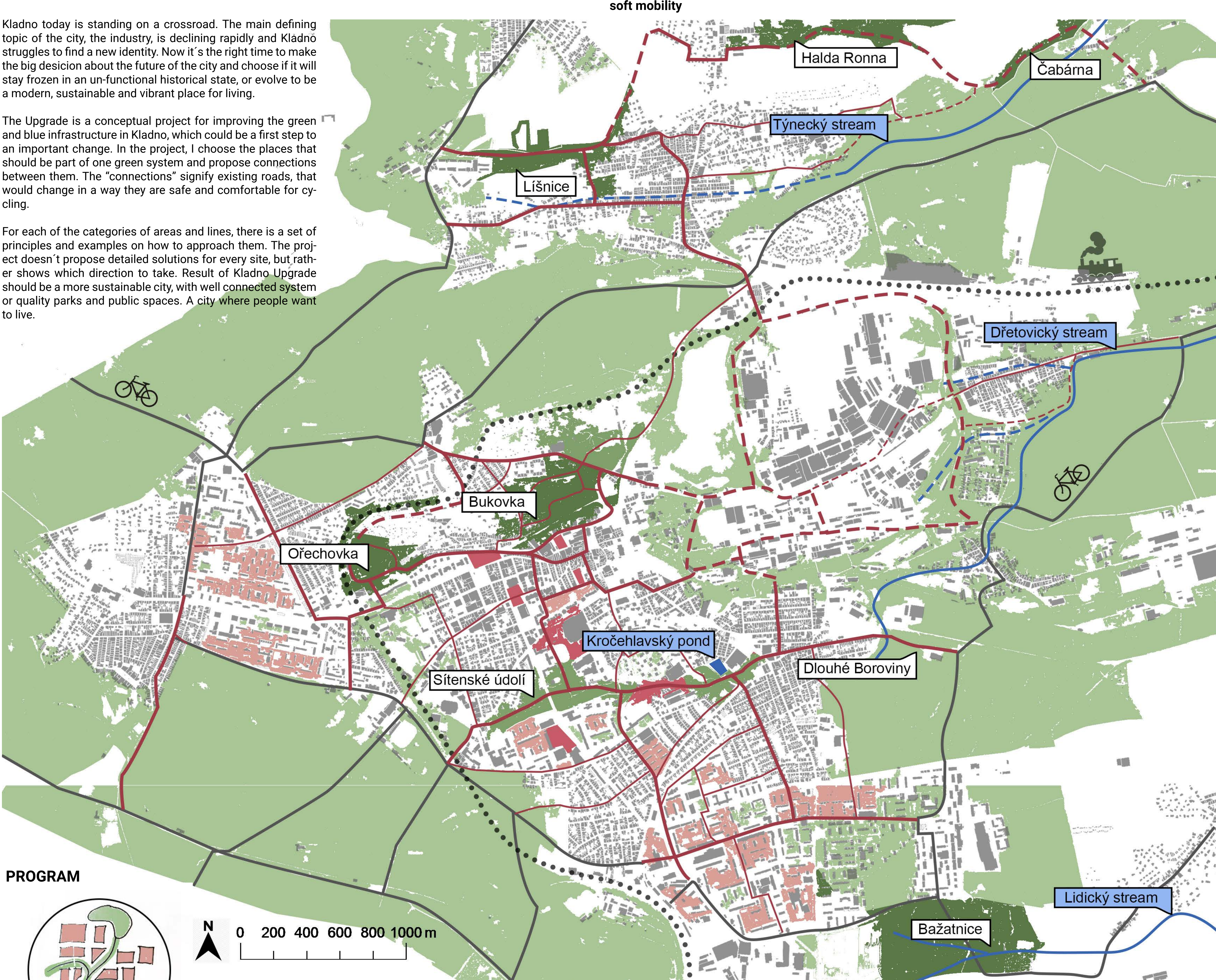
KLADNO UPGRADE, green system



Kladno today is standing on a crossroad. The main defining topic of the city, the industry, is declining rapidly and Kladno struggles to find a new identity. Now it's the right time to make the big decision about the future of the city and choose if it will stay frozen in an un-functional historical state, or evolve to be a modern, sustainable and vibrant place for living.

The Upgrade is a conceptual project for improving the green and blue infrastructure in Kladno, which could be a first step to an important change. In the project, I choose the places that should be part of one green system and propose connections between them. The "connections" signify existing roads, that would change in a way they are safe and comfortable for cycling.

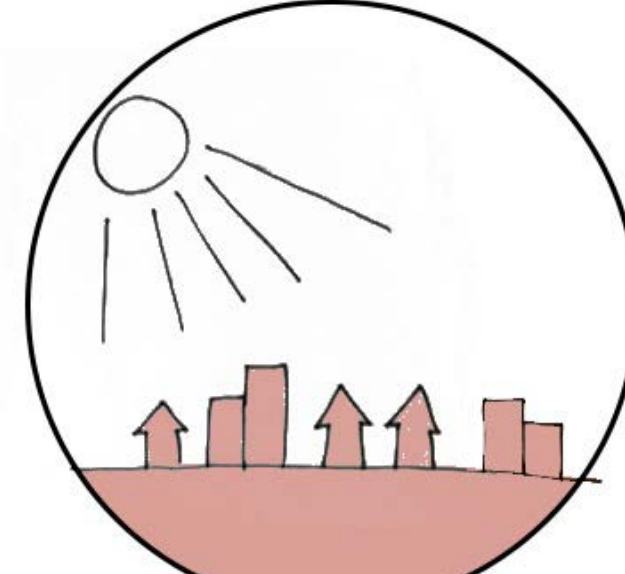
For each of the categories of areas and lines, there is a set of principles and examples on how to approach them. The project doesn't propose detailed solutions for every site, but rather shows which direction to take. Result of Kladno Upgrade should be a more sustainable city, with well connected system or quality parks and public spaces. A city where people want to live.



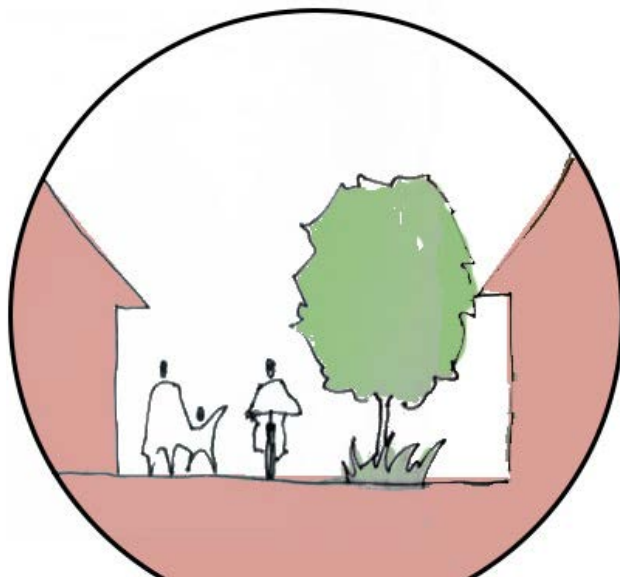
PROGRAM



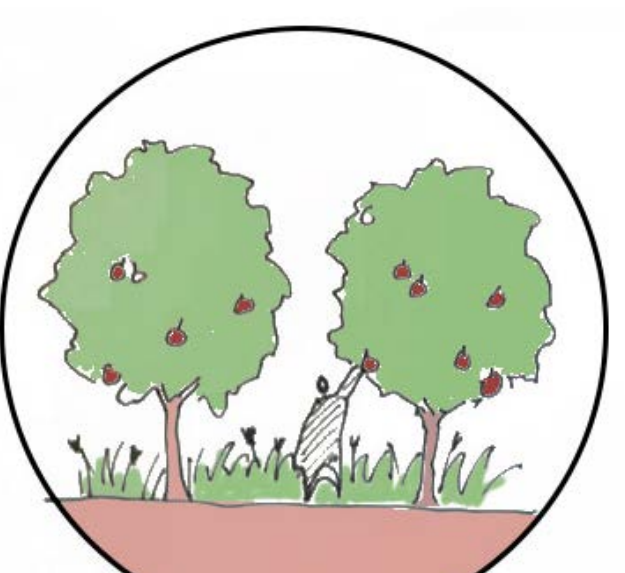
Improve the existing green spaces and connect them into a park chain



Reduce the summer heat waves by increasing water retention capacity



Make a city that is more friendly for people than cars



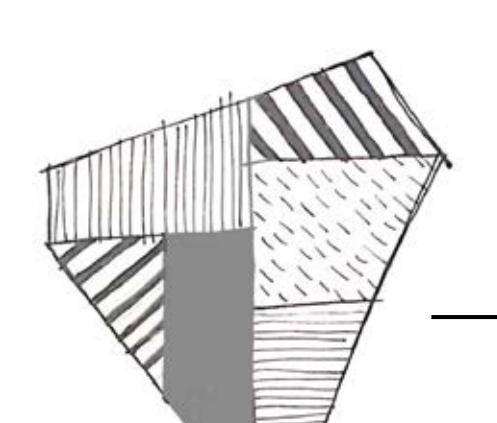
Revitalise the neglected orchards and parks

SOLUTIONS

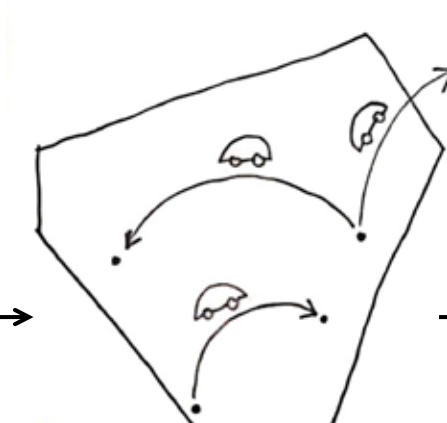
Each site needs an individual approach on how to revitalise it. However lot of places in the same category face the same problems, so I provide some principles and examples how to solve them. For example the natural parks mostly need just a little bit of cleaning, while parking lots and streets desperately need more greenery and smart rain-water management.

One category is connective areas. Those are places that don't have any clear purpose today and serve only as parking lots or empty areas. There are areas are important, because they have the potential to change visibly and fill in the blanks in the green system. Each place in the system should provide different atmosphere and function. Together they will form a green backbone of the city.

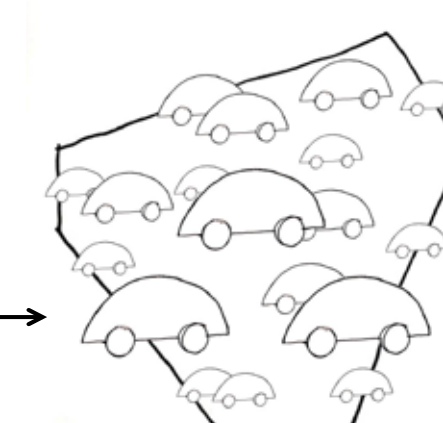
IMPORTANT TOPICS IN Kladno



Functional zoning of the city



Higher need for mobility



City flooded by cars



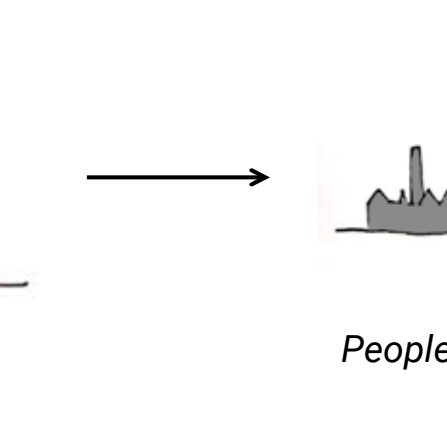
BROWNFIELD - key area of development



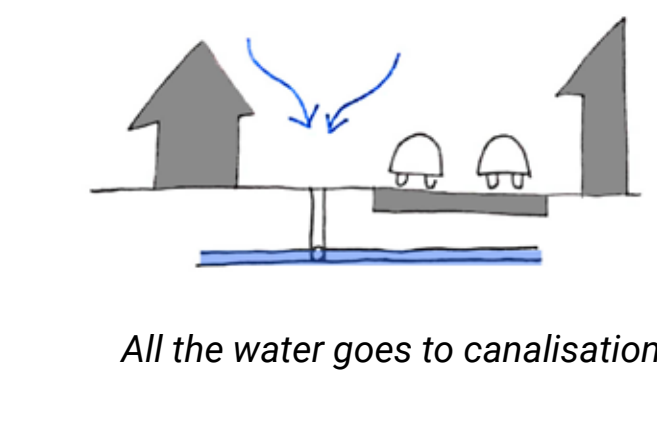
Large panel house complexes - need to be modernized



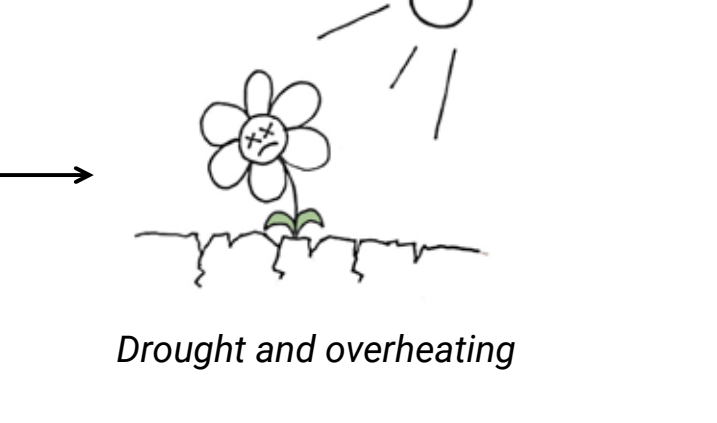
Lack of quality public spaces in the city



People running away" (to Prague, to nature)



All the water goes to canalisation



Drought and overheating



Position of the "example" places



Natural park - Lišnice (2)

I propose to clean the park in the first place. Trees would have enough space to grow and the hidden views would open. Some places to chill like a fireplace or a natural playground would be created near the main path.

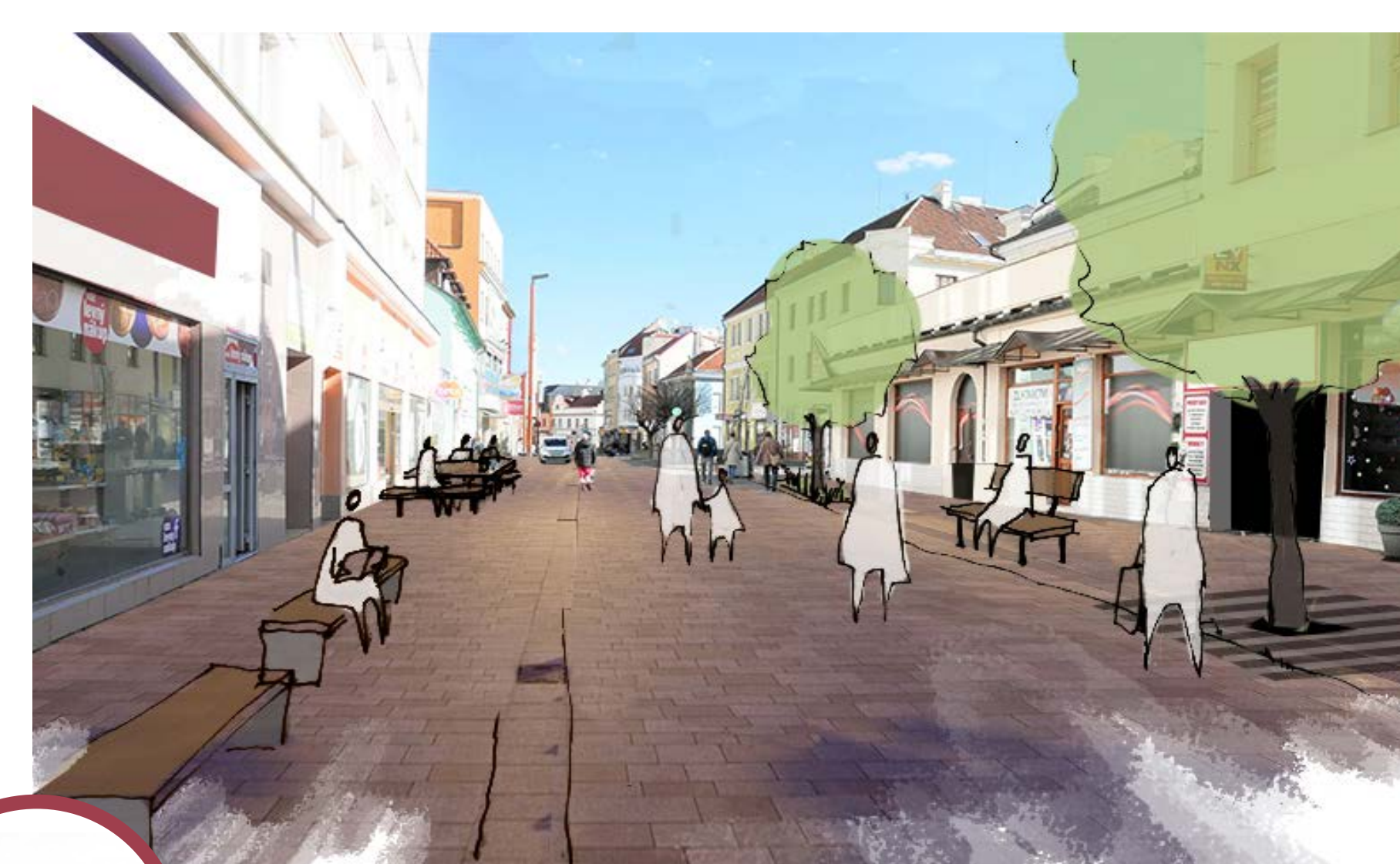


Masterplan for Panská louka



City park - Panská louka (3)

Since the park is surrounded by a busy road and a large mall, I propose to add more trees to create more cozy atmosphere. System of paths can be made less complicated. The park would also profit from some bench or a place where bigger groups of people could sit together.



Street - Main promenade (4)

I propose to plant trees in the promenade, using the principles of Stockholm solution. This would also solve the problem with rain-water management. The atmosphere of the street could be improved by making more lively parter and getting rid of the visual pollution.



Water stream - Dřetovický stream (5)

I propose to revitalise the stream by adding vegetation and changing the shape, so the water flows more slowly. Since the water is a big asset for the public space, it should be accessible for people. A cycling path along the water could attract people in the area.



Housing-estate greenery - Sídliště Kročehlavy (6)

The housing-estate greenery has one of the biggest potential for significant change. I propose to take a more radical approach and create completely new public spaces between the buildings, like large play landscapes and community gardens.