



CITYTHON 2021

22 - 28 OCT



Challenge 1

NAME: Green Connection

Short description:

The Green Connection is a concept of combining Lublin's green areas into a coherent recreational and natural system, to increase access to green areas.

Detailed description of the problem

The pandemic verified the needs of city dwellers and significantly influenced the way of thinking about what urban space should look like so we can benefit from it as much as possible. The pandemic increased the demand for green spaces, especially for close and easy access from the place of residence. We have already rediscovered many things such as allotment gardens and the value of green spaces where you can spend your free time, the value of simple trees and grass, silence, and the sound of birds and insects. The roads were silent, the planes were gone, but the parks, gardens, and balconies hummed with life.

The challenges the world is facing and the implications they have for the urban landscape present a moment to reassess and redefine our communities and our cities. We have an opportunity to provide a more fulfilling urban experience and to design for health, equity, and accessibility. The answer to this demand may be the connection of green areas in Lublin into the Green Connection.

Green Connection is a concept of combining Lublin's green areas into a coherent recreational and natural system. Lublin has significant potential thanks to the unique terrain - river valleys, dry valleys and ravines permeating the urban buildings, parks, squares and the greenery of the estate. Allotment gardens, cemeteries, semi-natural areas, wastelands, arable lands, post-industrial, railway, post-military areas and many others are also important. It is in these areas that green connectors may be created.

The implementation of the Green Network will significantly increase the availability of green areas. Entering one park or ravine, we gain free access to other green areas in the city.

Each of these connectors, depending on the width, includes plantings of trees, shrubs, a walking path, a bicycle route, places for recreation and rest, as well as elements that distinguish it from others. Wider connectors may be linear parks.

New links should be designated in the areas belonging to the Lublin Commune, some of the links have already been designated by the inhabitants in the form of informal paths.



2. What do we expect as the outcome of the solution?

Chosen Citython participants will provide visualizations, maps, description of solutions to be implemented as well as justified list of actions that they propose on the whole or part of the indicated road section. With attention to "green Improvement of access to green areas, air quality, accessibility.

3. What is the scope for changes to the current systems? (software, hardware, etc.)

Teams are free to utilize any technologies of their choice

4. What data are participants allowed to use for the development of their solution?

Video with description from the valley to the Czechów Hills: <https://youtu.be/gmSwILFD6MM>

Video with description from the Czechów Hills to the valley: <https://youtu.be/WkbwNip0yIM>

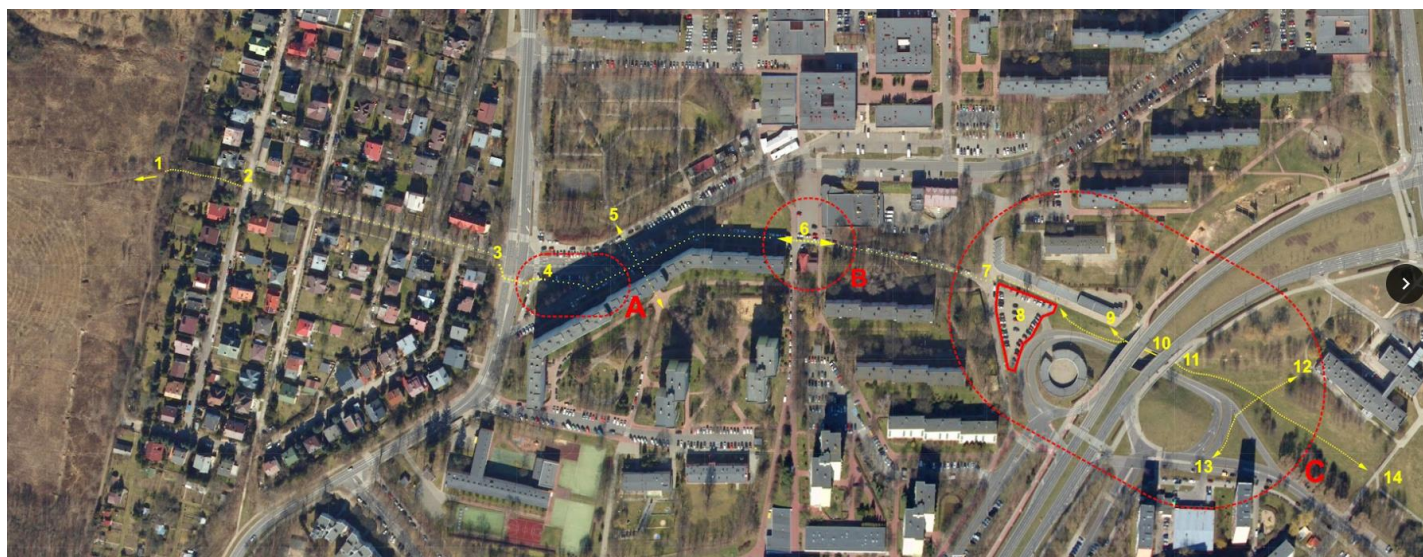
Photos: <https://tiny.pl/99rc1> and <https://tiny.pl/99rc4>

The Geoportal – tool that provides access to resources and services related to spatial data.

https://mapy.geoportal.gov.pl/imap/lmgp_2.html?startwg=wgLegend&gui=new&gpmap=gp0&bbox=-296022.1256032514,98049.27609855216,1329581.1256032514,821950.7239014478&SRS=2180&active_lyr=id:geopard.PRgad_PktAdres,mapId:msBDOT_N,lid:2&locale=en

<https://geoportal.lublin.eu/2d/>





COURSE OF THE PLANNED CONNECTOR BETWEEN THE CZECHÓW HILLS AND THE VALLEY AT THE ORGANOWA STREET

Section Point Area	Description
1	Entry area to Czechów Hills. CHALLENGE: <i>arrangement of a transition zone between a built-up area and a semi-natural area</i>
1-2	Well-trodden path between houses on the extension of the Solarza St CHALLENGE: <i>landscaping, "Czechów Hills gate", ensuring a sense of security</i>
2-3	Solarza Street - a historic avenue of trees, a road between trees and very narrow pavements CHALLENGE: <i>protection of trees as the basis of activities; how to conduct communication? Connect pedestrians and vehicles (calming traffic) introducing new sidewalks?</i>
3-4	Wide intersection, deflection of pedestrian traffic direction, no passage for bicycles CHALLENGE: <i>improving the quality of pedestrian and cyclists movement</i>
Area A	Area of pedestrian routes occupied by aggressive parking CHALLENGE: <i>solutions to reduce parking, improve quality of walking / cycling, enhancement of greenery</i>
5	Connection with the adjacent green square (neglected) as well as through the clearance / passage with greenery inside the estate CHALLENGE: <i>maintaining the connection, strengthening, introducing further connections</i>
4-6	Pedestrian route occupied by aggressive parking CHALLENGE: <i>solutions to reduce parking, improvement quality of walking / cycling, strengthening of greenery</i>



6	Local center, services, trade, dominated by parking function
Area B	CHALLENGE to highlight the center of the zone, reducing parking pressure, strengthening the green
6-7	Here valleys begins, numerous trees, pedestrian traffic occupied by aggressive parking CHALLENGES: solutions for parking restrictions
7	Crossing roads, degraded surface, the pressure of aggressive parking barrier in the form of a fenced parking lot CHALLENGE: arrangement of an intersection, strengthening of social functions, solving the problem of a barrier which is a fenced parking lot
8	Fenced car park lot at the bottom of the valley, a serious barrier to communication, low aesthetics, lack of greenery CHALLENGE: what to do with the parking lot?
7-9	Access to garages, currently the only available connection to the rest of the valley, poor connection, lack of continuity, curb barrier (e.g. for bikes) CHALLENGE where to go? „Should I use this space?“ Strengthening of greenery.
9	Well-trodden paths between garage access and the underpass (flyover), large height difference, inaccessibility for people with disabilities. CHALLENGE: how to run the route? Reinforcement of greenery
10	Passage under the viaduct (flyover), there is a surface but only under the flyover, degraded space, low sense of security, the value is that there is a CHALLENGE: renewing the space, connecting with new routes in the valley, ensuring a sense of security, improving aesthetics
11	Entering the flyover from south side, well-trodden path, no connection, technically degraded facility CHALLENGE: ensuring continuity, improving aesthetics
11-14	Path trodden in the valley CHALLENGE: protection of the existing greenery, introducing pedestrian and transport bicycle (together or separately?), strengthening greenery
12-13	Transverse connections, well-trodden paths CHALLENGE: what are the key linkages? Which should be strengthened in order not to cover everything with concret?
Area C	Vast area dominated by an anachronistic communication system, the disproportion between the number of roadways as well as their collision-free connection and the lack of sidewalks, bicycle paths and no connections for pedestrians; the valley floor occupied by the road; no pedestrian crossings, a barrier in the form of a parking lot (8) CHALLENGE: this is the main problem area, do we need such a system at all? Layout corrections or maybe a comprehensive reconstruction / liquidation of the junction? strengthening greenery, one should remember about the ventilating functions of the valley



14	Existing surfaces, non-intuitive layout of the pavement intersection <i>CHALLENGE: improvement of the layout, strengthening of greenery, one should remember about the ventilating function of the valley</i>
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oprac: J.Kamiński, 1.09.2021

5. Evaluation process of the final solution

Teams will be evaluated based on a final presentation on the following outputs:

- 1) level of project readiness for implementation;
- 2) impact on the landscape and the environment;
- 3) accessibility.

6. Special Note:

Dear Friends

your challenge at Citython 2021 is a part of a larger undertaking called "Green Network for Lublin", which we try to promote and develop. Here is its site in Polish <http://ulublin.eu/ogolnomiejskie/21-rozmowy-o-miescie-zielona-siec-dla-lublina/>. We are sure you will understand easily what it is about. Your task is to design one "branch" of this network. Therefore we decided to support you as much as we can and provide you via Lublin Municipality with all materials that we would ourselves like to have in similar situation. The films are not technically perfect but we wanted to make them in vlog-like way as if to take you for a walk with us. We think it would not be possible to show you every detail of the landscape in another way; it rather requires filming and talking at the same time by the same person(s). I think, what is the most important in making this route better for pedestrians and cyclists, besides solving physical problems with the communication, is to make their way intuitive so that they feel it smooth and effortless.

If you notice any problems in these materials, if you have any doubts or questions, or need more photos from particular view - just let us know.

Good luck!

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- Marcin Skrzypek, Forum for Culture of Space at the "Grodzka Gate - NN Theatre" Centre (marcin@tnn.lublin.pl);

