

Diploma preparatory course/fall 2023-2024

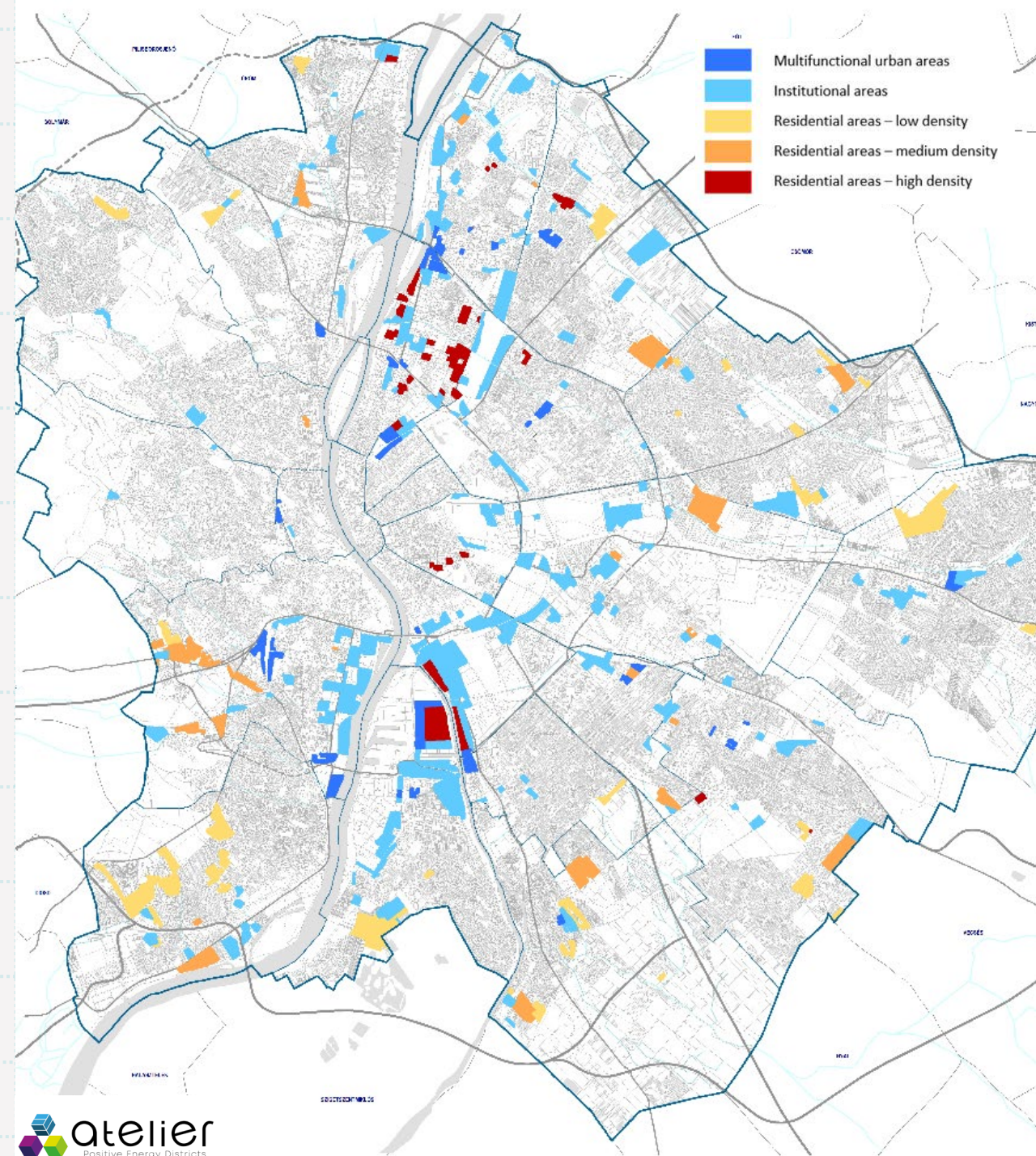
CDC

community development center

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1.0 Budapest: Towards Sustainable New Neighbourhoods

The Budapest Municipality aims to offer development opportunities within the city limits, especially in the transition zone to reduce urban sprawl while improving quality of residential areas. The Municipality concentrates on brownfield sites, with a housing focus, because one of the main problems in Budapest, especially in terms of daily transport and commuting, is the population moving out to the suburban areas. Budapest currently has more than 2600 hectares of brownfield areas that can be used for new developments.





1.1 Budapest/ Kelenföld 2016

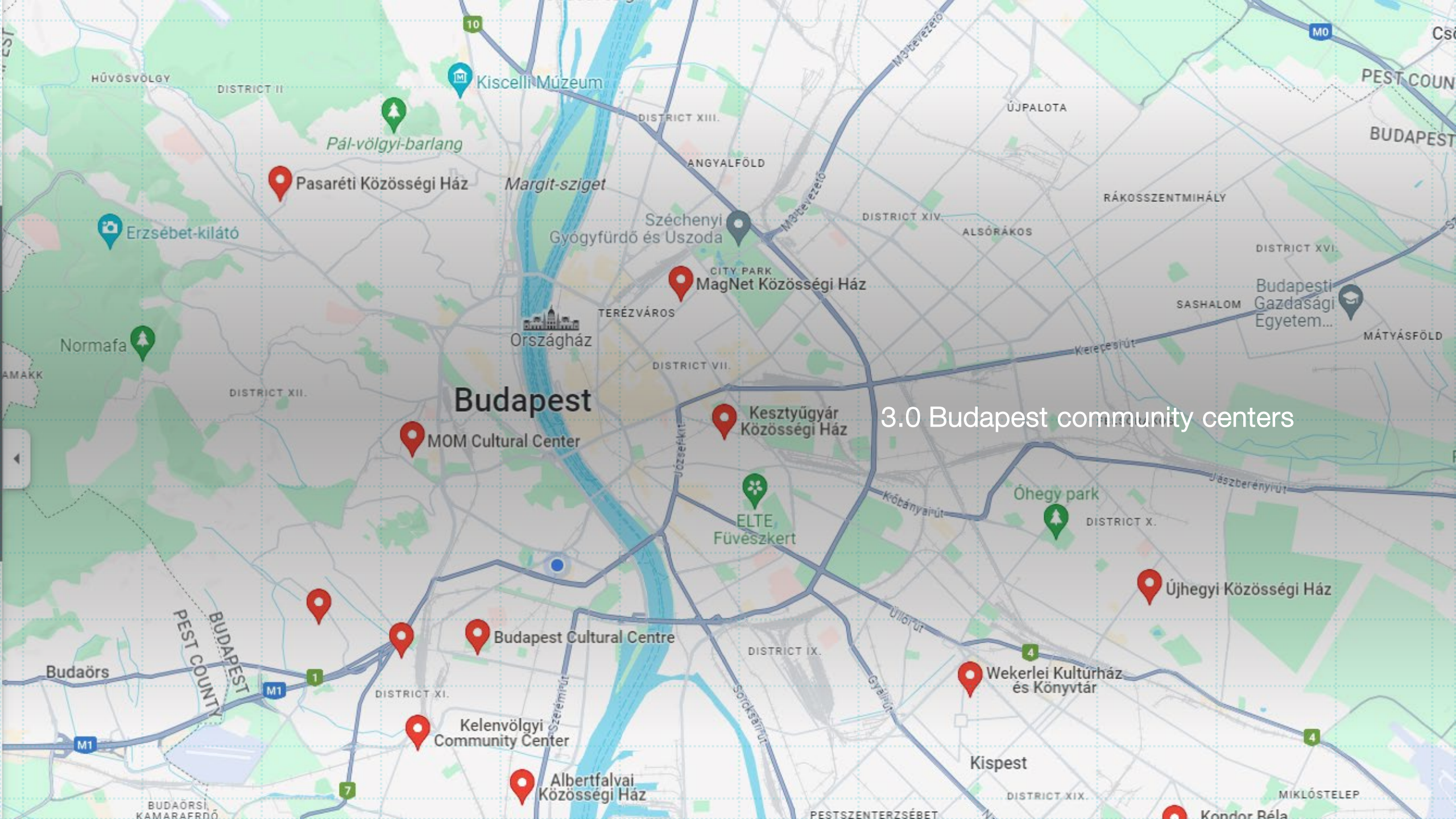


1.2 Budapest/ Kelenföld 2022

2.0 Buildings for individuals or community?

- Budai Walzer lakópark
- Elite Park Lakópark
- Metrodom River
- Bodai Bolero Residential Park





Pasaréti Közösségi Ház

Margit-sziget

Kiscelli Múzeum

Pál-völgyi-barlang

Erzsébet-kilátó

Normafa

Budapest

MOM Cultural Center

MagNet Közösségi Ház

Kesztyűgyár Közösségi Ház

ELTE Fűvészkert

Óhegy park

Budapest Cultural Centre

Kelenvölgyi Community Center

Albertfalvai Közösségi Ház

Wekerlei Kultúrház és Könyvtár

Újhegyi Közösségi Ház

Kispest

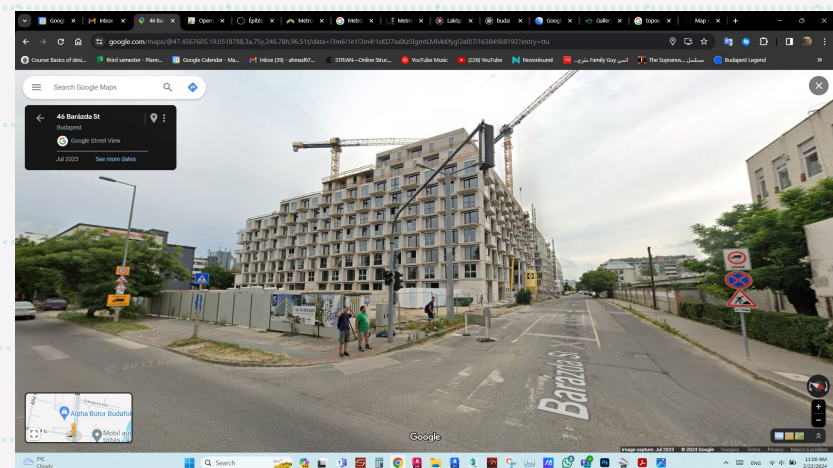
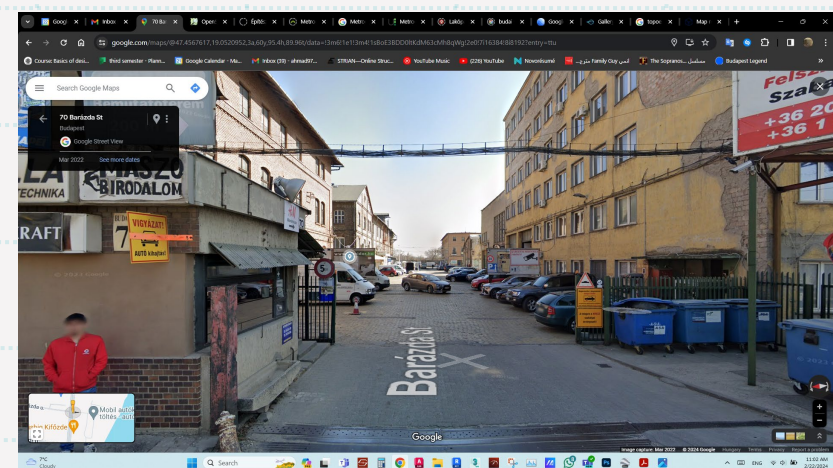
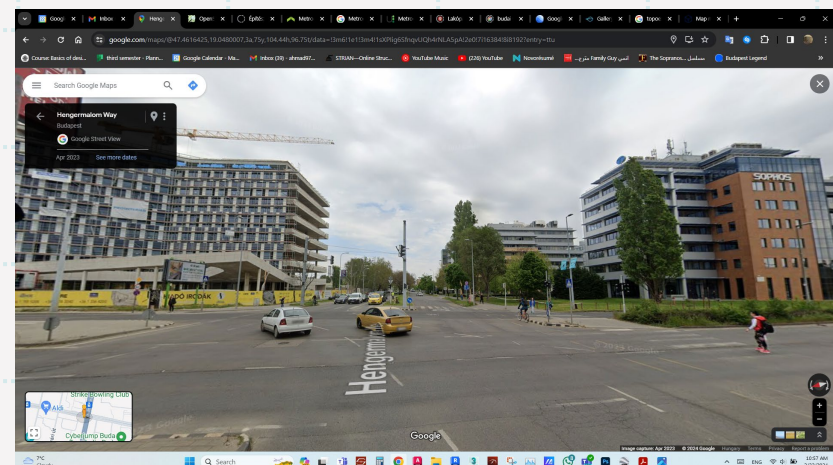
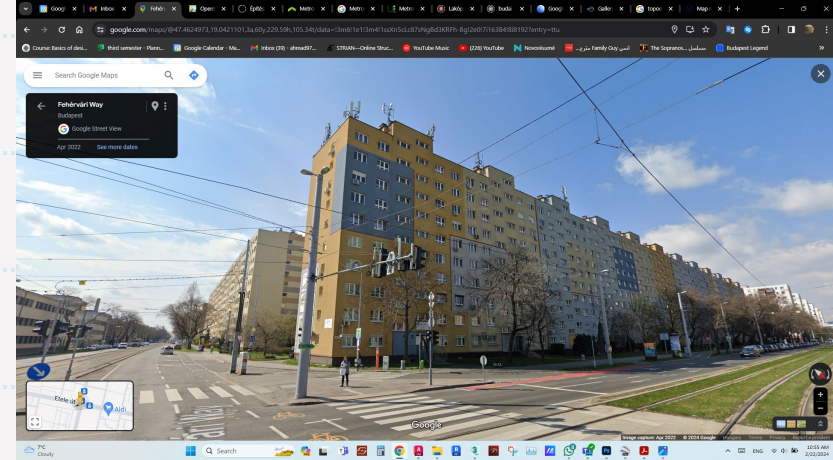
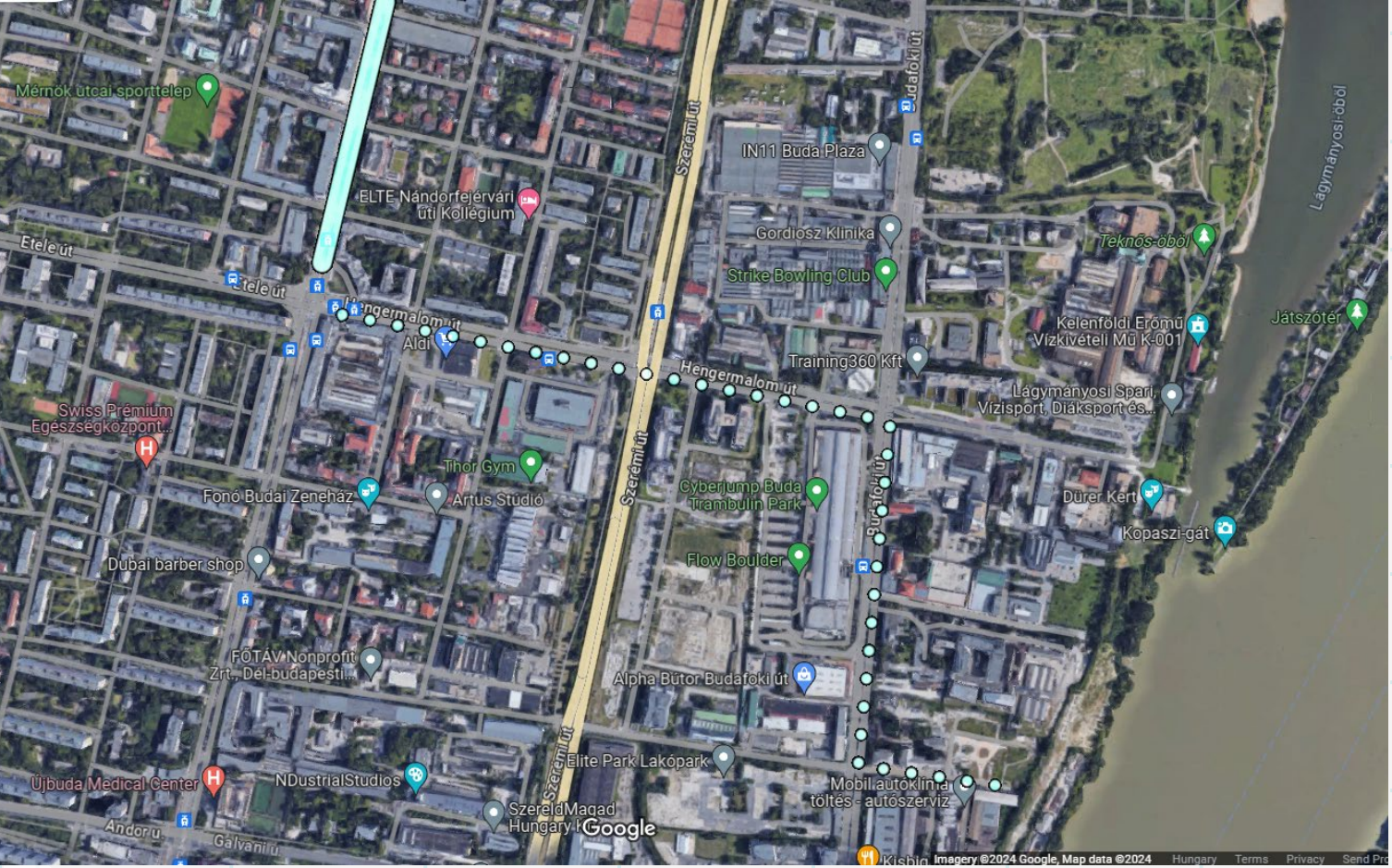
Kondor Béla

3.0 Budapest community centers



3.1 Budapest community centers

- Albertfalvai Közösségi Ház
- Budapest Cultural Centre
- MagNet Közösségi Ház
- Mom Cultural Center



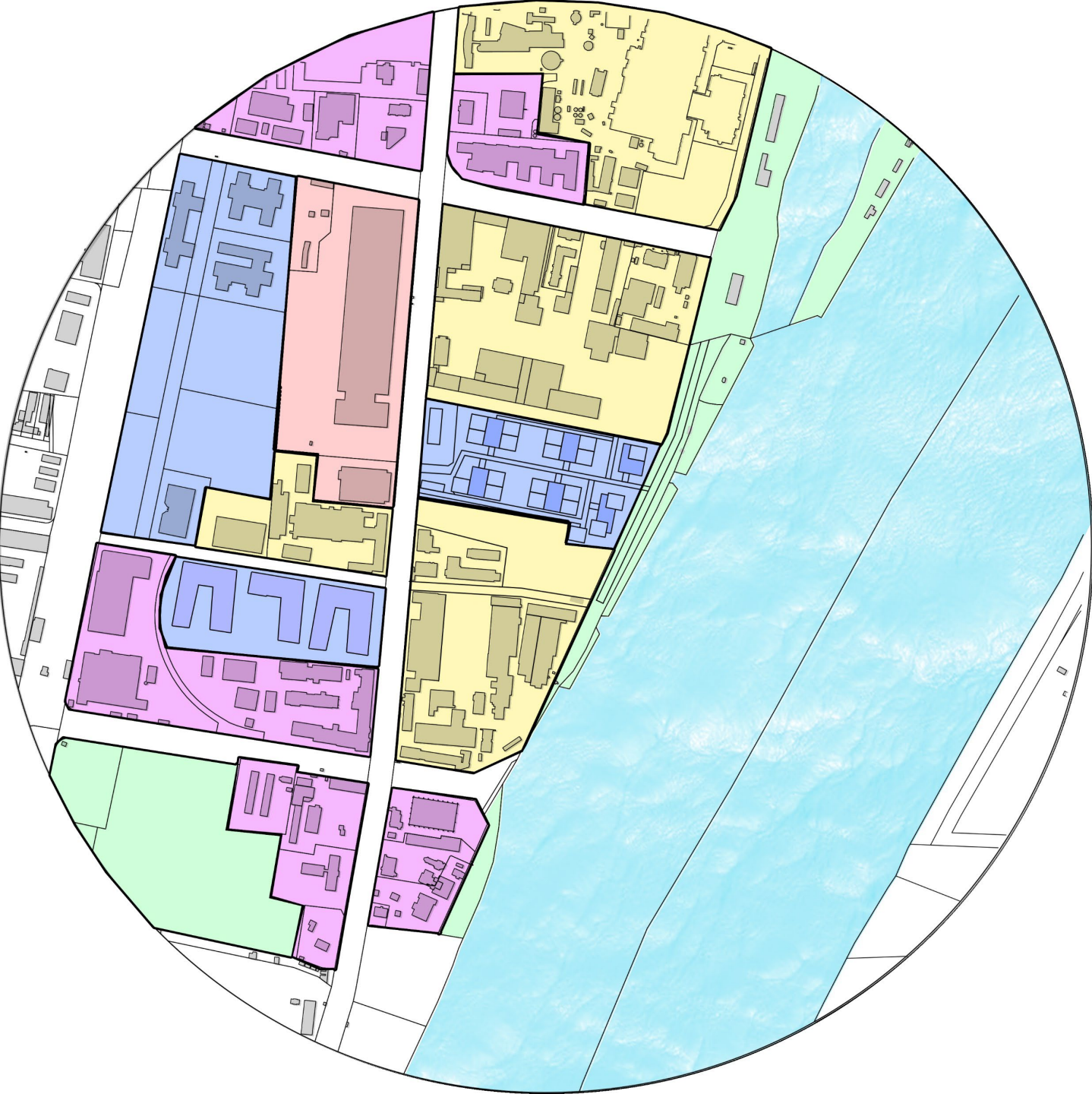


Kelenfold site features

- well organized transportation map
- direct axis to Danube
- diversity of building scales and functions
- brownfields to be used
- the area under development
- green lines on the river
- shortage of social and entertainment facilities
- new bridge for Budapest

plot

- related to a massive housing estate
- diversity of heights
- link the plot with the pedestrian path



Kelenfold site features

- industrial facilities
- green plots
- entertaining and commercial
- administrative
- residential



Project plot

- at the end of the visual axis to Danube
- related to residential plot
- linked with the green path on the river
- 50x75 sqm
- opportunity to keep the place memory

4.0 why, what is a community center?

1. Community centers serve as multi-purpose facilities that play a crucial role in fostering a sense of community, providing resources, and promoting social, educational, cultural, and recreational activities. The specific purposes of community centers can vary depending on the needs and goals of the community, but some common objectives include:
2. -Community Engagement
3. -Recreation and Leisure
4. -Educational Programs
5. -Cultural and Arts Events
6. -Social Services
7. -Meeting Spaces
8. -Emergency and Disaster Response
9. -Youth Programs
10. -Senior Services



6.0 case study Community Development Center / CCA Centro de Colaboración Arquitectónica

The project is part of a larger urban master plan for Mexico's Ministry of Agrarian, Territorial, and Urban Development SEDATU and works to "revitalize the city's public life by creating a space that offered inclusive opportunities for cultural and educational development within the local community,"

The center is a cultural and educational space that offers more inclusive development opportunities for the local community.

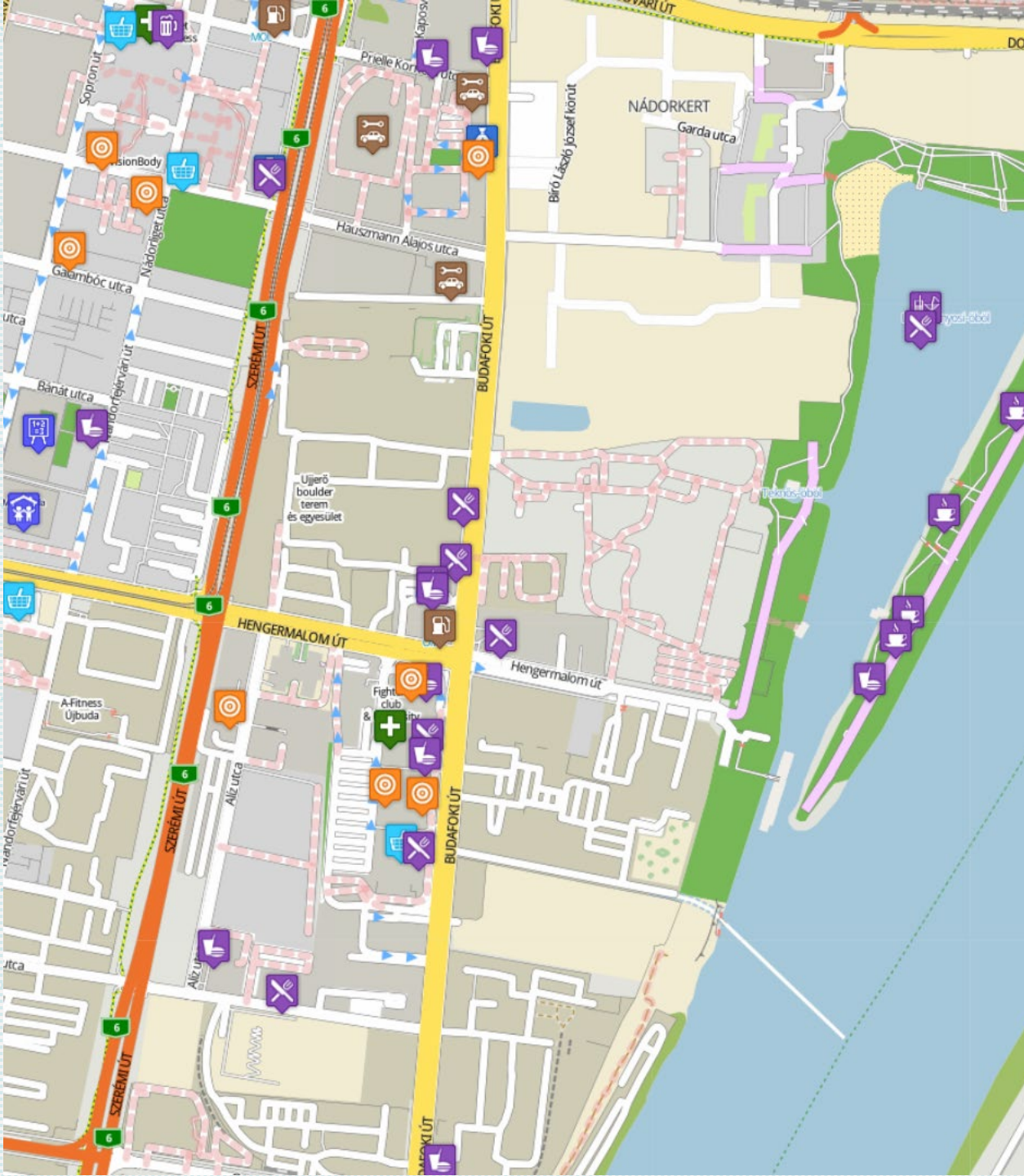


6.0 case study
Community Development Center /
CCA Centro de Colaboración
Arquitectónica

The project was conceived as a habitable sculptural piece, with an architectural program composed of workshops, multi-purpose rooms, a library, an auditorium, and an administrative area. These are developed through a simple structure, composed of eight monumental concrete panels perforated with semicircular arches.

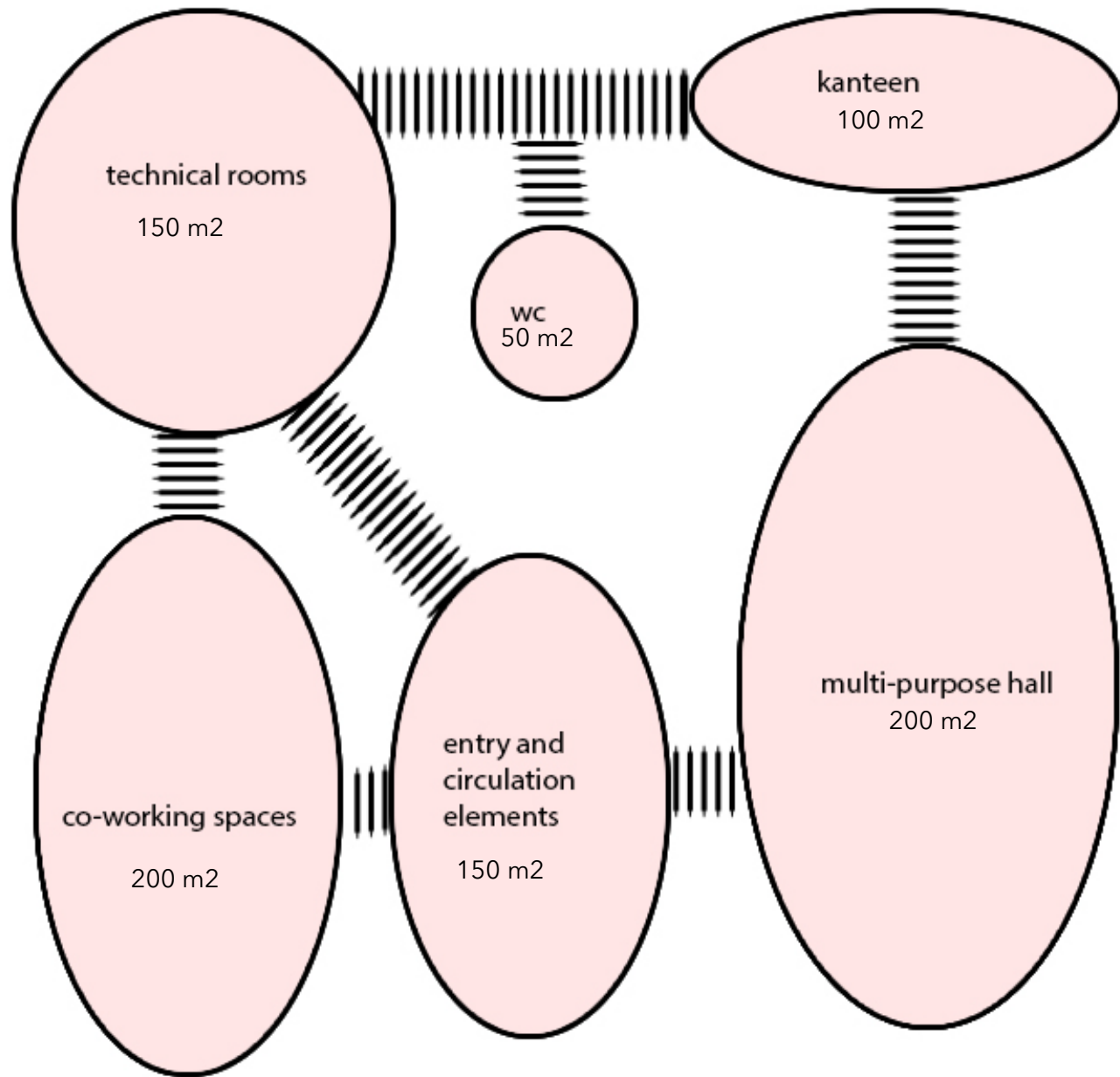
"Regarding environmental considerations, the CDC project incorporates strategies to maximize re-use, minimize waste, and reduce the building's embodied carbon," the team said.

Using local materials and efficient construction practices, the project minimizes waste generation, reduces environmental impact and carbon footprint and contributes to a sustainable future for the community and the planet.

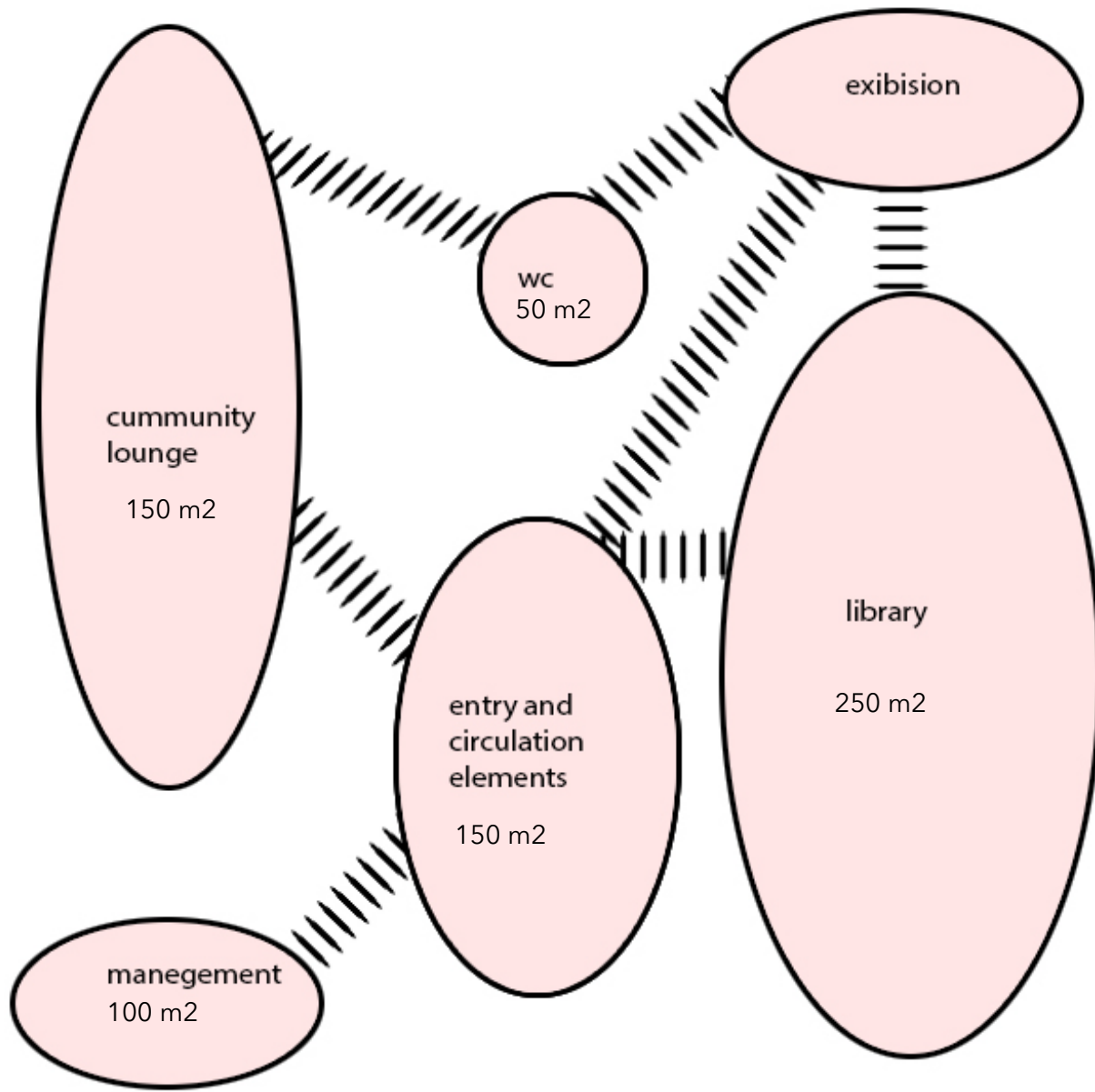


7.0 functional program

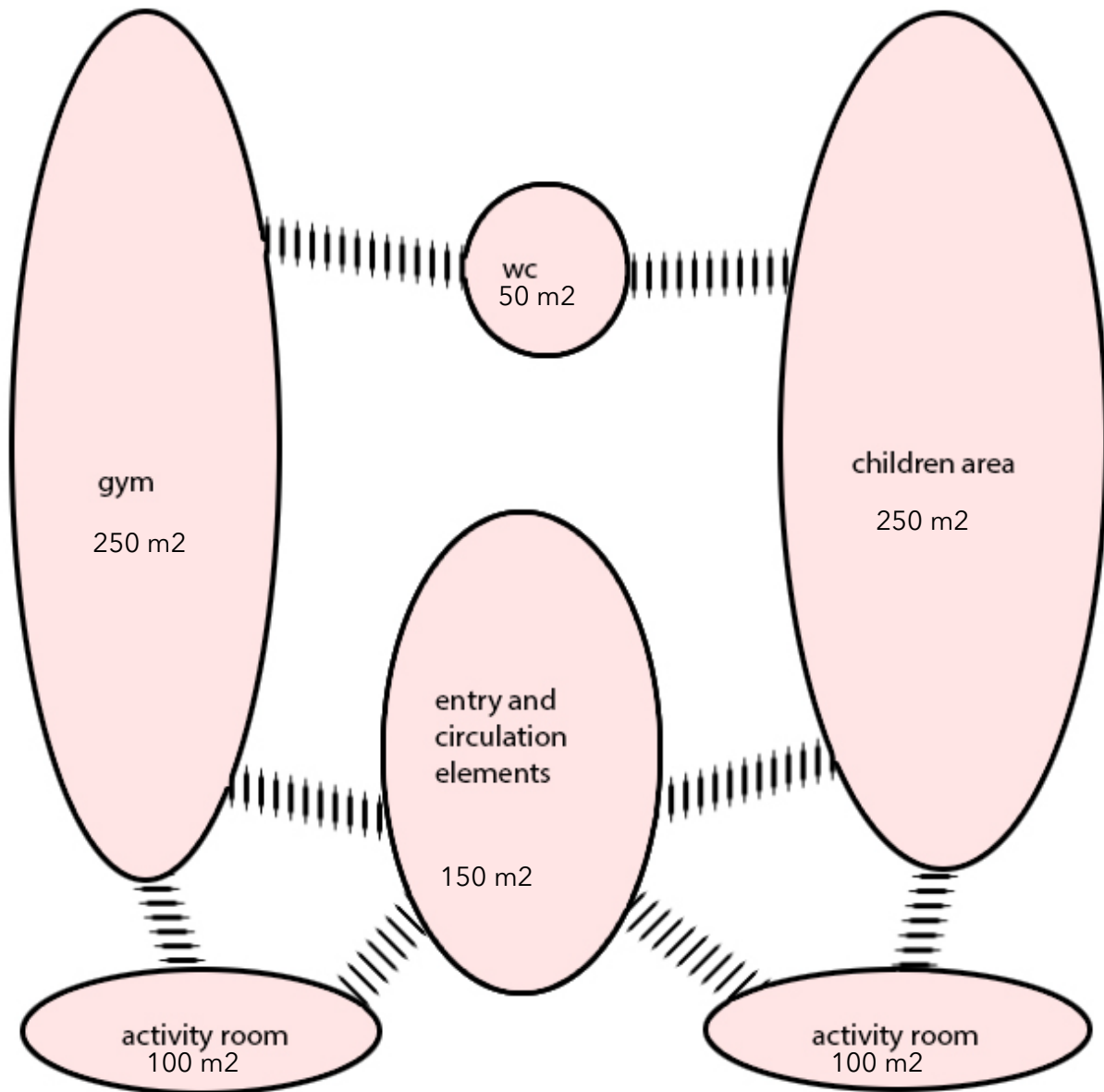
After analyzing the current situation for Kelenföld and matching the current community centers around with the current demand for the undergoing residential complex, the following program :



7.0 functional program / ground floor
Total area 1000 m²



7.0 functional program / first floor
Total area 1000 m²



7.0 functional program / second floor
Total area 1000 m²

Thank you!

8.0 References

<file:///D:/BME/third%20semester/diploma/final%20presentation/CCA%20Oruns%20arched%20colonnade%20through%20community%20centre%20in%20Mexico.html>

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<https://budaiwalzer.hu/>

<https://uniszig.hu/portfolio-items/budai-bolero-lakopark/>

<https://smartcity-atelier.eu/allgemein/budapest-towards-sustainable-new-neighbourhoods/?cn-reloaded=1&cn-reloaded=1>