

UNDER \$\$\$ PRESSURE

from refugee-camp to starter-homes

eco-logic-development in 2024 - how can it be viable? - first half of autumn semester 2024/25 - department of Residential Design - department of Construction Technology and Management

Let's design a mixed-residential development, invent additional viable functions in the area that was formerly used for a refugee-camp.

Teachers

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Site: Former refugee-camp, Bicske



Program

The Hungarian-Maltese Charity Service has a task of building starter-homes for young persons, couples, small families. In the central area of the property, on the site of the former, now demolished refugee-camp accommodations, we plan to construct residential buildings that will serve the needs of new occupants as starter homes for a period of 1-4 years. The apartments will be modest in size but not cramped, suitable for normal living. The ground-floor apartments are designed to be accessible for those with disabilities. Neighbours living nearby (next to or above

each other) can assist their mobility-impaired companions. The ground floor areas may include additional functions, community spaces, local work opportunities, and extended home-office support to aid the residents. Additionally, an indoor therapeutic area can be established here, offering sports, movement development, physical therapy, movement therapy, and mental health care. A communal garden and park should be created between the buildings, preserving as much as possible the currently existing, well-maintained trees that provide shaded, pleasant areas. We will develop a recreational environment suitable for people with mobility impairments in the green spaces, which will include various sports facilities, a classic rest park, and an "ability park" offering active recreation for everyone. The purpose of the additional service functions is to enable residents to engage in as many active pursuits as possible within the area, blending urban "apartment living" with a nature-close rural lifestyle. To this end, we will establish various indoor and outdoor sports facilities and a community garden suitable for growing plants. The overarching goal and message are to create a human-scale residential environment with equal access, reflecting natural and social sustainability as well as the innovative efforts and social innovations of the Hungarian Maltese Charity Service.

“UNDER \$\$\$ PRESSURE”, you must build up a simplified business model for the new function and calculate the future viability of your project.

Schedule

Week	Tuesday 10:15 (subject to change)	Thursday 10:15 (subject to change)
1.	introductory lecture, students form teams ,	consultation
2.	students' presentation: site analysis and reference works	consultation
3.	NO school (Sport-day)	students' presentation: functional program, references, concept
4	consultation	Midterm presentation
5	consultation	consultation
6	consultation	consultation
7	Final check	students' presentation: Final projects

Student presentations:

- week 2: Ppt or pdf slideshow, 2-5 minutes per group on topics related to site
- week 3: Ppt or pdf slideshow, 5-10 minutes, showing your functional program, motivating references, and your first sketches, 3D visions
- week 4: midterm presentation in 10-15 minutes including: references - site plan -3Dviews - floorplans, sections, elevations detailed in a level of 1:200 scale – sketches, floor plans, sections or 3D views explaining the concept
- week 7: final presentation, slide show in 10-15 minutes including: physical model - site plan - 3Dviews - floorplans, sections, elevations detailed in a level corresponding to 1:100 scale – sketches, floor plans, sections and 3D views explaining the concept in a level corresponding to 1:100 or 1:200 scale as chosen by teachers. Realistic animation.