Under Pressure
Eco-logic-development in 2022:
Can it be viable?

Second half of autumn semester 2022/2023
Department of Residential Design
Department of Construction Technology and Management

The classroom is available for you all day on Tuesday and Thursday. Note that the door is not locked, and other students use the classroom on other days. Please arrive no later than at 10.15 on each day. Tuesday is for consultations, lectures and workshops. Thursdays for consultations and presentations.

Teachers

Adrienn Lepel PhD, György Hild DLA

Site: Tatabánya, lakeside

Let's design a development, invent viable functions around a lake that was formerly used for cooling of a power station. At that time the lake was warmer and hundreds of semi-illegal "fishing bungalows" were built, some of them are as big as a smaller family house… The new function and the realization should be interesting and eco-friendly, but somehow viable as well…

Program

In this course you will work with Hungarian students. The aim is to design an architectural intervention with a functional program based on Hungarian students' preparatory studies. The challenging situation has several hidden values, that the students should reveal and use. The proposed intervention should consider the architectural and cultural history of the surrounding area. "Under economical pressure", you must build up a simplified business model for the new function and calculate the future viability of your project.

Schedule

Week (date)	**Tuesday**	**Thursday**
1. 25.10 27.10	**10.15: introductory lecture** students **form teams**, students **visit site** on their own on	**10.15: students' presentation:** **site analysis and reference works** meeting with **Hungarian students** **consultation time**
2. 01.11 03.11	**Day off** **All Saints' Day**	**10.15: students' presentation:** **functional program, references, concept** **consultation time**
3. 08.11 10.11	**10.15: consultation time**	**10.15: Midterm presentation** **consultation time**
4 15.11 17.11	**10.15: consultation time**	**Day off** **Students' Scientific and Art Conference**
5 22.11 24.11	**10.15: consultation time**	**10.15 consultation time**
6 29.11 01.12	**10.15: consultation time**	**10.15 students' presentation:** **development**
7 06.12 08.12	**10.15: consultation time**	**10.15- students' presentation:** **Final projects**

Student presentations:

- week 1: PowerPoint or pdf slideshow, 2-5 minutes per group on topics related to site
- week 2: PowerPoint or pdf slideshow, 5-10 minutes, showing your functional program, motivating references, and your first sketches
- week 3 midterm presentation, slide show in 10-15 minutes including some references (not too many) - site plan -3Dviews - floorplans, sections, elevations detailed in a level corresponding to 1:200 scale – sketches, floor plans, sections or 3D views explaining the concept
- week 6: oral presentation in 2-3 minutes showing to others how your project changed and developed.
- week 7: -week 4 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.