M.Sc. Programme
Department of Architecture KIT
Stegreif
Summer Semester 2022
LV1720811

KULTURKIOSK
FREIBURG

Course offered by:
DDF - Professur Digital Design and Fabrication
& NB - Professur Nachhaltiges Bauen
IEB - Institute for Building Design and Technology
KIT - Department of Architecture

Team:
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Stühlinger Kirchplatz is a small park in Freiburg, located close to the city centre and the railway station. It is a well-known meeting point for the whole community and a venue for diverse events. The park is populated by students relaxing on its lawns, by children playing on the playground, by a West African community that meets there daily and by shoppers going to the weekly market. However, it is also a place of conflict due to drug dealing and excessive alcohol consumption, which has led to an intensive police presence in the last two years. An initiative by local social and cultural associations aims to establish a small multifunctional building or object(s) as a starting point for a positive and integrated development of the whole park. Developing a concept for this “Kulturkiosk”, addressing the social-cultural context with sustainable construction and digital design, is the focus of the Stegreif.

The Stegreif is a collaboration between the Professur Nachhaltiges Bauen, Professur Digital Design and Fabrication and “Schwere(s)Los e.V.”. No prior knowledge is required to take part in the Stegreif.
The aim of the Stegreif is to develop a concept diagram and a visualisation for a spatial structure, urban furniture or object(s) that can promote engagement with different target groups within community, implement sustainability principles and envision digital frameworks.

The concept should integrate a variety of objectives:

- **Programmatic aims**: integrating different usages such as community workshop, lounging area, café/kiosk, counselling room for asylum issues for the West African community, stage for small cultural events

- **Reconfigurability, movability and/or adaptability**: according to different time periods (for example considering the possible uses throughout the day, year or in different seasons) or according to the different users

- **Community participation through digital tools**: strengthening the sense of community through collective construction processes, metadesign principles, augmented fabrication instructions or design accessibility through digital tools

- **Sustainability and circularity**: applying principles for Design for Disassembly or Design for Remanufacture, Reuse and Recycling at the material or design scale

This could result, as an example, in small functional objects that are reconfigured, reassembled and stored around a core structure. They could be made of just one modular component whose connections allow to preprogramme the instructions to reconfigure it into a variety of larger interlocking structures and different spatial experiences.
[01] Puzzle House - HHF + BIG

[02] Enzis - PPAG Architects
[03] Story Pod - Akb Architects

[04] Re-SOHKO Transform Box - Nosinger
03 DELIVERABLES

FINAL PRESENTATION – 25.05.2022

*Individual presentation - max. 10 minutes*

One A2 poster containing:
- Concept diagram
- Visualisation or rendering
On the first meeting, on May 11th, the task will be explained through a selected series of project references, meant to showcase different potential directions and as inspiration for new ideas. The students will work individually on a concept and present the results in a final presentation on May 25th through a concept diagram and a visualisation. Two additional desk crits are planned for May 11th at 16.00/17.00 and on May 18th at 10.00.

Seminar dates:

**1st appointment:**
11.05.2022
10.00 am - 12.00 pm: Intro
3.30 pm - 4.30 pm: Brief desk crit
Geb. 20.40, R. 136 (Fakultätszimmer)

**2nd appointment:**
18.05.2022
2.00 pm - 3.00 pm: Desk crit
(room will be communicated at a later time)

**3rd appointment:**
25.05.2022
10.00 am - 12.00 pm
Final presentation
Geb. 20.40, R. 136 (Fakultätszimmer)
05 REFERENCES

02. https://www.ppag.at/de/projects/enzis-moblierung/
03. https://akb.ca/projects/story-pod/
04. http://opensohko.com/design/re-sohko-transform-box/
07. http://hookepark.aaschool.ac.uk/woodchip-barn/
08. https://www.wikihouse.cc/projects