

Interaction Under Construction

Proposal for a space

O / Festival 2022



The Team



NITSAN BARTOV

Architecture student at The Royal Danish Academy. Currently writing his thesis on Kinesthetic Empathy in architecture. Worked in various architecture offices in Tel-Aviv on large-scale projects. Nitsan is currently working for the Studenter Secretariat, initiating and managing projects for student welfare, diversity and sustainability.



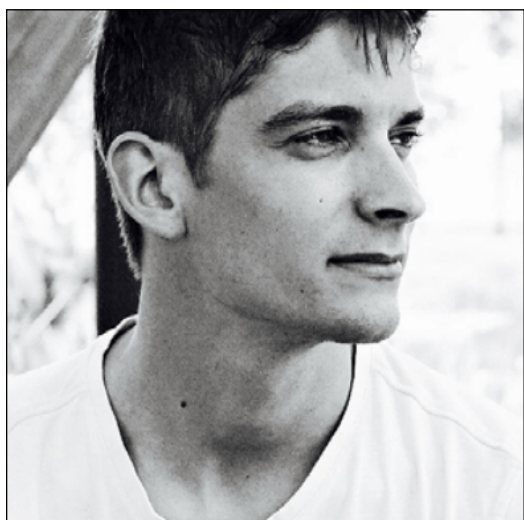
TIM BRUDER

Architecture Student/Artist from Germany. Interested in the integration and reinterpretation of historical, traditional or cultural aspects in the design language as well as the planning and speculation of innovative construction methods. Winner of the 2021 "ARKNAT" event in Sweden for the construction of innovative cabins from reclaimed wood.



DOMINYKAS SAVICKAS

Designer / Architect / Artist specialising in cross practice collaboration with technology, working with number of practitioners from variety of fields, using innovation and science to bring stories to life. Dominykas has curated, designed and built installations in a variety of festivals around Europe since 2018.



BORIS LEVIN

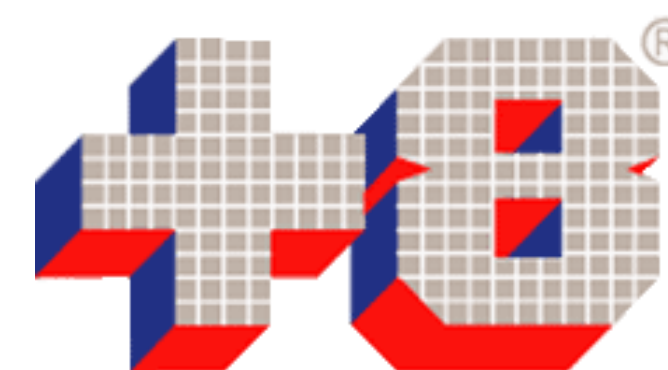
An architectural designer and computation specialist. Teaches 3D modeling and visual coding and specializes in automation processes in construction fields. Boris has a strong affinity for visual arts and exhibited in a number of generative and digital art exhibitions, including in Russia and in Israel (Zero One Festival).

Partnership

PARTNERSHIP AND COOPERATION

For the realization of the project, while meeting the budget requirements and taking into account a sustainable life cycle, we are currently negotiating with **Dansk Stillads Service**, **Solrød Stilladser** and **PlusEight**, all of which have all shown interest in the project and have scheduled meetings with us in the coming month, to discuss the details of possible collaboration and partnership. We expect to have an official partner before the end of May, which will lend us the scaffolding for the festival (and possibly the months after), as well as provide professional guidance for working and designing with scaffolding. We are also in dialogue with **Kvadrat**, regarding the use of leftover textile and recyclable or recycled textile materials.

kvadrat



Interaction Under Construction



PROJECT ABSTRACT

The city is constantly under construction, and construction sites are a dominant feature in the urban landscape; the city is tessellated with scaffolding, eternally renewing and developing our surroundings. But while a city can be friendly and inviting, construction sites are inaccessible, off-limits, dangerous... Authorized personnel only.

Our proposal focuses on a novel approach to construction site aesthetics - and namely, the field of scaffolding. By using scaffoldings in the context of a day festival, we invite the visitors to explore and engage with the construction site. It becomes a place of play, interaction and curiosity, where people can not only explore - but also engage by displacing the textile elements to form various levels of exposure.

The installation is made of two modules, which are placed parallel to each other and connected with two bridges. The modules are based on a scaffolding structure, holding together a series of surfaces in different elevations, and wrapped with strips of leftover and reclaimed textile strips which can be drawn and pulled by the users to create different degrees of exposure and concealment.

Description

SOCIAL INTERACTION

"Interaction Under Construction" challenges the spatial and societal role of construction sites and development landscape by suggesting it as a space of exploration and interaction. The dense, tangled grid, which is usually exclusive, creates a series of private and semi-private 'places' in which visitors can define the levels of interaction they have with the festival, with the water – and with each other.

CONSCIOUS CONSTRUCTION

The materials used for the festival can be re-used or recycled afterwards. The scaffoldings will be returned to their original job, the wooden surfaces can be easily disassembled, and the textiles will be used for future installation by our team members. Another case is the afterlife of the installation itself – The suggested space is a composition of two separate modules connected via bridges. Each module can also stand independently, and with the dimensions of 2.3x4.5 meters, they fit perfectly in a standard parking lot. Separate modules can be introduced into the urban context on existing parking spaces, creating a family of urban installations and inviting people to explore different forms of interaction under construction.

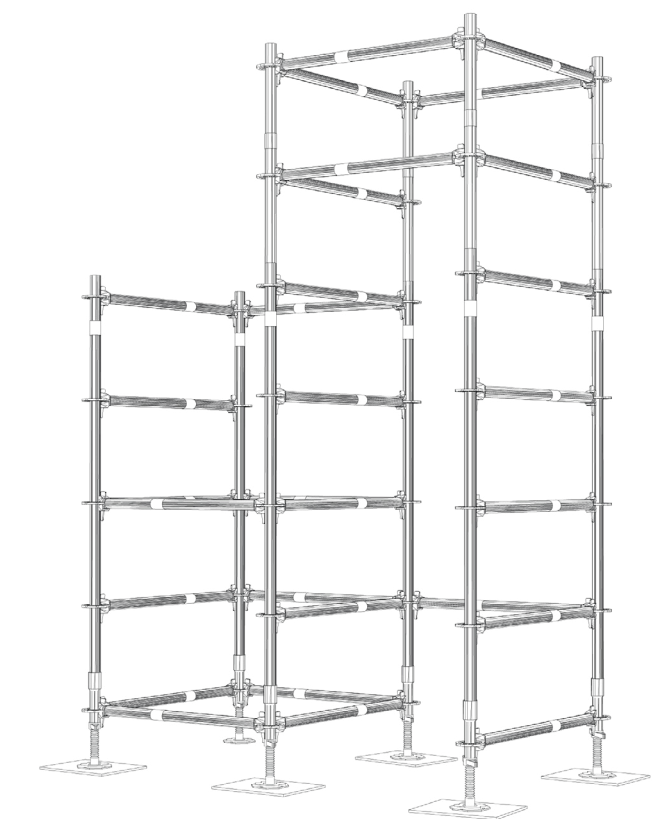
Visualization – a single module placed in a parking space in Copenhagen.



Materials

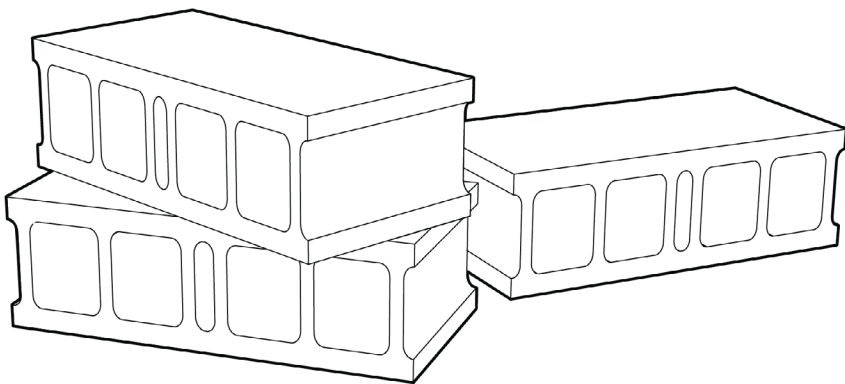
SCAFFOLDING

The scaffolding, the main element used for the structure of the installation is industry standard, and will be provided by our partners. No changes or adaptations will be made to the different parts, so that after the installation is complete, the scaffolding will simply be re-deployed as regular scaffolding, thus leaving no footprint.



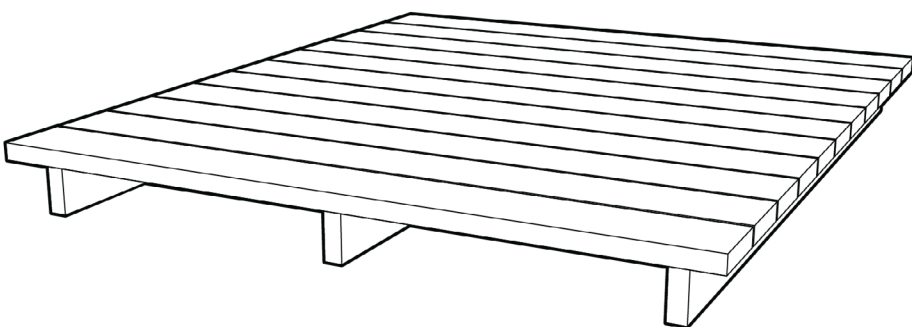
CONCRETE BLOCKS

The blocks used as stairs to access different parts of the installation will be mostly taken from leftovers and storages, and collected from abandoned sites around the city. To that we will add our own custom concrete blocks to fit with safety criteria as well as design expression.



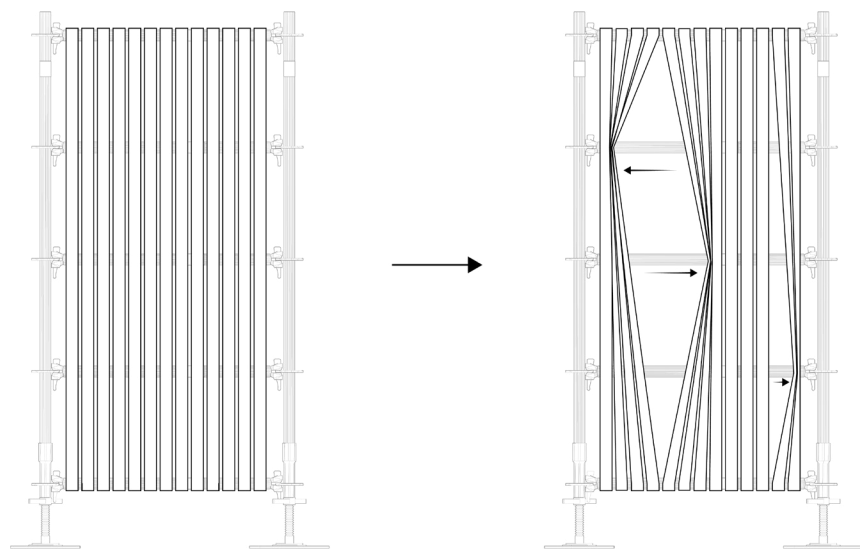
WOODEN SURFACES

The surfaces (or the 'floors') will be made of simple wooden beams, and built without glue or special connections. so that they can be disassembled back to planks for different uses after the festival.



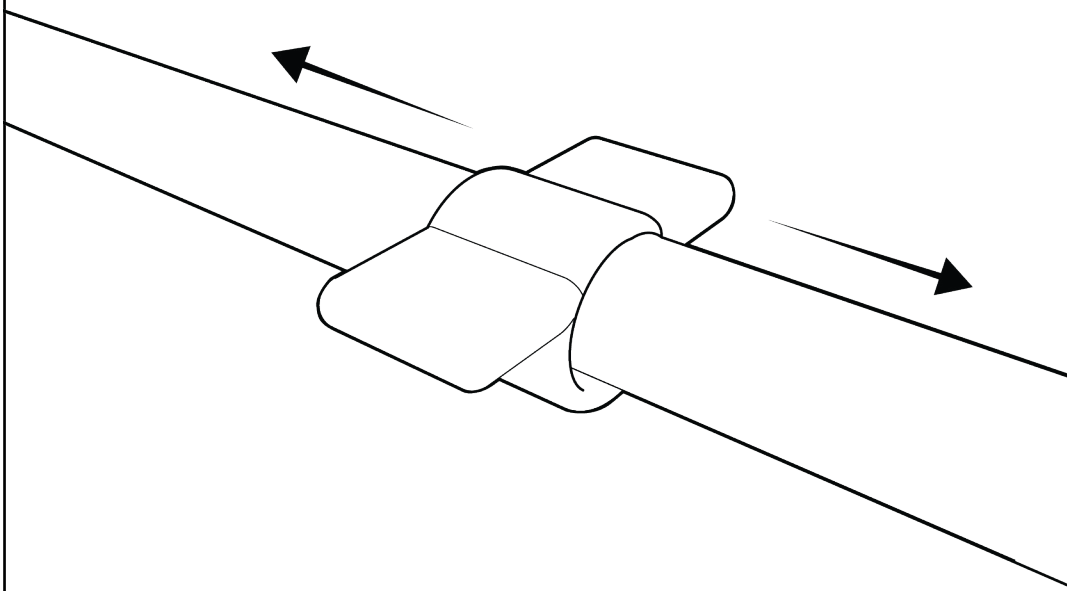
TEXTILES

The textile elements will be made from leftover textile materials supplied by our partners. Users can interact with the textile strips, opening and creating hatches using the custom sliders attached to the structure.



SLIDERS

Sliders will be 3d printed with a corn-based plastic, which is fully recyclable. They will be attached to the horizontal scaffolding beams, with the possibility to slide left and right and customize the textile openings.



Specifications

BUDGET AND COSTS

By collaborating with partners from the fields of scaffolding and textile, we expect to have minimal payments for those materials. 5.000 dkk will be allocated for additional costs revolving around the collaborations - transportation of people and materials, food for voluntary consultants and possibly payment for additional professional help in the construction site. For the concrete blocks which serve as stairs we will allocate 1.000 dkk - mainly for the base materials. Another 2.000 dkk will be used for the 3d printing of the textile sliders - mainly to be spent on material, but possibly to external 3d printing providers. To create the wooden surfaces, we will allocate 10.000 dkk, under the assumption that we will need to buy wooden plates. The rest of the budget (2.000 dkk) will be left for unpredicted expenses.

BUDGET BREAKDOWN - SUMMARY

- 10.000 dkk - Wooden Surfaces
- 5.000 dkk - Additional Expenses for Partners
- 1.000 dkk - Concrete Blocks
- 2.000 dkk - 3d Printing
- 2.000 dkk - Unpredicted Expenses

CONSTRUCTION AND DECONSTRUCTION

In Denmark, only skilled workers with the proper education are allowed to engage and building scaffolding. Therefore, the construction of the installation is dependent on the amount of workers which will be provided to us by the festival (this has been confirmed via e-mail with Nikolaj). Once we establish our partnership, we will be able to provide specific details onto how many workers we need, and for how long.

SUGGESTED TIMELINE

PREPERATION - Surfaces and Sliders

The wooden planks for the surfaces will be cut to the appropriate dimensions and marked before the constrution begins. The sliders will be 3d printed.

DAY 1 - Scaffolding Structure

Set up the scaffolding structure, with the help of specialized workers.

DAY 2 - Surfaces and Textiles

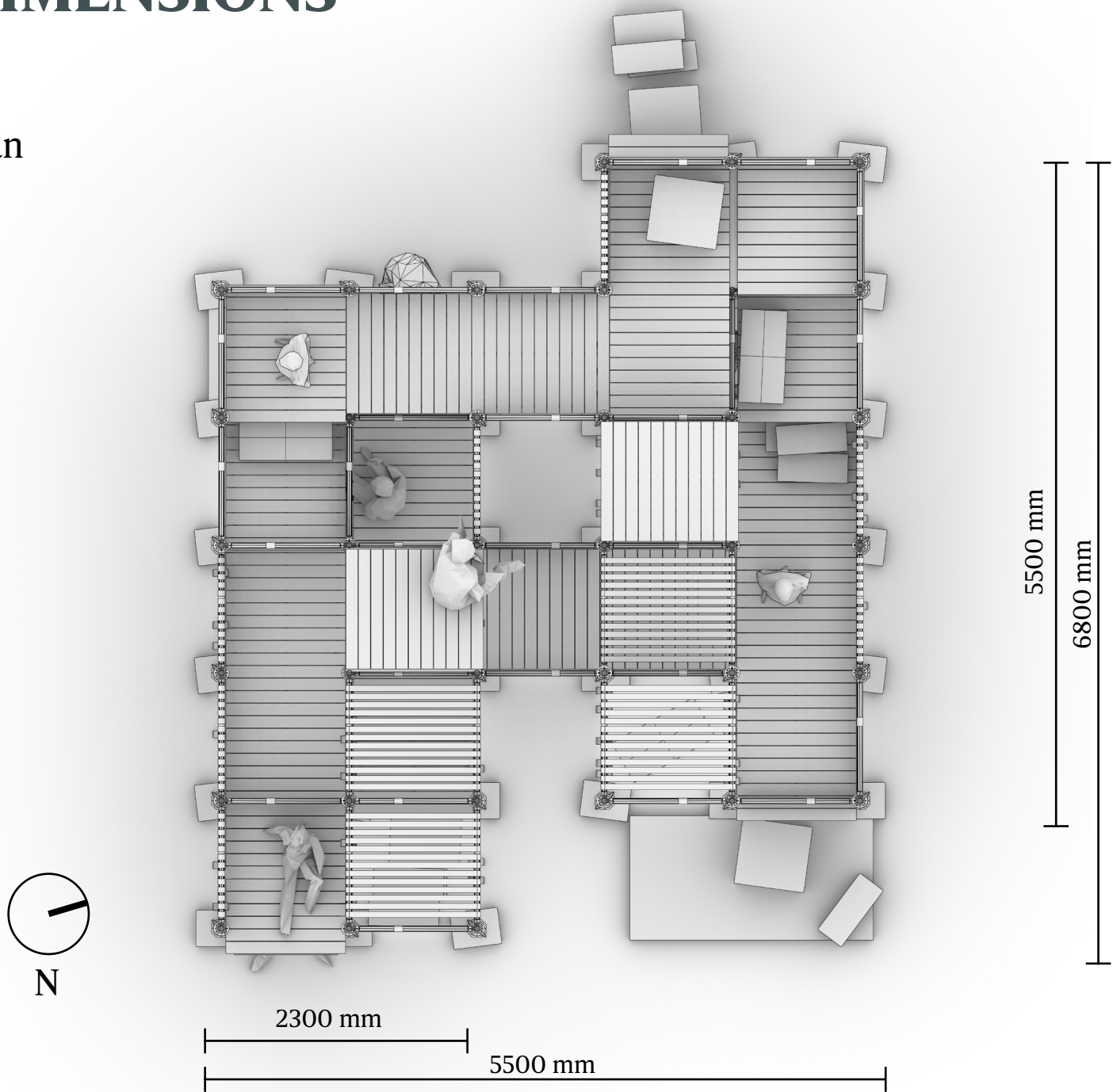
Installation of the wooden surfaces and the textiles. Will require help from festival volunteers.

DAY 3 - Textiles and Sliders

Installation of printed sliders and testing. Textiles could be finished on day 2, but can continue to day 3 if neccessary.

DIMENSIONS

Plan



Elevation

