Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences
## Graduation Plan: All tracks
The graduation plan consists of at least the following data/segments:

### Personal information
<table>
<thead>
<tr>
<th>Name</th>
<th>Milenka Jacobs</th>
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<tbody>
<tr>
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### Studio
<table>
<thead>
<tr>
<th>Name / Theme</th>
<th>Explore Lab</th>
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</table>
| Teachers / tutors         | Michiel Smits (research)  
                          | Roel van de Pas (design)  
                          | Hubert van der Meel (building technology) |
| Argumentation of choice of the studio | Exploring personal topics and techniques |

### Graduation project
| Title of the graduation project | Metamorphosis of Rotterdam’s Underused Public Spaces |

### Goal

<table>
<thead>
<tr>
<th>Location:</th>
<th>Underused public spaces within the modern city structure in the fire line of Rotterdam.</th>
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<tbody>
<tr>
<td>The posed problem,</td>
<td>Lack of engagement of the public with public space in different stages of its lifecycle (design, build, use, maintain). In this way, the public space is not socially sustainable.</td>
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| research questions and | How to engage the public with underused public space in the modern center of Rotterdam?  
- Who is the public?  
- What is the public space?  
- What are the public use and other values of the public area?  
- What spaces are underused and undervalued?  
- What methods are suitable to engage the public?  
- What methods are suitable to imagine future use with the public? |
| design assignment in which these result. | 1. The creation of a public space with functions and setup according to the demands and wishes of the public.  
2. Exploring methods of inclusion of |
public throughout the whole cycle of design, build, use, maintain.
3. Redefining the roles and freedom of both the architect (towards an enabler and facilitator) and the public (towards active participants) towards space.

[This should be formulated in such a way that the graduation project can answer these questions. The definition of the problem has to be significant to a clearly defined area of research and design.]

**Process**

**Method description**

**Research:**
- Theoretic literature research on the topic of public, play and imagination.
- Analysis of the public spaces in the fire line
- Qualitative research on the important experiences of the public in the public space (through interviews and mapping).
- Choice specific location based on the above
- Observation on location to verify hypotheses of the location based on the interviews and to assert the potentials of the public of the place.
- Case study on 3 public activation methods around underused public space using play.
- **Result:** proposed method of engagement of public on the specific location

**Design:**
- Research on the different proposed uses that are the outcome of the play event of the – how can these forms evolve over time into each other within the location
- Research on the hardware of the place (construction and climate) – ways to deconstruct and construct
- Research on the software of the place – ways to engage the public in the construction and maintenance of the place (materialization)
- **Result:** one worked out example of the evolution of public functions into each other in the location, the supporting structural and climatological interventions, the layouts and methods that enable participation of the public in this process.

**Literature and general practical preference**

**Research (until now):**

Anon., 1955. *Introduction to a Critique of Urban Geography*. s.l.:s.n.


**Design:**
- Dynamic/changeable material processes in nature

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<th><strong>Reflection</strong></th>
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<td><strong>Relevance</strong></td>
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<td>Despite the raised attention for users in the last decades (both in the design field and architecture), involvement methodologies generally evolve around a set group which can be activated. In case of underused spaces in the public realm, no set group is available and interventions made in it should be a representative of the wishes and demands of the same undefined and changing group.</td>
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The project could serve as an example approach to tackle the lack of involvement of this dynamic public with underused public space (and specifically when this is occurring in post-war modern European cities).

<table>
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<tr>
<th><strong>Time planning</strong></th>
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PLANNING past P2

Research
- Design placement
- Event date
- Finish data drawing
- Finish writing thesis

Design
- Finish structural analysis site
- Develop entrance
- Hardware concept development
- Software concept development
- Evaluation of shapes
- Ways of representing

Extra
- SCP elective
  (Design & inspiration)