Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences
Graduation Plan: All tracks

Submit your Graduation Plan to the Board of Examiners (<Examencommissie-BK@tudelft.nl>), Mentors and Delegate of the Board of Examiners one week before P2 at the latest.

The graduation plan consists of at least the following data/segments:

**Personal information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Anouk Klapwijk</th>
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<tbody>
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**Studio**

<table>
<thead>
<tr>
<th>Name / Theme</th>
<th>&quot;A City of Comings and Goings&quot; - Design as Politics</th>
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<tbody>
<tr>
<td>Teachers / tutors</td>
<td>M. Emmerik, V. Munoz Sanz</td>
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<tr>
<td>Argumentation of choice</td>
<td>Today, people move between continents as they did thirty years ago between cities. Never before was the mobility of individuals higher than it is today. The topic of the graduation studio of Design as Politics: 'the comings and goings' of people allows me to react as an urban designer to this social trend. In this studio, I can revise the static structure of our cities and contribute to knowledge on how the city can cope with demographic changes and new employment patterns. My topic of migrant workers and the impact on the city of Vlissingen, fits within this theme very well. With addressing the comings and goings of this temporary population, my project will contribute to the studio theme.</td>
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**Graduation project**

<table>
<thead>
<tr>
<th>Title of the graduation project</th>
<th>Off/on shore: bridging the spatial, social and political gap between city and port in the light of the off shore wind industry</th>
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**Goal**

<table>
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<th>Location:</th>
<th>Vlissingen, Netherlands</th>
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<td>The posed problem,</td>
<td>Despite the significance of the legal migrant worker population within urban contexts worldwide, the relationship between migrants and space in the city is often neglected in the discourse on migration and urbanization.</td>
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While most of the literature concerning migrant workers in the Netherlands is focused on European guidelines, the spatial implications but also opportunities a temporary group can offer for the urban fabric are unknown. By approaching this situation from an urban designers point of view, the benefit of temporary population groups on the city is examined.

A case study about a new off shore wind park in the North Sea with its base in the port of Vlissingen-Oost, will examine the complex phenomenon of work migration and investigates the urban and social characteristics of spaces necessary in order to accommodate this temporary foreign workers. Besides accommodating their restless lives, new relationships between the city of Vlissingen and its’ adjacent port will be examined in order to profit from this exchange.

The goal of the graduation project is to explore a new vision on off shore wind development and the city. Therefore, the project will address three defined gaps for this assignment: the spatial, social and political gap. The spatial gap addresses a new potential relationship between the city and the port. Due to the distance, both city and port are spatially invisible to each other. The social gap addresses the relationship between the temporary and permanent citizens. The temporary population of migrant workers has no place in Dutch society at the moment. The last gap, the political gap will offer new opportunities for politics to engage the public into the energy transition and create acceptance.

research questions and Main research question:
How can urban design reconcile the migrant worker pressures and needs of the local community, in order to maximize the benefit for Vlissingen of the new developments in the offshore wind
industry?

Sub research questions:
1. How can we re-envision the company town model in terms of infrastructure, urban logistics and program, that is needed for the transnational workers of the port?

2. How can the port, separated from city and society, get a new social and spatial position with the development of the offshore wind industry?

3. How should a long term vision be implemented that accommodates the comings and goings of workers and adds value for the city in the future?

4. How can the different stages of time and construction of the wind farm be integrated in the design?

The area of research and design is the city of Vlissingen, the port and the space in-between. In order to answer to the goal of the project, the design assignment will focus on developing a potential relationship between city and port which share a waterfront, with the potential to serve a diverse range of programs for all citizens. In this way, the comings and goings will be beneficial for the city of Vlissingen and works as a catalyst for the development of the area between the port and the city.

The end products of the design assignment will be:
(1) an urban design plan that focuses on the area between the port and the city. Each defined 'gap' will result in a demand for a program or different functions, that will be integrated in the design plan.

(2) a reflection on the process, that will offer knowledge on the comings and goings of temporary populations. Also time and methods for implementation of the design plan will be taken into account.

Process

Method description
In order to explore and seek answers to the research questions described above and realize the goal of the project, different methods have already been used or will be applied in the upcoming half year. In order to understand the situation, research has been done into migrant workers in the Netherlands, company town models and the
area of Vlissingen. Fieldwork and interviews as a method are conducted in order to gain a deeper understanding of the real conditions of migrant workers and Vlissingen. In combination with the method of mapping and the method of comparison of the company town model, the base for a concept for the graduation project is made.

In order to move forward with the designed concept, mapping will be used as a method to further investigate the spatial dynamics of the location. Besides this, literature review and conclusions from the theory paper will provide theoretical guidelines for the design.

Finally, a local urban plan will be made for Vlissingen and the implementation in time will be researched. The method of evaluation will translate this local urban plan into general conclusions that could be used on other places as well.

**Literature and general practical preference**

<table>
<thead>
<tr>
<th>Literature on migrants and temporariness in the city:</th>
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<tbody>
<tr>
<td>UNCTAD. 2010. GMG Factsheet on Contribution of Migrants to Development: Trade, Investment and Development</td>
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**Reflection**

**Relevance**

The number of legal migrant workers around the world have increased to an estimated 192 million worldwide. Also in the Netherlands, this amount will increase over the next few years to 550,000 in 2020. Legal migrant workers are an example of the new mobility that emerges as a global phenomenon.

Given the fact more citizens across the world will be more and more mobile, it is important for the future of the city to learn how to benefit from short stay in their own way. How to leave an urban legacy and lasting urban fabric that can accommodate temporary citizens, but also offers new possibilities once they move away again.

On the other hand, this graduation project also touches upon a sensitive subject in the Dutch society: the migrant worker. Media usually revolves around their negative image, nuisance, exploitation and illegal practices around housing. By focusing on the positive aspects and opportunities temporary workers can offer for the city, it might change the perspective from society towards the migrants.

Besides this, the graduation project will contribute to the studio theme of 'comings and goings'. The project explores the possibility on how 'comings and goings' can fit in a long term vision for an area and will contribute to more general knowledge on how urban designers can deal with flexibility and adaptability in order to deal with population uncertainties.

**Time planning**

My graduation project will consist of four phases: Idea generation, concept development, designing and finishing. Within these phases, different activities are scheduled and planned to undertake. The scheme below will shows the framework of the project within time of the P1, P2, P3, P4 and P5.
Up until P2, research is done into three subjects and the concept for the project is developed. This process is described in the P2 report and presentation. After the P2, the project will focus on answering the sub-research questions in order to gain input for the design assignment.
THE PROCESS

IDEA GENERATION

MIGRANT WORKER

COMPANY

TOWN

Housing

VILSSINGEN REGION

IMPROVEMENT

TRENDS

PROBLEM

CHALLENGES

CONCEPT

GROUPS

LIFESTYLE

RESEARCH QUESTIONS

DESIGNING

ACTIVITIES TRANSDISCIPLINARY

FOCUS MAP

PROGRAM

THEORY

RESEARCH QUESTIONS

IMPLEMENTATION

FINISHINGS

GRADUATION

CONCLUSION

PRELIMINARIES

PREPARATION

DESIGN

RESEARCH QUESTIONS

REDUCTION

CONSULTATION

PRELIMINARIES

PREPARATION

THESE PROJECTS

AUTUMN WINTER SPRING