THE TEMPORARY CITIZEN

and the implications of the next mode of energy in Vlissingen

Graduation Anouk Klapwijk
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Supervised by:
M. Emmerik
V. Munoz Sanz
"How can we design buildings, cities and landscapes that make the best of our restless, migratory, lives?"
Increase of mobility of individuals
Increase of labour migration
LABOUR MIGRATION: ENERGY SECTOR

Studio Zones Urbaines Sensibles (ZUS)
TWO TRENDS

Increase of mobility of individuals
Increase of labour migration

Shifting the focus to renewable energy resources & northern Europe
TWO TRENDS IN THE DUTCH CONTEXT

Increase of mobility of individuals
Increase of labour migration

Shifting the focus to renewable energy resources & northern Europe
SPATIAL IMPLICATIONS

Polendorp, Volkskrant
POLENDORP

Location: in the middle of nowhere

No foundations: to make it disappear quickly

No services, shops, restaurants

It’s all about work!
It's not all work!

The picture on the right shows exactly what the doctor ordered... an uninterrupted period of complete rest. The patient was alarmed when he heard the Works Doctor tell Sister what treatment he was to give... "What about a brand of medicine instead?" - the patient not only likes the treatment, but has gone so far as to say that it is actually doing him good. There are, however, more ways of mixing up one's muscles than getting a course of bumble stimulation. Swimming is one of them. The lower picture shows the Bournville Lido in maximum... a batting pool, children's pool and grass slopes for sunbathers.

There are eight thousand of us at Bournville. For those who like to make themselves useful (even in their spare time), there is the Works Fire Brigade, the Ambulance Corps and the Nursing Division. The long-serving staff has flourished for over half-a-century. Other Bournville activities range from the Amateur Association and the Arts Club to the Model Yacht and Power Boat Club. Probably the most vigorous institutions at Bournville are the Men's and Women's Clubs Council, among whose jobs is that of helping the various clubs and societies. Their principal job, however, is to help in maintaining good relations and mutual understanding between employees and Management, who are equally represented on both Councils.

Bournville: a village to the world's largest cocoa and chocolate

It's not all work!
LEAVING A LEGACY
WHO’S BENEFIT?
WHO’S BENEFIT?

Social exclusion?

Urban upgrade?
TWO TRENDS IN THE DUTCH CONTEXT

- Increase of mobility of individuals
- Increase of labour migration

- Shifting the focus to renewable energy resources & northern Europe
ENERGY TRANSITION

- Borssele - 2000MW
- Hollandse Kust - 7350MW
- IJmuiden Ver - 7020MW
- OWEZ - 108MW
- Princes Amalia - 120MW
- Luchterduinen - 129MW

LEGEND: OFFSHORE WIND FARMS

- Existing wind farm
- Planned wind farm
QUESTION

What if we could benefit from the comings and goings of people?

How could we use it for local urban change instead of aiming for ‘invisibility’?
To catalyze long term improvements for the local population, while servicing and improving the conditions for the temporary citizens.

To make the global factors of energy and migrant workers comprehensible and visible.
CASE STUDY

Borssele - 2000MW

LEGEND: OFFSHORE WIND FARMS
- Existing wind farm
- Planned wind farm

0 25 50 100km
Vlissingen Oost

1600
construction phase

200
operation & maintenance

2016 - 2023
A COMINGS & GOINGS

2016 - 2023

1: preparation of Borssele off site
2: preparation of Borssele on site
3: installation of the foundations and the transformer station
4: preparation of the wind turbines and blades
5: installation of the wind turbines and blades
VLISSINGEN

1886

1910

1950

present
COMBINE?

WIND FARM: GLOBAL CITIZEN

VLISSINGEN: LOCAL CITIZEN
Insert a piece of urban program into the port.
Insert a piece of urban program into the port.

Insert the global migrant workers into the city.
HOW TO START?
URBAN AREA: SCHELDE TERRAIN

picture Ruben Ooreel
Stella Maris (NL), 2016
400

De Bosruiter (NL), 2016
600
URBAN AREA: SCHELDETERRAIN
FOUR LOCATIONS

Heritage
Connection with downtown
No contamination

Heritage
Connection with the singel
No contamination

Contaminated soil
Connection with the waterfronst
Damen Shipyards
Heritage Timberfactory

Connection with the singel
Connection with the waterfronst
Contaminated soil
ONE LOCATION

Heritage
Connection with downtown
No contamination

Urban area

Workers housing
Cafe
Post-office
Transnational bank
‘TEMPORARY’ CITIZENS

Phase 1: Preparation of Borssele off site

Phase 2: Preparation of Borssele on site

Phase 3: Installation of the foundations and the transformer station

Phase 4: Preparation of the wind turbines and blades

Phase 5: Installation of the wind turbines and blades

Commissioning!
PHASE 1
PHASE 3
PHASE 4
PHASE 5
CELEBRATION DOCK
DESIGN PRINCIPLES

**Connection**
Make the site accessible and develop a route.

**Waterfront**
Re-establish a connection with the water and provide places to meet.
**Public functions**
Add public functions to the site, extending from the waterfront towards the building. Housing is added on top of the public functions.

**Visual interaction**
Making use of different levels to stimulate visual interaction.
WATERFRONT & CONNECTION
URBAN AREA
PORT AREA
CONCLUSION

From a global context to a local design.
What if we could benefit from the comings and goings of people?

To catalyze long term improvements for the local population, while servicing and improving the conditions for the temporary citizens.
LOCAL/GLOBAL?

Test the local design in the global context

Changes?
THREE SCENARIO’S
Decline in port industry

Temporary citizen leaves

Decline in population
Dismantling oil platforms industry

Temporary citizen stays

Growth in 1 person households
GROWTH

Expertise in offshore wind industry

Temporary citizen stays

Growth in population
LEGACY GROWTH

- View on the waterfront
- View on Damen Shipyards
- View on recreational port
- Connection with the seashore
- Connection with the singel
- Connection with greenstructure
CONCLUSION

DIFFERENT WAY OF THINKING FOR THE URBANIST:

TEMPORARY POPULATION    OPPORTUNITY TO BENEFIT    AWARENESS OF CYCLES
Shifting the focus to 100 km, a transition. A part of this transition will include an increase of work farms, the city of Vlissingen and the port of Vlissingen-Oost are facing workers comprehendible and visible, while using this as a catalyst to local urban change. This project illustrates the idea that services for the well the industrial port area.

As final product of the project, this two-sided document in the format of a folded city map, combining research and design proposal, shows a common new future for Vlissingen. It imagines a potential migrant worker wind farm, and using the facilities the city and the port have to offer.

WELCOME TO VLISSINGEN, adds another chapter to this history; the chapter of offshore wind land, this guide shows you the spatial implications it does have opportunities that are on offer. See for yourself and enjoy!

'A City of Comings and Goings'- designing for migration and mobility

The vast network of energy production, consumption and distribution has left its imprint on our urban landscapes. Cities were shaped by energy; such a local life

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SPATIAL QUALITY
USE OF HERITAGE
NEW ROUTES
NEW ACTIVITIES

Plan your trip with the watertaxi in Vlissingen!
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and the implications of the next mode of energy in Vlissingen

Graduation Anouk Klapwijk
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A cafe on the ground floor extends the public space from the square to the inside and forms the entrance to the workers housing.

A balcony offers a view on the waterfront and creates opportunity for visual interaction.

Stairs provide a meeting place along the waterfront while a path connects to the surrounding urban area.
Entrace of the timberfactory giving space to employment agencies and a windpower exhibition.

The ferry terminal; commuting to the port for the temporary citizens, offering wind tours for the permanent inhabitant.
Area for workers housing, while offering access through the terrain for the inhabitants of Vlissingen.
The park connecting to the waterfront, offering possibilities for recreation.

The park offering spaces to meet and recreate.
The path connects the transformator station to the water on top of the cable trajectory of Borssele.

Space for training the workers on top of the public function of the transformator station.

Entrance of the transformator station and training center.