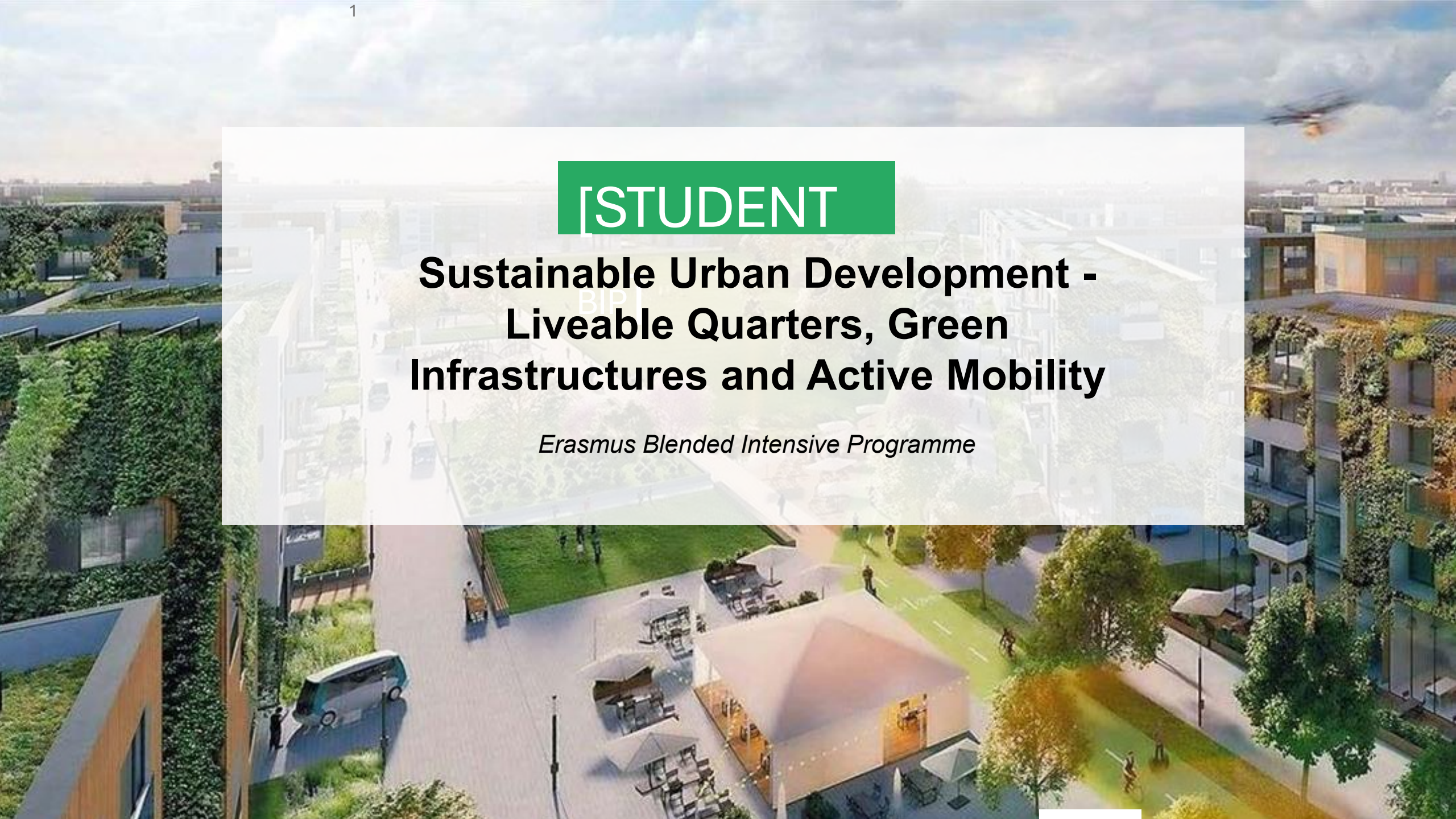


[STUDENT

# **Sustainable Urban Development - Liveable Quarters, Green Infrastructures and Active Mobility**

*Erasmus Blended Intensive Programme*





An aerial photograph of a modern urban development. The scene features several multi-story buildings with green roofs, a central courtyard with a paved area and greenery, and a small white bus parked on the left. The sky is blue with some clouds, and a small airplane is visible in the upper right corner. The overall atmosphere is bright and modern.

# [STUDENT BIP] WELCOME

*Erasmus Blended Intensive Programme*





*Erasmus Blended Intensive Program – 3rd Edition*

# [STUDENT BIP]

Sustainable Urban Development - Liveable Quarters,  
Green Infrastructures and Active Mobility

## CALL FOR STUDENTS

### AN "EXCHANGE" ON SUSTAINABLE URBANISM

STUDENT is a BIP (*Blended Intensive Intensive Programme*), an Erasmus exchange programme for students with an intensive and hybrid character. In other words, it lasts less than an Erasmus year, the work is concentrated, and it combines face-to-face and virtual learning. It is an opportunity for those who cannot or do not want to go abroad for a course or semester, but who are interested in meeting students from other countries and intensifying their knowledge in a specific area, in this case sustainable urban planning.

STUDENT is the acronym for "*Sustainable Urban Development - Liveable Quarters, Green Infrastructures and Active Mobility*". As its name suggests, we will work on the framework of sustainable urban development focusing on the neighbourhood scale, and giving importance to green infrastructures and active mobility, as two key aspects to achieve active neighbourhoods, with good urban quality, safe and supportive of the daily life of all the people who live in them or use them on a daily basis.

The most interesting thing is that we will work in an intercultural and interdisciplinary way, so you will be able to prepare yourself much better for your professional (and personal) future. We will be working with students from other countries and studying other studies that complement our degrees and masters.

# Universities participating in STUDENT BIP



# Warm Welcome and The Who is Who....

- Julia Deltoro Soto, UPV
- Julia Cano Blasco, UPV
- Sean Robert Hussey, UPV
- Florian Reinwald, Boku
- Moritz Wildberger, Boku
- Kay Lengert, UAS-Kiel
- Brigitte Wotha, UAS-Kiel





# Introduction to the program

- **2 Online Meeting before the On-Site week**
- **OnSite week Oct., 26th – November 1st**
- **1 Online Plenary session in November**
- **1 Final Presentation**

# Semester Overview

Okt 25		Nov 25		Dez 25	
1 Mi		1 Sa Hamburg-Tour		1 Mo	49
2 Do	Kick-Off + Intro Task 1	2 So		2 Di	Work in project groups Task 5
3 Fr	Work in groups Tasks 1 and 2	3 Mo	45	3 Mi	
4 Sa		4 Di		4 Do	Consultation
5 So		5 Mi		5 Fr	
6 Mo		6 Do		6 Sa	Work in project groups Task 5
7 Di		7 Fr		7 So	50
8 Mi		8 Sa		8 Mo	
9 Do		9 So		9 Di	
10 Fr		10 Mo	46	10 Mi	
11 Sa		11 Di		11 Do	Final Presentations
12 So		12 Mi		12 Fr	
13 Mo	42	13 Do	individual consultations	13 Sa	Prepare final submission Task 5
14 Di		14 Fr		14 So	51
15 Mi		15 Sa		15 Mo	
16 Do	Pres Task 1 + Intro Task 2	16 So		16 Di	
17 Fr	Upload Task 1	17 Mo	47	17 Mi	
18 Sa	Work in groups Task 2	18 Di		18 Do	Boku Students wrap up
19 So		19 Mi		19 Fr	
20 Mo		20 Do	Midterm Presentation	20 Sa	
21 Di		21 Fr	Consultation	21 So	
22 Mi		22 Sa		22 Mo	52
23 Do	Consultation	23 So	Work in project groups Task 5	23 Di	
24 Fr	Upload Task 2	24 Mo	48	24 Mi	
25 Sa		25 Di		25 Do	
26 So	Welcome Tour	26 Mi		26 Fr	
27 Mo	On-Site Week Kiel Task 3	27 Do		27 Sa	
28 Di		28 Fr	Consultation	28 So	
29 Mi		29 Sa		29 Mo	1
30 Do		30 So		30 Di	
31 Fr				31 Mi	

# Structure of the Meetings and Work

## **02 October, Kick-off Plenary (14:00-16:00) - online**

- First contact between all participants of [STUDENT-BIP]
- The focus of the programme, dates, tasks and objectives, etc. will be explained.

## **From 02.10. to 16.10., Remote Team Building - online**

we'll explore each cities strategies, theories and frameworks for sustainable urban development (TASK 1) and start our first analysis of the project area (TASK 2) in multidisciplinary groups.

## **16 October, BIP 2<sup>nd</sup> Plenary (14:00-17:00) - online**

- Presentations of TASK 1
- Schedule for the project week and last travel organisations



# Structure of the Meetings and Work

## **26.10. to 01.11., Project Week Kiel - on-site**

The teams from Vienna and Valencia come to Kiel where we'll be working on the project area all together.

The program includes:

- intensive working sessions, but also
- visits, talks and social side events to complement your learning.

The aim of this on-site project week is to carry out a **complete analysis and diagnosis** of the working area, **establish priorities and strategies for action by proposing a draft project** for the area and the topic that you as a team will focus on (TASK 3)

Voluntary offer for a guided visit in Hamburg on Saturday

## **Until 20 November, Remote Team Work - online**

The project teams will work freely according to their agendas/work plans to further develop their projects.

Supervision/tutoring of the BIP teaching staff as needed (TASK 4).

# Structure of the Meetings and Work

## **20 November, BIP 3<sup>rd</sup> Plenary (14:00-18:00) - online**

Each team will present the progress of their project, learn about the work of the other teams and receive feedback from the teaching staff with the idea of helping you to finalise the proposals for the final plenary.

## **From 21.11. to 11.12., Remote Team Work - online**

During these weeks you will continue working remotely in your groups, **finalising the projects** after the feedback and exchange of ideas from the 3<sup>rd</sup> plenary. In December you should focus on the presentation of your results and drawing the main conclusions. Supervision/tutoring of the BIP teaching staff as needed.

## **11 December, BIP Final Plenary (14:00-18:00) - online**

This will be the last meeting of the STUDENT-BIP program. One last time the groups will present their proposals to everyone else, and possibly to an external jury, to make this last session more open and enjoyable. One week after you will submit your groups final Portfolio.

## **January 2025**

Completion of the national (Vienna/Kiel) tasks and preparation of reports and documentation.



# Tasks and Deliverables

## **Task 1 – Strategic Plans Of Valencia, Vienna, Kiel**

**Presentation on the 16<sup>th</sup> Oct,**

Deliverable 1: 7min ppt presentation

Upload till: 17.10., 8pm

## **Task 2 – Analysis of the area – first approach to the area**

**Presentation on the 27<sup>th</sup> Oct**

Deliverable 2: ppt 15 min per team presentation

Upload till: 26.10., 8pm

## **Task 3 – On site mapping and 1<sup>st</sup> project concept (including research questions)**

**Presentation on the 31<sup>st</sup> Oct**

Deliverable 3: Presentation, Field-Maps

**BIP (5 ECTS)**

# Tasks and Deliverables

## Task 4 – Project implementation

**Presentation on 20<sup>th</sup> Nov**

Deliverable 4: Interim presentation

## Task 5 – Project Finalization

**Presentation on the 11<sup>th</sup> Dec**

Deliverable 5: Final presentation 20 min (?), Short report/portfolio 3 Pages –

Submission till: 18.12., 8pm

main results text and images/plan/sketches (will be parts of the BIP publication (final report))



# Climate change and its consequences for cities



□ **Heavy rain, floods, heat drought,...**



## SOIL FUNCTIONS

## Green infrastructure and soil

With a global temperature increase of 2°C, biodiversity worldwide will decrease by a quarter.

1. Habitat for humans, animals and plants
2. Filter and buffer
3. Plant cultivation and nutrition
4. Water storage and climate regulation

- **Loss of soil and soil functions**
- **Loss of biodiversity**



- |   |                                       |                                  |
|---|---------------------------------------|----------------------------------|
| ① Habitat for Soil Organisms                    | ② Nutrient Cycling, Filter and Buffer | ③ Medium for Plant Growth        |
| ④ Water and Climate Regulation & Carbon Storage | ⑤ Engineering Medium                  | ⑥ Physical and cultural heritage |



# Demographic changes and social justice



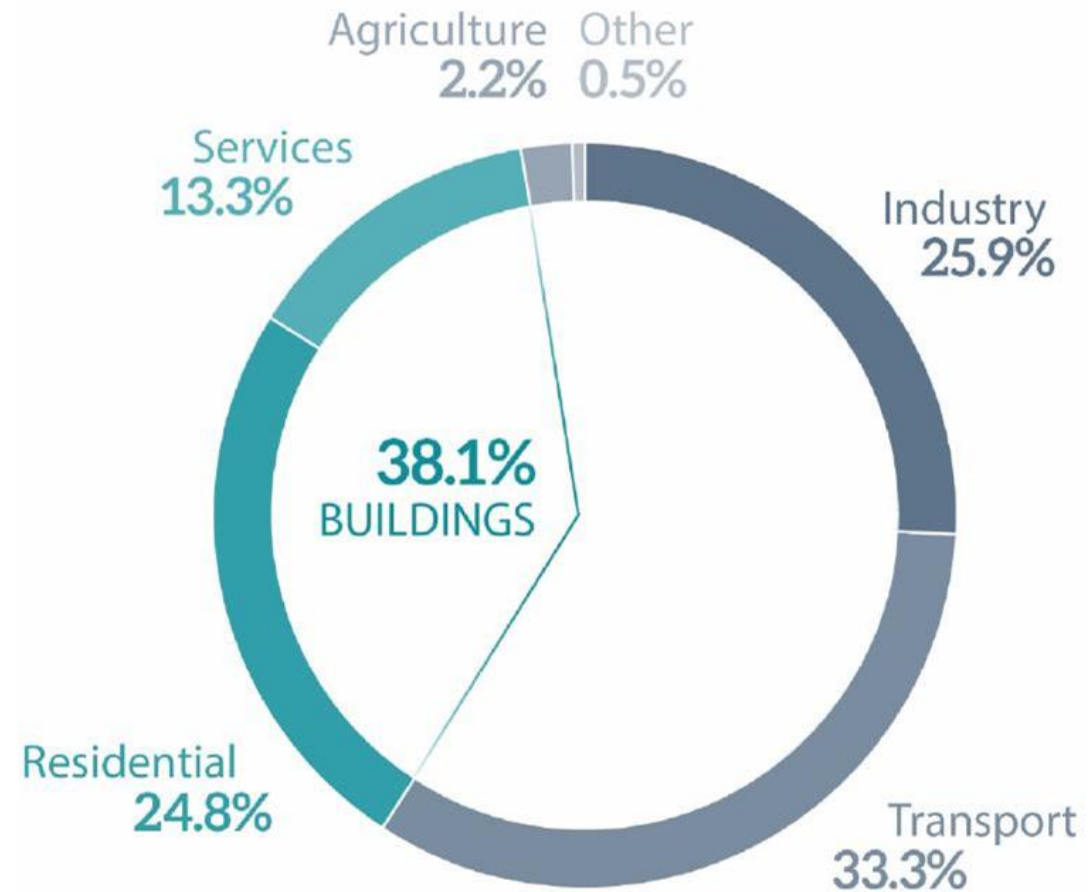
*The Diversity Wheel (NEA), Bell, MPA*





# Energy and mobility

Figure 1 – 2014 energy consumption by sector in the EU-28



Data source: [Eurostat](#), 2014.



# Strategies

## CCA/CCM Strategies



## UGI/NBS Strategies



## Planning Strategies



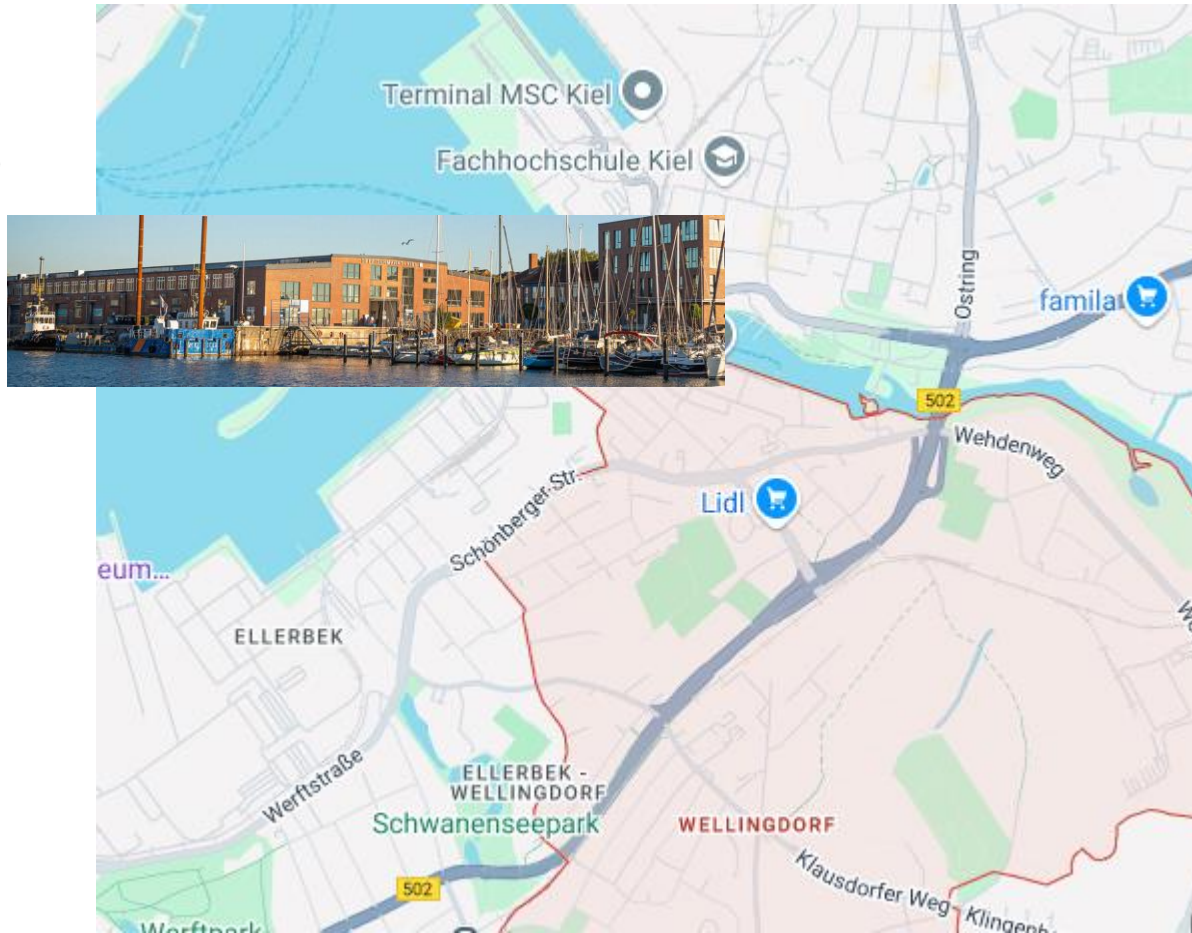
## Implementation Strategies





# Project area Wellingdorf

UAS  
Kiel



- Old farming village
  - 1st shipyard 1893
  - Hemp & rope factory 1901
  - Relocation Ellerbek fisher fleet
- Expansion of infrastructure and residential areas

## Nowadays

- Maritime industry and university location at the 'Seefischmarkt'
- Area in transition

# Project Week in Kiel

Organize travel on your own:

Official start on **Monday 27.10.2024 at 9:30**

Unofficial start:

**Sunday, 26.10. 16:30** at Hostel for a “Welcome to Kiel” Tour:

all students (and teachers) invited!

**Sunday, 26.10., 19:00** Welcome Drink at Hostel: all students and teachers

Public Transit: ticket for 7 days

Wochenkarte Kiel - 26,60€