


# The concept of cycling infrastructure for the Gdańsk University of Technology

2012/13

 **University**  
Gdańsk University of Technology  
**Country**  
Poland

**Location**   
City center

**Size**   
Number of students [2015]: approx. 23800  
Number of employees [2015]: approx. 2750

**Mobility Organizational Structure**   
None

## Summary

The concept is to create a main GUT bike storage room and a few smaller ones to increase the number of parking spaces for bicycles. It was developed by a design team led by Dr. Sławomir Ledwoń, architecture engineer. The main ideas are: general solutions for the promotion of cycling at the campus, as well as proposals for architectural solutions - two designs of the main bicycle storage room and the concept of smaller bicycle storage facilities.

## Aims

- Creation of the main bicycle storage next to the main gate.
- Promotion of cycling at the Gdańsk University of Technology.
- Creating secure places for bicycle storage.
- Limiting car traffic on campus.
- Creation of access between bicycle storage and cycle paths.

## Stakeholders

- Authorities of the Gdańsk University of Technology.
- Students of the GUT Faculty of Architecture.

## Background

Not available.



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### Description

The university campus of the Gdańsk University of Technology is located in the city center. The academic community has a total of approximately 27.5 thousand people. There are a total of 102 parking spaces for bicycles throughout the university. Thus, it represents 0.37% of people arriving almost daily on the campus of the University of Technology. Due to the scarcity of parking places, a huge number of people enter the university on foot, by car or by public transport.

The main problem of the campus area is the small number of bicycle parking spaces, as well as the

lack of adequate infrastructure to allow access to existing or planned parking spaces. The concept presents solutions for bicycle systems in selected European cities, analyzes the current situation in the area of the Gdańsk University of Technology and proposes solutions to improve the situation. The location of the main bicycle room is proposed to be located next to the main gate of the main building, and several smaller ones are to be spread throughout the campus. In addition, a number of simple solutions have been proposed that aim to remove existing bicycle movement restrictions.



### Indicators

The main indicator of the rightness of the planned investment may be the percentage of people (0.37) from the entire academic community (27.5 thousand people) for whom parking spaces were available and the change of this ratio.



### Results

- Possibility of safely leaving bikes in many places on the university campus.
- Creation of bicycle paths on the GUT campus.
- Creation of the "ROWEREM NA PG" (Cycle to GUT) brand.
- Organizing the Bike Picnic, being the opening of the bicycle season on GUT.



### Expense

Not available.



### Financing

Gdańsk University of Technology.



### Lessons Learnt

- Using the bike as a means of communication is conducive to our health, and also helps to reduce congestion and pollution.
- Greater number of bicycle parking places encourages to use bicycles as a way of getting to the university.

 Pictures

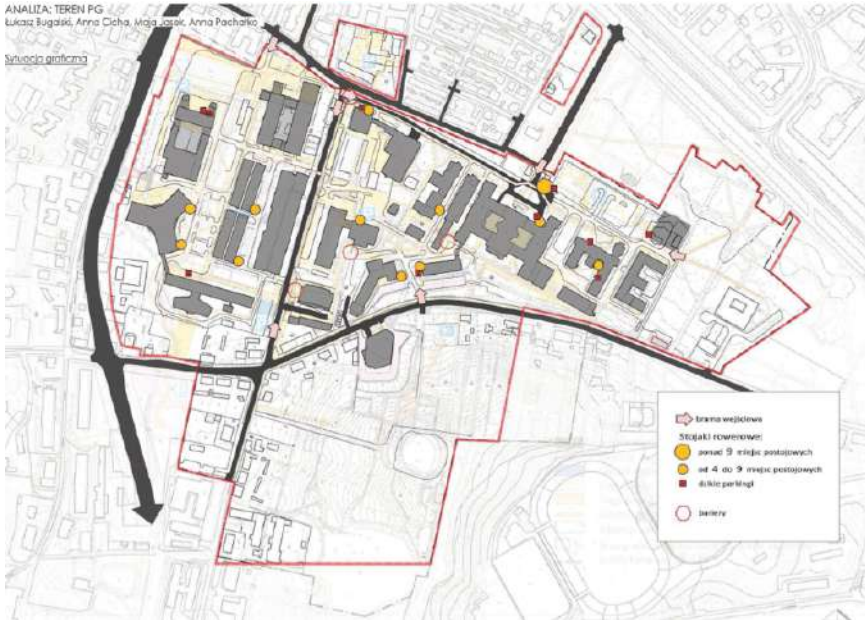


Fig. 1. Current status during the analysis

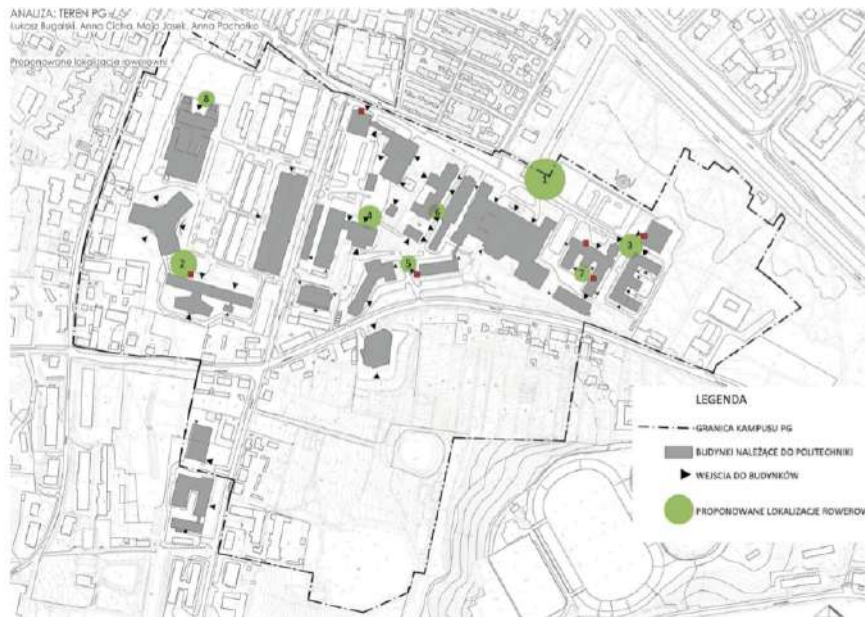


Fig. 2. The proposed location of bicycle storage

 Pictures



Fig. 3. Bicycle storage concept



Fig. 4. Second bicycle storage concept

 Links

"The concept of cycling infrastructure for the Gdańsk University of Technology" (by S. Ledwoń)

 Contact person

Not available.