


Recreational space in front of the Nanotechnology A building

2013

 **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 construction of a green recreational area for visiting people was carried out as part of the Nanotechnology A project at the Gdańsk University of Technology, originated by Prof. Wojciech Sadowski. The main was to create a representative space, friendly to students, university employees and all visitors to the Gdańsk University of Technology. A visually pleasing zone was formed to encourage physical activity as well as cycling.

Aims

- Creating a green recreational area for students, university staff and visitors.
- Reducing car traffic.
- Encouraging the usage of other means of transport than a car (e.g. bicycle) to get to the University.
- Acting as a representative of the newly formed Center for Nanotechnology A.

Stakeholders

- Authorities of the Gdańsk University of Technology.
- Rector of the University - Prof. Henryk Krawczyk.
- European Union.
- Polish State.

Background

Not available.



Description

The aim of the project of the Nanotechnology Center at the Gdańsk University of Technology was to create a modern didactic complex with innovative equipment, a specialized scientific base and an accompanying infrastructure based on innovative solutions - including the green space in front of the building. The construction of the GUT Nanotechnology Center was one of the largest investments at the Gdańsk University of Technology. The building was erected in the old part of the Gdańsk University of Technology campus, in the vicinity of the Faculty of Chemistry, and the building of the Nanotechnology B Center itself is located at ul. Siedlicka. In the past, this area was partially occupied by the Academic Park, so it was necessary to expand the available area. However, in the area of the Gdańsk University of Technology, in the place of the built green space, a car park was located. The entire concrete surface was transformed into green lawns with paved paths connecting the walkway at the polytechnic street with the entrance to the Nanotechnology Center building. An additional element was to put brick wooden benches with sizes enabling them to be laid on or used by a large group of people. Also, bicycle stands were mounted near the entrance to the facility. All this, embellished with lamps, is possible to use freely after dark.



Indicators

The main indicator used to assess the impact of the investment can be the number of people using the green space and the number of people using a bicycle.



Results

- Large number of people who sit on the benches located in the built green area during the summer.
- Increase in the number of people using a bicycle.

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Expense

600 thousand PLN.



Financing

- 15% - national public contribution (purposeful grant).
- 85% - Construction and equipment co-financed by the European Union from the European Regional Development Fund.



Lessons Learnt

- It is worth to limit car traffic and to allocate space for pedestrians and cyclists.
- Providing the recreational spaces with benches has a positive impact on the increase in the number of people using the common area in the open air.
- Large amount of greenery soothes the nervous system, and thus human behavior. It allows to reduce the stress associated with studying and relax in a nice environment.
- Green spaces located near the university facilities encourage people to spend time outdoors instead of sitting inside the building.
- The placing and location of bike stands affects the number of people arriving at the university on bicycles.



Pictures



Fig. 1. Green space and benches in front of the Nanotechnology Center A building

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 Pictures



Fig. 2. Green space and benches in front of the Nanotechnology Center A building

 Links

- www.pomaturze.pl/pages/2261/963/Politechnika+Gdanska
- www.gdansk.pl/wiadomosci/Odwiedz-Politechnike-Gdanska-koniecznie-po-zmierzchu-ZOBACZ-NOWA-ILUMINACJE,a,67586
- www.trojmiasto.pl/wiadomosci/Remont-histerycznej-czesci-kampusu-PG-n101382.html#

 Contact person

Not available.