

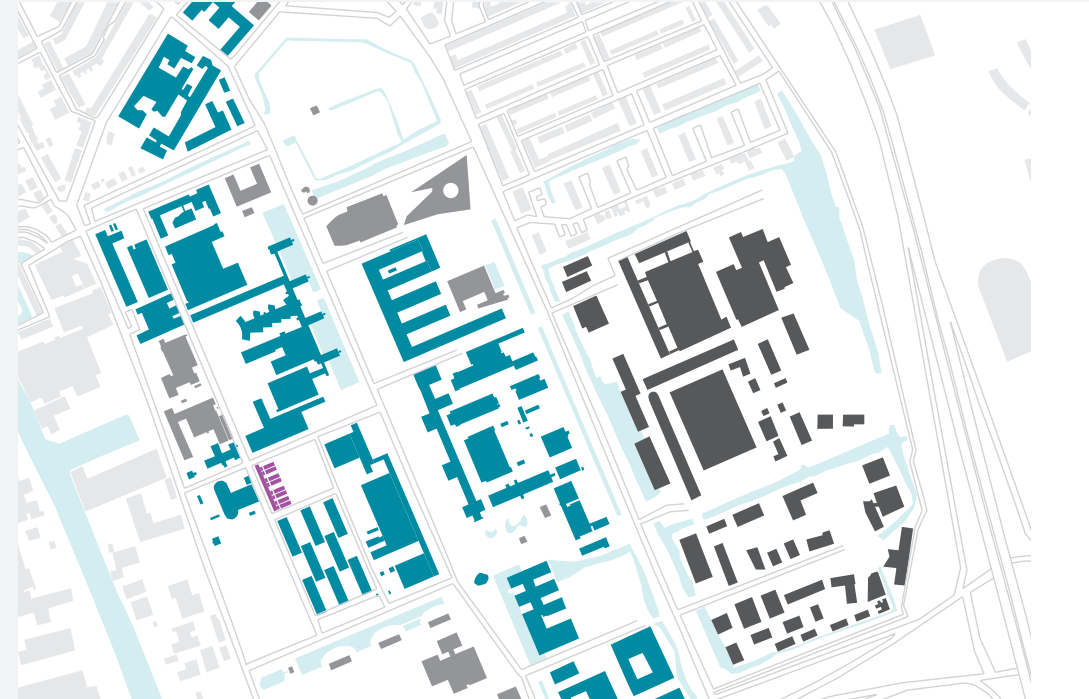
**Technische Universiteit Delft [TU]**

Motto: Challenge the future
 Founded: 1842
 Number of employees: 4,433
 Number of students: 13,711
 Percentage of foreign students: 11%
 Ratio male / female students: 80% / 20%
 Number of faculties: 8
 Largest faculty: Architecture
 Annual budget: 470 m EUR [2005]

Delft Technopolis

Motto: Integrated Engineering. Powered by TU Delft.
 Founded: 1960s, 2001 redevelopment
 Campus area: 910,000 sqm + 700,000 sqm planned
 Floor space: 600,000 sqm + 600,000 sqm planned
 Number of employees: 4,583 + 15,000 sqm planned
 Number of students: 13,711
 Number of residents: planned
 Number of companies: 50
 Number of institutions: 5
 Investments: 1,000 m EUR planned

Location: **Delft has been aptly named Knowledge City because of the presence of Delft University of Technology (TU Delft), which is the largest and most important technical university in the Netherlands. The ongoing development of the campus will provide a base for the long-term goal of TU Delft to become a university of the twenty-first century based on a multidisciplinary approach, or 'integrated engineering', which takes into consideration the increasing convergence of technology, innovation, education, research and their social applications. Although public transportation connects the campus to the main railway station,**



most people commute by bicycle, which takes about ten minutes from the historic centre. Rotterdam and The Hague are both about ten minutes away by car, and Rotterdam Airport and Amsterdam Schiphol are roughly an hour away.

Development: **TU Delft was founded in the city's historic centre but, since the 1960s, has gradually been moving from the inner city to the university quarter adjacent to the south of the city, due to its need for more space. Today only a few, mainly administrative, functions remain in the city centre. The campus itself consists of three parts: TU Middle, TU South and TU North. TU Middle and South are to be developed into a research and technology park called Technopolis, masterminded by the Delft-based and internationally renowned architecture office Mecanoo. The new name for the campus reflects the intention that it should act as a catalyst for the interaction of research and education in technology.**

Programme: **Technopolis integrates the university campus that forms the core of education and science at TU Delft and the 120-hectare Innovation Park that is reserved for research and development companies. It aims to become one of Europe's most important science parks in the near future. The TU North campus will, in turn, connect Technopolis with the historic centre of Delft. This zone will**



Delft Technopolis

be developed to become an attractive residential district. In addition, new buildings will house auxiliary functions, while student dormitories, a hotel, the international student centre and a faculty club will be placed in existing buildings.

Morphology: The aim of Mecanoo's 2002 master plan is to enhance connectivity and promote cooperation. It does so by clustering the faculties closer together and by establishing connections and different meeting areas between the faculties. The heart of the university campus will be the Strip, a key-shaped central zone designed as a catalyst for university life and home to all central and collective functions, such as the auditorium, central library, cultural centre and new sports centre. The Strip is also where the faculty buildings will be located, whereas research companies will be housed on the outer perimeter with joint laboratories and experimental installations in between. The Strip itself is only open to slow traffic; the transversal streets accommodate individual motorised traffic, parking and public transport. Two pavilions, called Servers, will house collective faculty spaces such as exhibition areas, computer labs or cafeterias. As the main location for meetings and encounters, their organic architectural language is to be characterised by vaulted roofs and canopies pointing towards the main entrances of the faculty buildings and by transparent façades allowing inside and outside to



merge. Lecture halls, meeting spaces and study areas within the Servers are to be designed as recognizable geometric shapes, such as cones, ellipsoids or spheres, protruding through the roof and anchoring the transparent building. Mecanoo's central library, with its iconic cone rising above the hill-like sloping grass roof, has already become a landmark building for TU Delft. By 2008, the main thoroughfare running through the campus will be converted into an esplanade, a large-scale park that can accommodate a variety of day-to-day activities as well as larger university events.

The City of Delft: Delft is located in the province of South Holland between the larger cities of The Hague and Rotterdam. Delft is nicknamed de Prinsenstad (the Princes' City), because William of Orange, the first in the Dutch royal line, held court in Delft in the 16th century. Delft has a well-preserved historic centre characterized by canals and old merchant houses. The town hall, the Prinsenhof, and the cathedral – the Oude Kerk – are major historic Dutch landmarks. Since around ten percent of its 100,000 inhabitants are students, Delft is a vibrant and lively city. This fact and the presence of TU Delft has attracted a large number of technology-based companies in recent years.

The Faculty of Electrical Engineering, Mathematics and Computer Science, the iconic cone and rear façade of the Central Library by Mecanoo (1997), and the Auditorium by Van de Broek & Bakema (1966).