

Facts & Figures

2017/2018



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Portrait

Vision

TU Delft believes its role in society is to supply technological solutions that take us significantly further along the road towards sustainability and a flourishing economy. We position ourselves as an open academic community which, through our academic staff and graduates, is represented throughout the academic world while also embedded in our own regional and national, social and economic environment.

Mission

TU Delft's mission is to make a significant contribution to a sustainable society for the 21st century by conducting ground-breaking scientific and technological research – acknowledged as world class; by training scientists and engineers with a genuine commitment to society; and by helping to translate knowledge

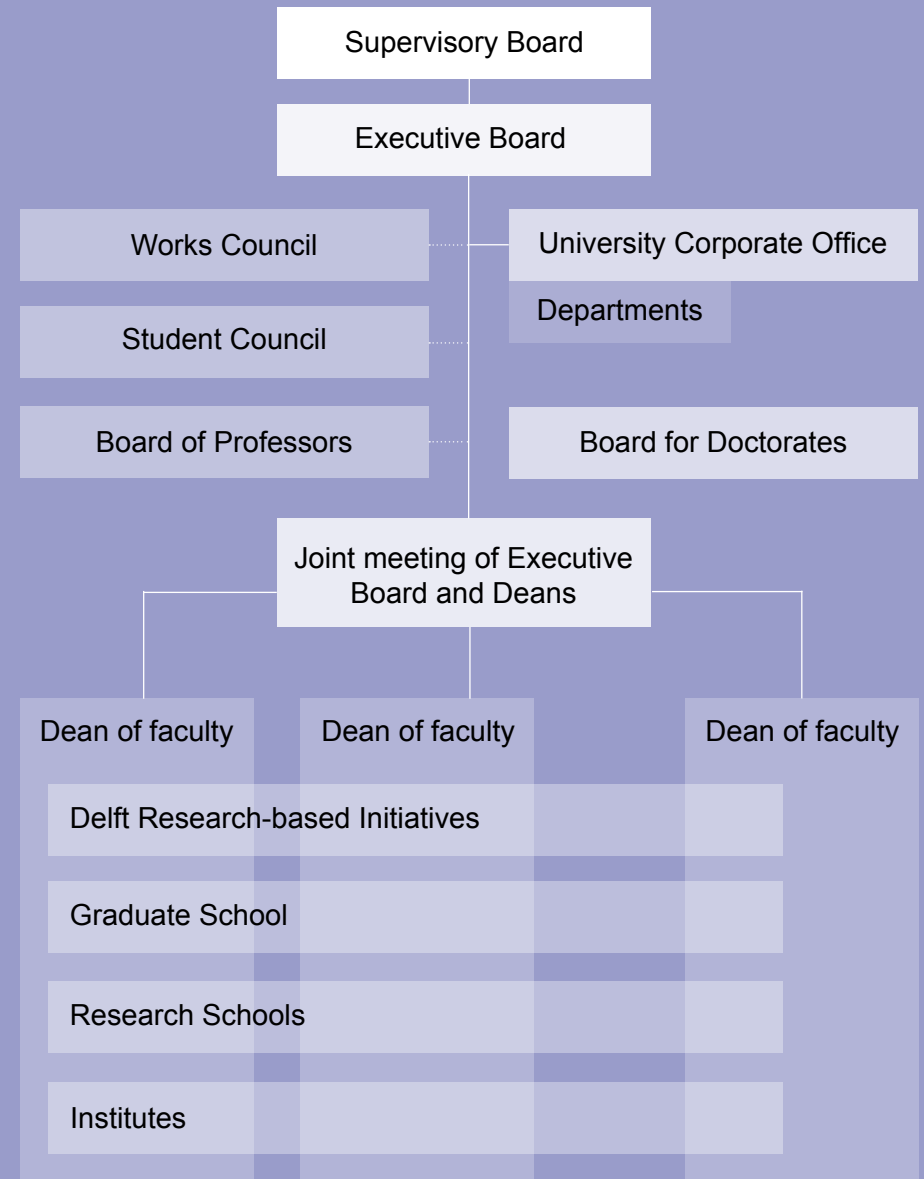
into technological innovations and activities with both economic and social value.

Values

The core values that guide all those associated with TU Delft are:

- Respect
- Integrity
- Expertise
- Transparency
- Avoidance of conflicts of interest

Our modus operandi as an institution is trust – by which we mean that every member of our community is expected to comply with our core values, to draw inspiration from them and to feel responsible for upholding them. Everyone at TU Delft should act with a sense of social responsibility and be aware of the value of technology's value to and its impact upon society.



Delft University of Technology at a Glance

Finances (2016)		M €
Equity		383,1
First income stream		438
Second income stream		45,5
Third income stream		139,2
Education (2016)		#
Bachelor's programmes		16
Master's programmes		32
Student population		21651
PhD Students		2710
First year students		5026
Master degrees		2671
Valorisation (2016)		#
Technostartups*		25
Patents in Portfolio		215

* Spin-offs and startups with a link to the research and/or education of TU Delft

www.tudelft.nl/factsandfigures

Research (2016)		
Professors (FTE)		239
Publications (scientific & professional)		5770
Promotions		398
Personnel (2016)*		
Scientific staff (FTE)		2879
Scientific staff (head count)		3160
Professional services (FTE)		2016
Professional services (head count)		2304
Diversity (2016)*		
	#	%
International scientific staff (FTE)	1530	53%
Female scientific staff (FTE)	749	26%
International full professors (FTE)	60	25%
Female full professors (FTE)	29	12%
International students	4142	19%
Female students	5707	26%

* PhD students are classified as scientific staff. The percentages are calculated over total number of scientific staff, full professors and students, respectively.



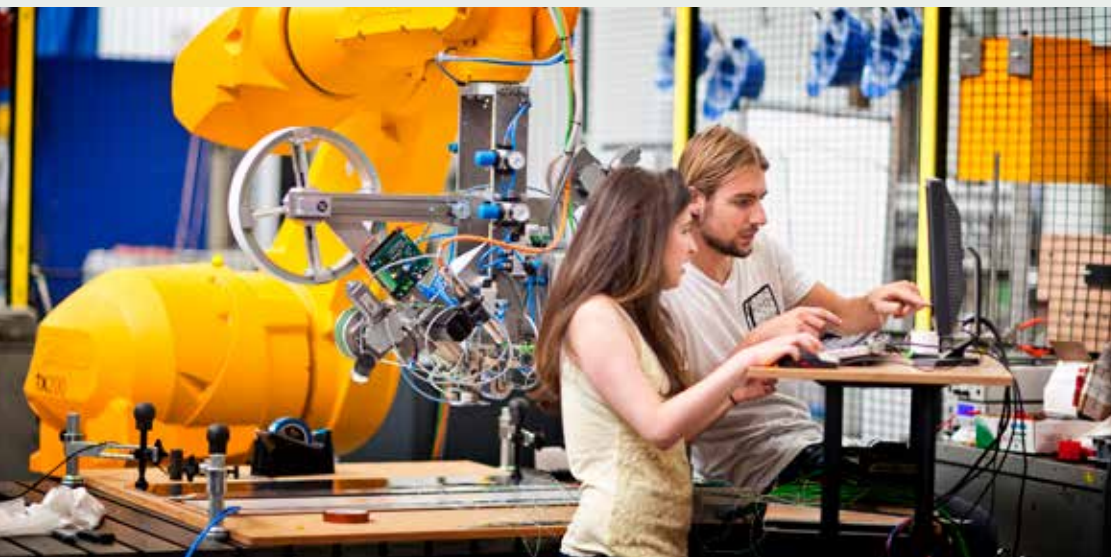
Faculties

- Aerospace Engineering (AE)
- Applied Sciences (AS)
- Architecture and the Built Environment (Arch)
- Civil Engineering and Geosciences (CEG)
- Electrical Engineering, Mathematics and Computer Science (EEMCS)
- Industrial Design Engineering (ID)
- Mechanical, Maritime and Materials Engineering (3mE)
- Technology, Policy and Management (TPM)



Education and Students

- TU Delft has developed a portfolio of 16 BSc programmes (including four joint degrees), which cover the broad range of engineering disciplines.
- The University offers more than 30 MSc programmes, several of which are unique in the Netherlands.
- Some of these degree programmes are offered in conjunction with other institutions, under the auspices of either the 4TU Federation (the collaborative venture of the four Dutch universities of technology) or our alliance with Leiden University and Erasmus University Rotterdam.
- Our MSc programmes are taught in English, as are our Applied Earth Sciences, Aerospace Engineering, Computer Science and Engineering and Nanobiology BSc programmes.
- TU Delft encourages ambitious students to participate in the Honours Programme Bachelor or Master; an extra-curricular programme designed to enrich the overall study experience.



Bachelor's

- Aerospace Engineering
- Applied Earth Sciences
- Applied Mathematics
- Applied Physics
- Architecture, Urbanism & Building Sciences
- Civil Engineering
- Clinical Technology (joint degree)
- Computer Science and Engineering
- Industrial Design
- Life Science and Technology (joint degree)
- Marine Technology
- Mechanical Engineering
- Molecular Science and Technology (joint degree)
- Nanobiology (joint degree)
- Systems Engineering, Policy Analysis & Management

Master's

- Aerospace Engineering
- Applied Earth Sciences
- Applied Mathematics
- Applied Physics
- Architecture, Urbanism & Building Sciences
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Complex Systems Engineering and Management
- Computer Engineering
- Computer Science
- Construction Management and Engineering
- Design for Interaction
- Electrical Engineering
- Embedded Systems
- Engineering and Policy Analysis
- Geomatics
- Industrial Ecology (joint degree)
- Integrated Product Design
- Life Science and Technology
- Management of Technology
- Marine Technology
- Materials Science and Engineering
- Mechanical Engineering
- Nanobiology (joint degree)
- Offshore and Dredging Engineering
- Science Education and Communication
- Strategic Product Design
- Sustainable Energy Technology
- Systems and Control
- Technical Medicine (joint degree)
- Transport Infrastructure and Logistics

Post-master's

- Berlage Post-master in Architecture and Urban Design
- European Post-master in Urbanism

Online Education



Professional Education Courses

- Actors and strategy: Understanding strategic environments for effective action
- Advanced Credit Risk Management
- Aerobic granular sludge for wastewater treatment - Nereda
- Air Safety Investigation
- Aircraft Performance
- Algorithmic Governance
- Anaerobic Wastewater Treatment
- Assessing and Managing Safety Culture
- Corporate Social Responsibility
- Cultural-sensitive Design
- Design for Emotion and Happiness
- Design Leadership and Innovation
- Design of Closure Works
- Digital Manufacturing for Industrial Design
- Economics of Cyber Security
- Energy Friendly Renovation Processes
- Fibre Reinforced Polymer Composites in Structural Engineering Applications
- Implementing Customer Insights into your Business
- Improving Road Safety
- Leadership for Engineers
- Membrane Filtration for Water Treatment
- Nano filtration and Reverse Osmosis in Water Treatment
- New Product Marketing
- Offshore Wind Farm Technology
- Open Data Governance and Use
- Professional Ethics for Engineers
- Project Management (Finance and Complexity)

- Railway Engineering
- Responsible Innovation
- Smart Structures
- Text Mining and Analytics
- Value Sensitive Design
- Vision in Design

Online Courses

- Aerospace Engineering
- Coastal and Ocean Engineering
- Drinking Water Treatment
- Engineering & Policy Analysis
- Helicopter Performance, Stability and Control
- Linear Modelling (including FEM)
- Non-linear modelling
- Sanitary Engineering
- Satellite Orbit Determination
- Solar Energy
- Urban Drainage and Water Management
- Wastewater Treatment
- Wind Energy

Programmes for Professionals

- MicroMaster in Solar Energy Engineering
- XSeries on Water
- XSeries on Data Analysis
- XSeries on Business Model Innovation

MOOCs in 2017



Scientific Focus



Civil Engineering and Geosciences

- Geoscience & Engineering
- Geoscience & Remote Sensing
- Hydraulic Engineering
- Structural Engineering
- Transport & Planning
- Water Management



Technology, Policy and Management

- Engineering Systems & Services
- Multi Actor Systems
- Values, Technology & Innovation

Architecture and the Built Environment

- Architecture
- Architectural Engineering & Technology
- Management in the Built Environment
- OTB Research for the Built Environment
- Urbanism



Industrial Design Engineering

- Design Engineering
- Industrial Design
- Product Innovation Management



Aerospace Engineering

- Aerodynamics, Flight Performance and Propulsion & Wind Energy
- Aerospace Structures & Materials
- Control & Operations
- Space Engineering

Applied Sciences

- Bionanoscience
- Biotechnology
- Chemical Engineering
- Imaging Physics
- Quantum Nanoscience
- Radiation Science & Technology

Mechanical, Maritime and Materials Engineering

- Biomechanical Engineering
- Cognitive Robotics
- Maritime & Transport Technology
- Materials Science & Engineering
- Precision & Micro-systems Engineering
- Process & Energy
- Systems & Control





Electrical Engineering, Mathematics and Computer Science

- Applied Mathematics
- Electrical Sustainable Energy
- Intelligent Systems
- Microelectronics
- Quantum & Computer Engineering
- Software Technology



Delft Research- based Initiatives

The purpose of the TU Delft Research-based Initiatives (DRI's), established in 2009, is to contribute to solving societal challenges within four themes: Health, Energy, Global Development, and Deltas, Infrastructures & Mobility. The Initiatives engage with societal and industrial partners, and highlight innovative science, engineering and design. In addition to stimulating multidisciplinary research that is in line with (inter)national agendas, the initiatives also have a strong inspirational effect on students and education.



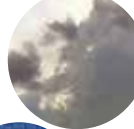

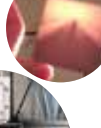

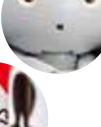





	Energy	Deltas, Infrastructures & Mobility	Health	Global
				
Research fields	<ul style="list-style-type: none"> • Wind Energy • Solar Energy • Energy Networks • (Chemical) Storage • Energy Efficiency in Design • Energy Efficiency in Industry • Energy in the Built Environment • Geo-energy • Biomass • Nuclear Energy 	<p>Overall programme:</p> <ul style="list-style-type: none"> • Vital Infrastructures for Water Safety and Smart Mobility <p>Specific programmes:</p> <ul style="list-style-type: none"> • Urbanising Delta's • Urban Infrastructures • Airport of the future <p>Connective theme:</p> <p>Resilient, Durable Infrastructures</p>	<ul style="list-style-type: none"> • Medical Imaging & Image Guided Medicine • Interventions & Care • Targeted Molecular Technology • Vitality 	<ul style="list-style-type: none"> • Science and Technology for Global Development • Sustainable Solutions in Close Cooperation with Partners in Developing Countries <p>Themes: Healthcare, Energy, Water, Urbanisation, Disaster Resilience and Response</p>
Start	2009	2009	2009	2015
	8 faculties	5 faculties	6 faculties	8 faculties

TU Delft Institutes

Within TU Delft, high-quality research capacity is clustered - either physically or virtually - into several University-wide institutes: the TU Delft Institutes. This organisational structure helps to strengthen the scientific focus and to enlarge the critical mass. In this way TU Delft aims to enhance its external profile with a view to better positioning itself to join national and international consortia and networks, and to become more attractive to top scientific talent.

In the course of 2017, one new Institute is expected to kick-off: the 'Delft Design for Values Institute', supported by the faculties of TPM, Arch, EEMCS and IDE.

In 2017, the following eleven institutes were running at TU Delft:

	Name	Focus	Start	Faculties
	Bio-engineering	<ul style="list-style-type: none"> The cell at work The interacting cell The cell for production 	2016	AS, CEG, EEMCS, 3mE
	Climate	<ul style="list-style-type: none"> Extreme weather and the city Aerosols, radiation and clouds Observation & validation of sea level rise and mass transport Climate information and policy 	2012	AE, Arch, AS, CEG, EEMCS, TPM, 3mE
	Computational Science & Engineering	<ul style="list-style-type: none"> Dynamics Structures Solids Socioeconomics & life 	2016	AE, Arch, CEG, EEMCS, TPM, 3mE
	Optics	<ul style="list-style-type: none"> Spectrometry Imaging Metrology 	2017	AE, AS, 3mE, External partner: TNO
	Process Technology	<ul style="list-style-type: none"> Biochemical process engineering Process intensification Process technology for advanced materials 	2012	AS, 3mE
	Robotics	<ul style="list-style-type: none"> Swarm robotics Robots that work Interactive robots 	2012	AE, Arch, EEMCS, IDE, TPM, 3mE
	Safety & Security	<ul style="list-style-type: none"> Safety & security at home Safety & security in motion Safety & security in society 	2013	AE, Arch, AS, CEG, EEMCS, TPM, 3mE
	Space	<ul style="list-style-type: none"> Sensing from space Space robotics Distributed space systems 	2015	AE, AS, CEG, EEMCS, 3mE
	Sports Engineering	<ul style="list-style-type: none"> Aero- and hydrodynamics Biomechanics, materials and human / material interaction Measurement, feedback and simulation Motivation Sports infrastructures and facilities 	2014	AE, Arch, EEMCS, IDE, 3mE
	Transport	<ul style="list-style-type: none"> Coordinated and Cooperative traffic management Transport policy Spatial planning & mobility Logistics & freight transport Railways 	2012	AE, Arch, CEG, EEMCS, IDE, TPM, 3mE
	Wind Energy	<ul style="list-style-type: none"> Unsteady aerodynamics Smart structure rotors Design methods Offshore components and design Dutch wind energy in Europe 	2012	AE, AS, CEG, EEMCS, TPM, 3mE

Technology Transfer



As of 2004, Valorisation is one out of three core tasks of Dutch Universities. Valorisation concerns the creation of social and economic value based on scientific knowledge and skills. The Valorisation Centre stimulates and facilitates technology transfer and provides the necessary support for TU Delft scientists and support staff. This includes supporting researchers in attracting funding for research projects, setting-up innovative R&D initiatives and coordinating these large-scale programmes and projects, the management and commercialization of intellectual property, business development and establishing and maintaining long-term relationships with commercial partners.

Intellectual Property 2016

Announcement new findings	87
New submitted	47
Contracts closed	23
Patents commercialised	31
Total patents in portfolio	215

Visit www.patent.tudelft.nl for our patent portfolio

Collaborations with industry (contract research) 2016

New research agreements closed	2
Extended research agreements	3
Other framework agreements	5
Total research framework agreements	16

Ranking Reuters Top 100: The World's Most Innovative Universities

TU Delft jumped to 44th place, from 73rd place in 2015. Patents were an important factor in this improved rating.

About Delft Enterprises (DE)

Delft Enterprises B.V. participates in innovative, early stage and technology-based spin-off companies of TU Delft. The aim to empower and speed up the development of these startups, as part of the ambition of the University to turn scientific knowledge into economic value.

Entrepreneurship@tudelft 2016

New Spin-offs in portfolio	12
Exits	2
Total amount of spin-off companies in DE portfolio	49
Total amount of funding raised by portfolio companies	> 100,000,000

In 2016, TU Delft passed the **100-million-euro milestone** for H2020 project funding since the start of the programme. More than **140 projects** are still in progress, in fields including robotics, flood disaster resilience, and responsible research & innovation. Between 30 October 2015 and 30 September 2016, TU Delft attracted around 44 million euros in project resources.

The European Institute of Innovation & Technology (EIT) is at the heart of the Horizon 2020 programme. The EIT exists of six 'Knowledge and Innovation Commu-

nities' (KICs), each geared to a particular societal challenge. TU Delft is **involved in four** of these KICs: Raw Materials, Health, Climate Change, and ICT.

The Foundation for Fundamental Research on Matter (FOM) **awarded its 2016 Valorisation Prize** of 250,000 euros to TU Delft Professor Ekkes Brück for his efforts in valorising the fundamental knowledge in the field of energy materials.

Research Funding 2016

National grant agreements		
STW Perspectief programme	3	
STW Partnership programmes	2	
NWO Innovational Research Incentives Scheme	VENI	8
	VIDI	10
	VICI	2
NWO STW Open Technology Programme	9	
NWO Take-off	22	Phase I
	8	Phase II
NWO Rubicon	4	
NWO's URSES	1	
European H2020 grant agreements		
ERC Advanced Grant	2	
ERC Consolidator Grant	6	
ERC Starting Grant	12	

Printing without ink TU Delft spin-off
Inkless ready for the next step forward

Printing without ink. Inkless, a TU Delft spin-off company, has the technology to do this without sacrificing print quality. This can be done by carbonising the paper using a method developed in collaboration with the TU Delft Optics Research Group. Inkless has a good control over the carbonisation process. This makes it possible to print without consumables on thin materials (such as paper), without giving in on the readability of the printed content. There are several patents on the technology.



Visit www.tudelft.nl/en/technology-transfer/ for more information





TU Delft Alumni

Lustrum 2017

In 2017 we have celebrated the lustrum 175 years TU Delft – Technology for Life. At this occasion the alumni community 'TU Delft for Life' has been introduced.

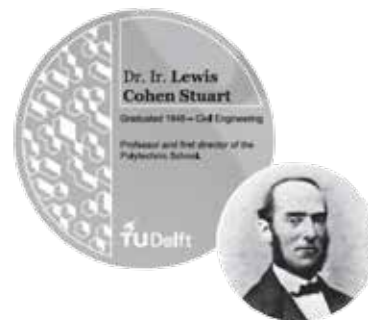
Also, 17 Historical Alumni have been added to the Alumni Walk of Fame:

- Dr. ir. Lewis Cohen Stuart – 1848 Civil Engineering
- Prof. dr. ir Martinus W. Beijerinck – 1872 Chemical Engineering
- Dr. ir. Jacobus H. van 't Hoff – 1871 Chemical Engineering
- Dr. i. Cornelis Lely – 1875 Civil Engineering
- Prof. dr. ir. Jacob Kraus – 1883 Civil Engineering
- Prof. dr. ir. Gerrit van Iterson – 1901 Chemical Engineering
- Ir. Maria Elisabeth Bes – 1904 Chemical Engineering
- Prof. ir. Marinus Jan Granpré Molière – 1907 Architecture
- Prof. dr. ir. Hein Israël Waterman – 1911 Chemical Engineering
- Prof. ir. Albert Sybrandus Keverling Buisman – 1912 Civil Engineering
- Prof. dr. ir. Albert Jan Kluyver – 1914 Chemical Engineering
- Prof. ir. Johannes Theodoor Thijssse – 1917 Civil Engineering
- Prof. ir. Willem Schermerhorn – 1918 Civil Engineering
- Ir. Dirk Coster – 1919 Electrical Engineering
- Ir. Johan van Veen – 1919 Civil Engineering
- Prof. dr. ir. Antonia Elisabeth Korvezee – 1922 Chemical Engineering
- Prof. dr. ir. Hendricus Jacobus van der Maas – 1923 Maritime Engineering



Alumni Worldwide Based on LinkedIn July 2017

total # alumni worldwide 99.407



Top 10 Employers

Shell	1122
Rijkswaterstaat	670
TNO	565
Philips	542
ASML	521
Royal Haskoning DHV	497
KPN	339
Deltares	283
Arcadis	280
Heerema Marine Contractors	237

Top 10 Countries

Nederland	77094
USA	2543
Duitsland	1833
Verenigd Koninkrijk	1824
Belgie	1476
Spanje	1169
Italie	1014
Frankrijk	906
Zwitserland	848
Australie	708

In 2017 a new alumnus of the year has been added to the Alumni Walk of Fame:
Ir. Bart Reijnen – 1995 Aerospace Engineering

External relations



Visit Deputy Director Dr Sharma, Indian Space Research Organisation (ISRO), Indian Satellite centre (ISAC) to TU Delft Executive Board and faculties, Delft May 2017

Network memberships in the Netherlands and Europe

4TU: Eindhoven University of Technology, Twente University, Wageningen University and TU Delft

LDE: Leiden University, TU Delft, Erasmus University Rotterdam

CESAER: 51 Universities of Technology in Europe

IDEA LEAGUE: ETH Zurich, RWTH Aachen, Chalmers University of Technology, Polytechnic Milan, TU Delft

EUA: European Universities Association

Strategic University Partners and Global Engagement Initiatives for worldwide Impact

Global relations are crucial for the TU Delft to be able to find innovative solutions creating impact for tackling today's global challenges and sustainable development goals (SDG) in both the regional and international context. The TU Delft strongest global relations not only focus on linkages with worldwide academic and research institutions but also build on an extensive network with (semi) government, NGO, health sector and business partners.

The basis of research and education partnerships originates from carefully established 'bottom-up' faculty relations: personal contact in researcher-to-researcher networks where curiosity and focus brings together academics on matching expertise creating synergy. Some of these TU Delft's short and long term academic collaborations have grown into a number of joint research initiatives in both Europe and beyond. To actively further support academics in strengthening and broadening their collaborations into long-term relations as well as to encourage explicit focus on the importance of the university's position in the world, the TU Delft has started rethinking its global alliances.

As such the TU Delft will aim to strengthen its relations with a select number of worldwide strategic university partners. In addition the TU Delft will position focused research fields for scientific collaboration in Brazil, China and India. While through the Delft Global Initiative the university



Signing Ceremony of Joint Establishment of International Institute of Space, Harbin University of Technology and Delft University of Technology, Beijing 6 June 2017

wishes to boost science and technology for global development and impact in Sub Saharan Africa and South-East Asia. Many initiatives will directly or indirectly be supported by the university's Valorisation Center; TU Delft international projects, funding and business relations units.

Finally in order to increase the TU Delft impact on the global education market the university will strengthen its thematic online education while collaborating with front runners in innovative education as well as start offering a relevant portfolio for working professionals and lifelong learners in a global environment.

Campus & Facilities

An inspiring campus

TU Delft is an attractive 'living campus' with excellent facilities for education, research and innovation. It's an inviting campus where people feel inspired to work and to be creative; an environment also that contributes to the community feeling. We continue renewing the campus to provide the best facilities at all times. We want to do this in a responsible manner and are firmly committed to the principles of sustainability.

Research Infrastructure

To attract outstanding scientific talent, conduct ground-breaking research and train new generations of engineers, TU Delft heavily relies upon excellent research facilities. We use our campus as a living lab which makes it possible for us and our research partners (for example TNO, Deltares and Microsoft) to test the real-life practicality of models simulated on computers. Something no other Dutch university can do on such a large scale. This is a defining element of TU Delft's profile within the international research landscape.



For campus development see
campusdevelopment.tudelft.nl

Research Facilities

Aerospace Engineering

- Aeroplane Hangar
- Cessna Citation II Jet Aircraft
- Cleanroom for Satellite Building
- Flight Arena 'Cyberzoo'
- Flight Simulator Simona
- Kite Laboratory
- Micro Air Vehicle Laboratory
- Propulsion Lab (being built now)
- Structures & Materials Lab
- Wind Tunnels (Low and High Speed Tunnels)

Applied Sciences

- Chemical Labs
- Fermentation Labs
- Molecular biology Labs
- Bioprocess Pilot Facility
- Imaging Facility
- Advanced Imaging Labs
- Laser Labs
- Cleanrooms
- Nuclear Research Reactor, incl. Neutron and Positron Beam-line Instruments and Irradiation Facilities

Architecture and the Built Environment

- Architecture Model Hall
 - 3D Printers
 - 3D Lab
 - Lasercutters
 - CNC Milling Machines
 - Render Farm
 - Sense Lab
 - Product Development Lab
- Architecture Library:
 - 35,000 Books
 - 14,000 Maps
 - 550 Atlases
 - 260 Magazine Titles

Civil Engineering and Geosciences

- Cloud Lab
- Geodesy/GNSS Lab
- DiTT-Lab
- Smart Vehicle Lab
- Research Lab Automated Driving
- Drones for Traffic and Geological Research
- CT Scanner
- High Pressure & Temperature Facilities
- Geo-technical Centrifuge
- Macro Lab
- Micro Lab
- Biohazard 1 Wastewater Treatment Lab (ML1 lab)
- Water Engineering Experimental and Analytical Lab (e.g. GC, IC, HPLC, Water Isotopes)
- Flooms for Waves, Currents and Sediment Transport
- Jetski Mobile Platform for Coastal Fieldwork



Industrial Design Engineering

- Applied Labs
- Aviation
- Connected Everyday Lab
- Emerging Materials Lab
- Foundational Labs
- ID-StudioLab
- Model making and Machine Lab
- Perceptual Intelligence Lab
- Physical and Ergonomics Lab
- Product Evaluation Lab

Mechanical, Maritime and Material Engineering

- Cleanroom for Micro/Nano Engineering Lab
- Driving and Racing Simulator Labs
- Fluid Mechanics Lab
- Graphene and Thin Film Deposition Lab
- Materials Lab
- Mechatronics Lab
- Perfect Reactors Lab
- Process Technology Lab
- Robotics Lab
- Flume Tank and 2 Towing Tanks
- Delft Lab for Neuromuscular Control
- AGV-Lab
- Optics Lab
- Fuel Cell Lab
- Hexamove/-pod
- Cavitation Tunnel

Electrical Engineering, Mathematics and Computer Science

- Else Kooi Lab, Cleanroom for Microsystems
- Electrical Sustainable Power Lab
- INSYGHTLab for Computer Vision, Interactive Intelligence and Visualisation
- Radar Labs with PARSAX and MECEWI Radars and the Radar Facilities TARA and IDRA
- DUCAT Antenna Measurement Chamber
- Photovoltaics Laboratory
- Tellegen Hall

Technology, Policy and Management

- Policy Analysis Simulation Lab
- Serious Game

History of the University

Royal Academy

On 8 January 1842, King Willem II founded the 'Royal Academy for the education of civilian engineers, to serve both nation and industry, and of apprentices for trade'. The academy also educated civil servants for the colonies and revenue officers for the Dutch East Indies.



Institute of Technology

On 22 May 1905, an Act was passed acknowledging the academic level of the Polytechnic School's technical education and it became a Technische Hogeschool, or Institute of Technology. Queen Wilhelmina attended the Institute's official opening ceremony on 10 July 1905. The Institute's first Rector Magnificus was the Professor of Hydraulic Engineering ir. J. Kraus. The Institute was granted corporate rights by an Act passed on 7 June 1956.



1842-1864

1864-1905

1905-1986

1986-present



Polytechnic School

An Act was passed on 2 May 1863 imposing regulations on technical education as well as bringing it under the influence of the rules applying to secondary education. Then, on 20 June 1864, a Royal Decree was issued ordering the Royal Academy in Delft to be disbanded to make way for a new 'Polytechnic School'. The school went on to educate architects and engineers in the fields of civil engineering, ship-building, mechanical engineering and mining.

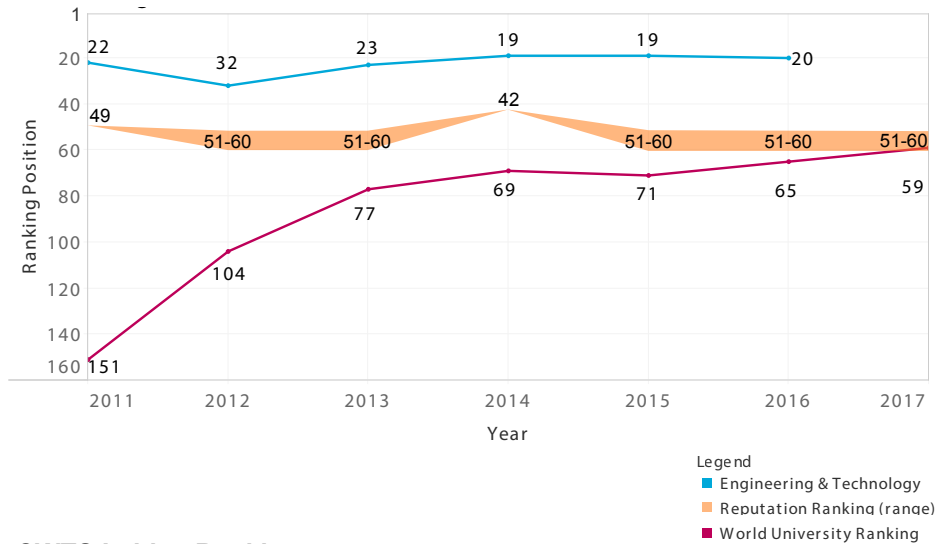


Delft University of Technology

An Act which took effect on 1 September 1986 officially transformed the Institute of Technology into Delft University of Technology, abbreviated to TU Delft from the Dutch name *Technische Universiteit Delft*.

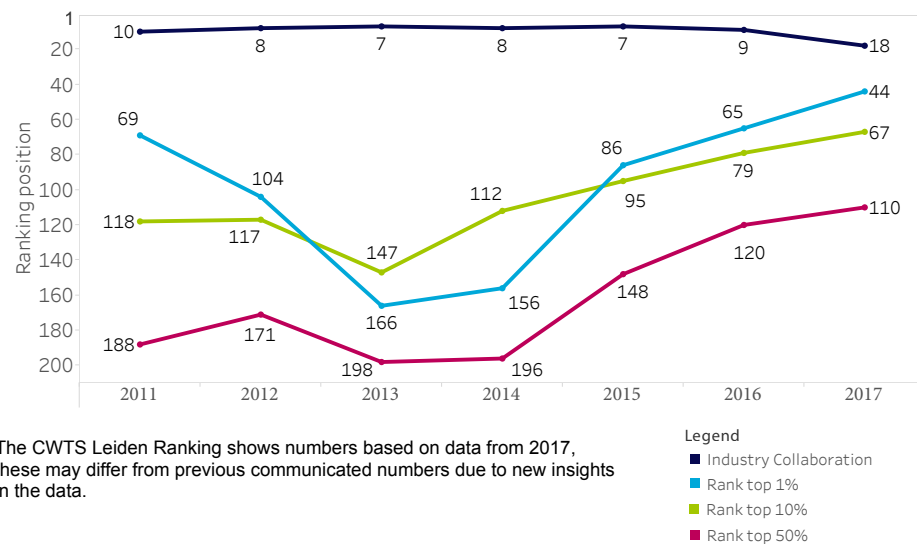
Rankings

THE Ranking



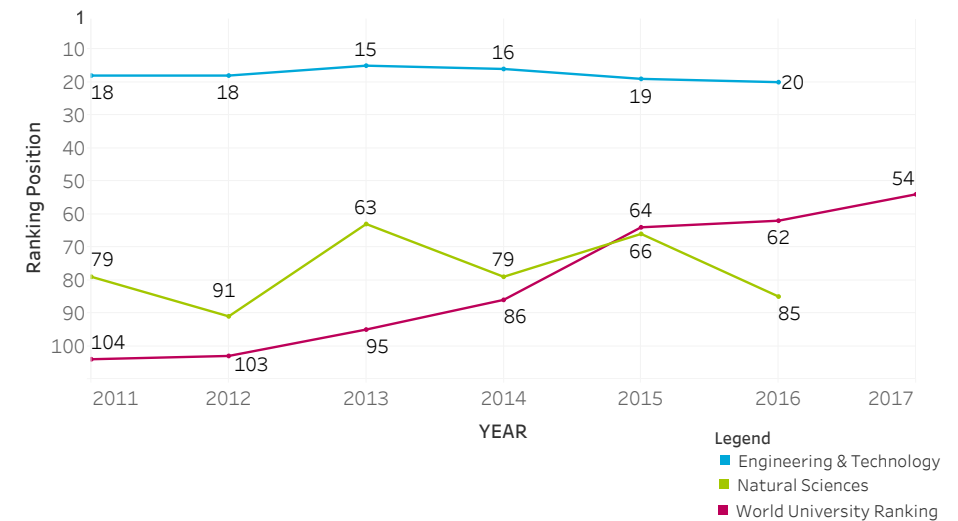
CWTS Leiden Ranking

All Sciences: Industry Collaboration, Top 1%, 10% & 50% publications



* The CWTS Leiden Ranking shows numbers based on data from 2017, these may differ from previous communicated numbers due to new insights in the data.

QS Ranking



ARWU Ranking

Year	World	Field Eng./ Tech. & Comp. Sciences	Subject Computer Science
2017	151-200		51-75
2016	151-200	101-150	-
2015	201-300	101-150	101-150
2014	201-300	101-150	101-150
2013	201-300	101-150	101-150
2012	201-300	76-100	101-150
2011	151-200	76-100	

ARWU Subject	Ranking position 2017
Water Resources	1
Transportation Science & Technology	1
Aerospace Engineering	4
Marine/Ocean Engineering	5
Remote Sensing	12
Civil Engineering	26
Mechanical Engineering	28
Instruments Science & Technology	31
Chemical Engineering	34
Mining & Mineral Engineering	35
Electrical & Electronic Engineering	40
Automation & Control	42
Metallurgical Engineering	48

The City of Delft

Delft is a historical city that was established in the 13th century with a rich history including the world-famous Delft Blue china, celebrated painters such as Johannes Vermeer and scientists such as the inventor of the microscope Antoni van Leeuwenhoek. Delft's slogan is: 'Delft, creating history'. The city of Delft is strategically located at the heart of the Dutch knowledge economy and is within easy reach of the TU Delft campus by bike or public transport. The close connection between the city and the University brings together the best of both worlds.

Over the past two decades, Delft has rapidly transformed from an industrial centre into a hub for the Dutch knowledge economy. But Delft is also constantly looking to the future to ensure the city remains vibrant and prosperous. The university and companies based in Delft play an important role in this mission. The University and the city work more and more together in order to become a strong team in the battle for brains. Internationalisation, accessibility of the campus, estate management, attractiveness for students, researchers and tech companies to come and stay in Delft as well as community engagement are on the agenda.

City of Delft statistics

Square kilometres: 24

Population: 101,033

Cafés, bars and restaurants: 296

Connectivity

To Rotterdam by car: 15 km, 20 min

To Rotterdam by train: 10 services per hour, 15 min

To Amsterdam by car: 66 km, 44 min

To Amsterdam by train: 4 services per hour, 58 min

To Schiphol airport by train: 6 services per hour, 40 min

Impact TU Delft on the City of Delft

- 1 in 10 residents is a TU Delft student
- 1 in 5 catering facilities in Delft would not exist without TU Delft
- 1 in 10 retail concerns in Delft would not exist without TU Delft
- TU Delft employs 5270 FTE directly and another 1850 FTE indirectly
- TU Delft and its students, employees and visitors account for 15 % of Delft's employment

**Colophon:****Production**

TU Delft, Department Communication

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