Top Science & Innovation Parks in the Netherlands

Motor of a strong and sustainable economy

Contents

excellent opportunities inspiring locations wonderful communities

Preface

We are proud to present an overview of the eight leading Science & Innovation Parks in the Netherlands. Together we are considered to be the greatest driving force of the Dutch economy. We are quickly becoming clusters of European significance. We offer excellent opportunities, inspiring locations and wonderful communities to leading companies from home and abroad, to knowledge institutions and to other organisations, helping these to further develop their activities. Top-of-the-line research at our Science & Innovation Parks results in more knowledge transfer, new innovative products (and services), more businesses and new jobs. We know how to attract and retain talent, and contribute to the economic growth and competitiveness of the Netherlands. Our first-rate R&D is focused on solving important global challenges related to health, clean water, food security and sustainable systems.

Our strengths are based upon:

- true knowledge and innovation within specific niches related to global challenges;
- an accessible research infrastructure;
- substantial shared facilities and services;
- complete clusters and available talent;
- attractive work and living environments with adequate real estate opportunities to accommodate the growth of start-ups and other companies;
- a highy educated, multilingual population in a stable and prosperous country.

We hope you are feeling inspired and would love to welcome you to one or more of our Science & Innovation Parks.

September 2016

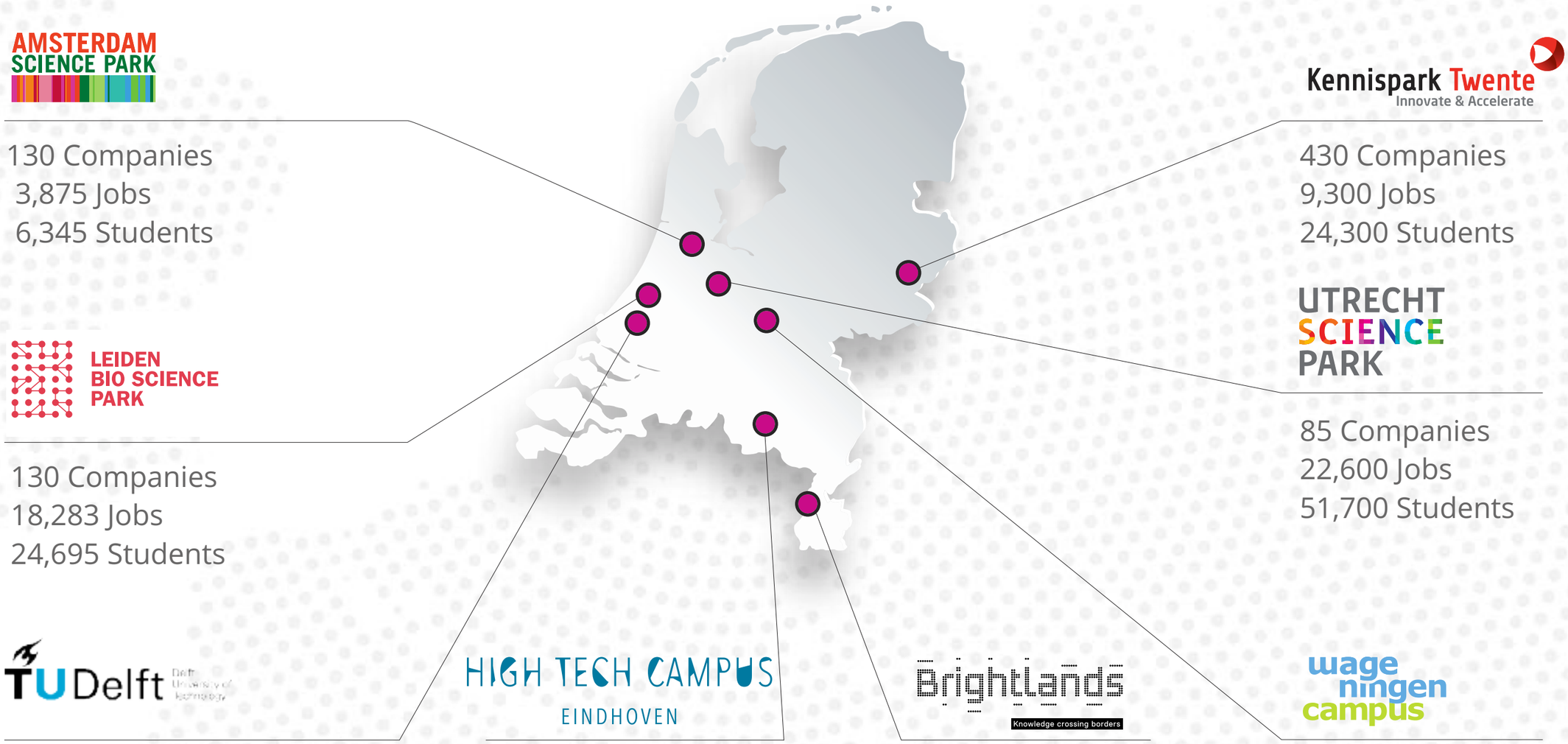
Amsterdam Science Park	**Leiden Bio Science Park**	**Brightlands Chemelot Campus**	**Kennispark Twente**	**Wageningen Campus**	**Utrecht Science Park**	**TU Delft Science Park**	**High Tech Campus Eindhoven**
Leo Le Duc	Ellen Smit	Bert Kip	Kees Eijkel	Petra Caessens	Floris de Gelder	Anne-Lize Hoftijzer	Frans Schmetz








Eight Science & Innovation Parks



AMSTERDAM SCIENCE PARK

130 Companies
3,875 Jobs
6,345 Students

LEIDEN BIO SCIENCE PARK

130 Companies
18,283 Jobs
24,695 Students

TU Delft

219 Companies
16,000 Jobs
24,080 Students

HIGH TECH CAMPUS EINDHOVEN

150 Companies
10,000 Jobs

Kennispark Twente
Innovate & Accelerate

430 Companies
9,300 Jobs
24,300 Students

UTRECHT SCIENCE PARK

85 Companies
22,600 Jobs
51,700 Students

Brightlands
Knowledge crossing borders

77 Companies
1,700 Jobs
660 Students

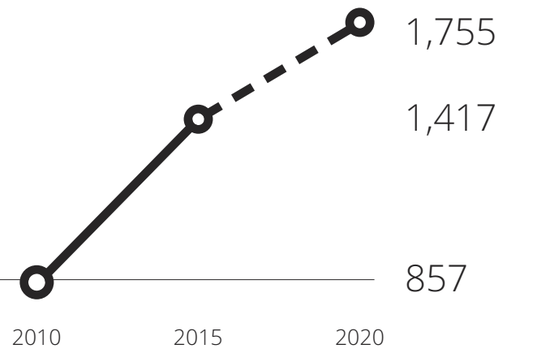
wageningen campus

196 Companies
6,800 Jobs
10,800 Students

Facts & figures

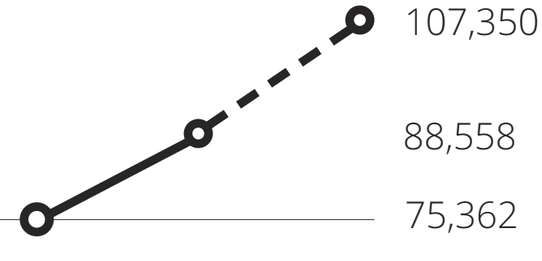
1,417 Companies

659 Start-ups
627 Small & Medium-sized Enterprises
131 Corporates / Global players



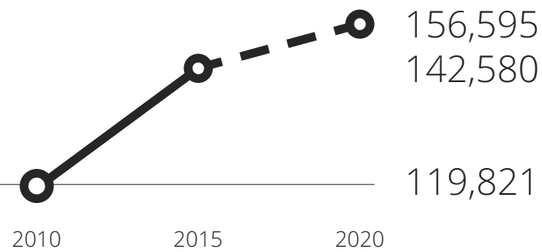
88,558 Jobs

47,494 Universities / research institutes
33,167 Companies
7,897 Other



142,580 Students

14,847 International



€ 3.94 billion investment value 2010-2020

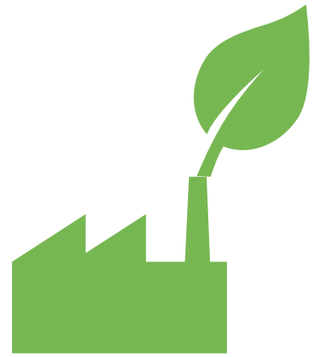
Global Challenges

Health, demographic change and well-being

- developing high-quality, economically sustainable and innovative health and care systems
- creating opportunities for new jobs and growth

Food security and sustainable agriculture and forestry

- increasing sustainable agricultural production
- improving the global supply chain
- decreasing food losses and waste and improving food quality and food safety
- ensuring that all who are suffering from hunger and malnutrition have access to nutritious food



Environment and resource security

- reducing emissions and improving resource/energy efficiency
- bio-based solutions
- materials revolution and product design
- optimization and eliminating waste in plastics

Access to clean and fresh water

- generating access to fresh water
- sustainably ensuring its safety and quality

Smart, green and integrated transport

- drastically reducing transport's emissions
- lowering dependence on fossil fuels
- reducing transport impact on biodiversity and preserving natural resources

Economic growth and social inclusion

- making economic growth more socially inclusive
- without dampening incentives to work, save and invest

Secure societies

- improving societal resilience against natural and man-made disasters

Sources: Societal Challenges Horizon 2020 + 10 Global Challenges World Economic Forum

leading companies
excellent institutions
top-level research

Our involvement in Global Challenges

	Health, demographic change and well-being	Food security	Environment and resource security	Access to clean and fresh water	Smart, green and integrated transport	Economic growth and social inclusion	Secure societies
Amsterdam Science Park	♥	🍎			🚆		◉
Brightlands Knowledge crossing borders	♥		🏭		🚆		
High Tech Campus Eindhoven	♥				🚆	🤝	
Kennispark Twente Innovate & Accelerate	♥		🏭		🚆		◉
Leiden Bio Science Park	♥	🍎	🏭	💧			
TU Delft	♥		🏭	💧	🚆		◉
Utrecht Science Park	♥	🍎	🏭	💧		🤝	
Wageningen Campus	♥	🍎	🏭	💧			

Our Strengths

Science & Innovation Parks are not regular business parks, they have four distinctive core competences and values.

strong focus on R&D and knowledge intensive activities

client-based governance and living environment providing (international) companies, scientists and students excellent conditions

Strong reputation

active open innovation system, with shared research facilities, accelerating innovation on an international level

presence of several **anchor tenants** with an international reputation and network (research institutes, corporate companies)

Source: Buck Consultants International, 2016

Our Success Factors

Suitable buildings must be available at the park to accommodate companies in all development phases, from small offices in incubators to stand-alone single tenant buildings.

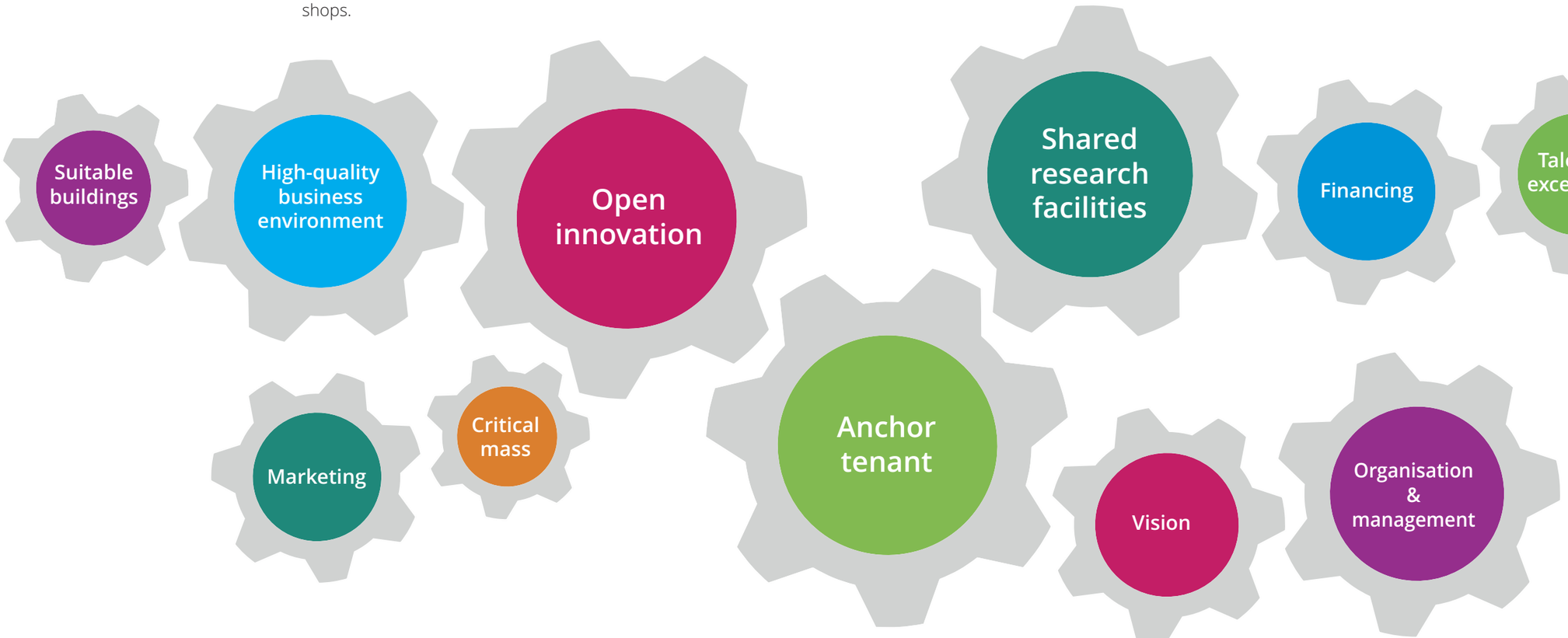
A high-quality business environment improves the attractiveness of a park. This could concern a landscaped environment, pleasant buildings, joint amenities and facilities, such as a cafeteria, gym, conference centre or small shops.

Transfer of know-how/**open innovation** is why companies want to be located close to each other: working together to develop faster and better ideas, while recognising each other's IP.

Shared research facilities help start-ups and SMEs by providing state-of-the-art facilities without huge investments. They are also often the kick-starter of cooperation between companies and researchers at the park.

A science and innovation park generates start-ups continuously. The vast majority need **financing** in various stages of their development. From seed financing to venture capital for international expansion.

Talent and excellence are key factors for the success of a research group or a company and obviously also for a science and innovation park as a whole.



Marketing of a Science & Innovation Park is necessary as competition is found across the globe. Getting the park on the radar of target companies is crucial to develop critical mass.

A Science & Innovation Park requires **critical mass** to become the place to be. More researchers and developers lead to more interaction and better chances of innovation success.

Presence of at least one large know-how & technology driven **anchor tenant** guarantees a continuous flow of ideas and new concepts, generated by students, PhD students, scientists, applied researchers and business developers.

In order to guarantee a prosperous Science & Innovation Park for decades, a strong **vision** on development, size, technology niches and facilities is necessary.

A dedicated park **organisation & management** is needed in order to make the other factors work.

Source: Buck Consultants International, 2016.

innovative products knowledge transfer increasing business

Amsterdam Science Park

Connecting Boundless Minds

Total building capacity:

400,000 m²

Area:

800,000 m²

Development space:

120,000 m²

Infrastructure

1 minute

Train station
Amsterdam Science Park
Within direct proximity

20 - 40 minutes

Airport
Amsterdam Airport Schiphol
20 min by car,
30 min by train
From Schiphol: more than
320 direct connections to
98 countries worldwide

5 minutes

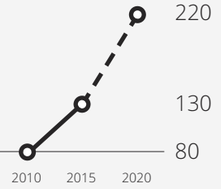
Motorway
Direct exit from A10 ring road
2.6 km ca. 5 min by car

Digital infrastructure
High quality
Direct proximity of internet exchanges ASM-IX and NL-IX:
80% of Europe can be reached in 50 milliseconds, free Wi-Fi throughout the park.

10 minutes

City centre
Amsterdam
10 min by train
15 min bike ride

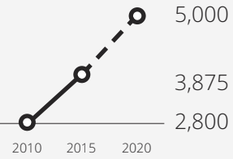
130 Companies



40 Start-ups
80 Small & Medium-sized Enterprises (excl. start-ups)
10 Corporate players

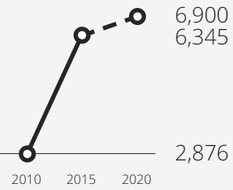
Unique Companies
AMS-IX, Equinix, Fokker Aerostructures, Tata Steel, Qualcomm, Agendia, Nikon Instruments, ASML, Telecity

3,875 Jobs



1,800 University of Amsterdam, Faculty of Science
800 Netherlands Organisation for Scientific Research (NWO)
1,275 Companies on site and in multi-tenant buildings

6,345 Students



5,515 University of Amsterdam, Faculty of Science
830 Amsterdam University College

of whom **817** international students

Building capacity

400,000 m² Total building capacity (GFA) Gross Floor Area
280,000 m² In use
120,000 m² Development space

Land lease: Yes, 50 years
Land ownership: University of Amsterdam, municipality of Amsterdam, Netherlands Organisation for Scientific Research (NWO)
Zoning plan: Amsterdam Science Park 2013 (updated)

Developments

€ 220 million

2010 - 2015
- Matrix VI Multi-Tenant-building with lab & office space
- Start new building Telecity datacentre
- Establishment of ARCNL
- Amsterdam University College (AUC)
- University Sports Centre

€ 350 million

2016 - 2020
- Opening Startup Village
- New building ARCNL & Nano Coating Center (Matrix VII)
- Opening new resident building with 152 mid prized houses
- Start HighTiff building SRON with state-of-the-art clean rooms
- Start new build hotel
- Extension Equinix Datacentre Tower
- Several Parking Buildings
- Opening Amsterdam Data Tower (Digital Realty)
- Chemistry College

Profile

Amsterdam Science Park (ASP) is located in the eastern part of the city. It has one of the largest concentrations of academic education and research facilities in Europe. It is a major hub for research, innovation and entrepreneurship thanks to its world-class research institutes, universities, and some 130 companies. As one of the most densely cabled locations in Europe, Amsterdam Science Park is presently home to more than 600 network hubs, including the largest data transport hub in the world, the AMS-IX, and offers excellent opportunities for ICT, life sciences, sustainable chemistry and advanced instrumentation.

Long-term vision
A long-term growth perspective for ASP in 2020 has been developed. The focus on long-term R&D and innovation collaboration with SMEs and global companies will be further developed and strengthened. Objectives include 50% employment growth among innovative high-tech companies, two to three additional Matrix buildings (multi-tenant) and the establishment of three foreign companies in the park.

Open Innovation Strategy

Amsterdam Science Park was established for the purpose of stimulating innovation. It is thus essential that knowledge and business are brought together, so that scientific knowledge can be translated into products, companies or medical treatment. Amsterdam Science Park has many facilities and initiatives for stimulating such knowledge valorisation. The research institutes at the Science Park have their own unique programmes and successful spin-offs. The University Innovation Exchange Amsterdam (IXA, the combined Technology Transfer Office of the University of Amsterdam, VU University Amsterdam and Amsterdam University of Applied Sciences) and the Amsterdam Center for Entrepreneurship (ACE) are also located at Amsterdam Science Park. All of these serve to encourage entrepreneurial spirit and innovation. The Matrix buildings of the Matrix Innovation Center have extensive state-of-the-art office facilities for start-ups. Because connecting and networking is essential, Amsterdam Science Park organises activities such as ACE Venture Lab Café, Open Business Days and the festive yearly Flux Festival (science community meets business community). Many events organised by research institutes and companies also take place, such as Super Computing Day organised by SURFsara.

World Class Research Institutes

- FOM Institute AMOLF
- CWI Dutch National Research Centre for Mathematics and Computer Science
- Nikhef National Institute for Subatomic Physics
- SURFsara Computing and Networking Services
- NLeSC Netherlands eScience Center
- UvA FNWI University of Amsterdam, Faculty of Science*
- AUC Amsterdam University College
- ARCNL Advanced Research Center for Nanolithography
- Qualcomm lab
- Qusoft Research Center for Quantum Software

*9 Spinoza Laureates and 4 Nobel Laureates

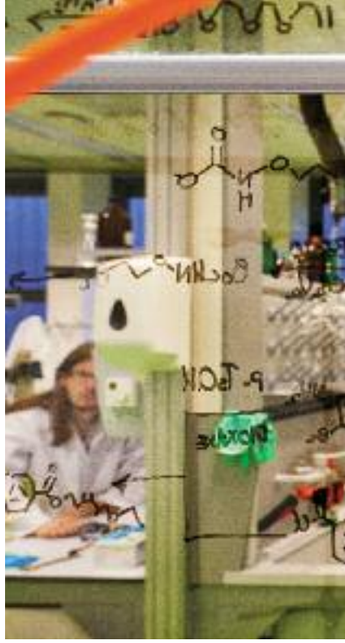
Shared R&D facilities

Besides various cleanrooms (from a.o. NIKHEF) and lab spaces (for rent and shared), there are different research facilities present such as E-Biolab, **Amsterdam nanoCenter** (materials fabrication), UvA Technology Centre, **NIKHEF cleanrooms,** Qualcomm research lab for machine learning and processing sensory data, Nikon Center of Excellence for Super Resolution Microscopy Development, **ultra-modern glasshouses** and SURFsara for high-quality ICT infrastructures.

R&D Focus

- **ICT, Big Data**
- **Green Life Sciences**
- **Advanced Instrumentation**
- **Sustainable Chemistry - Catalyze**
- **Nano Coating and Lithography**

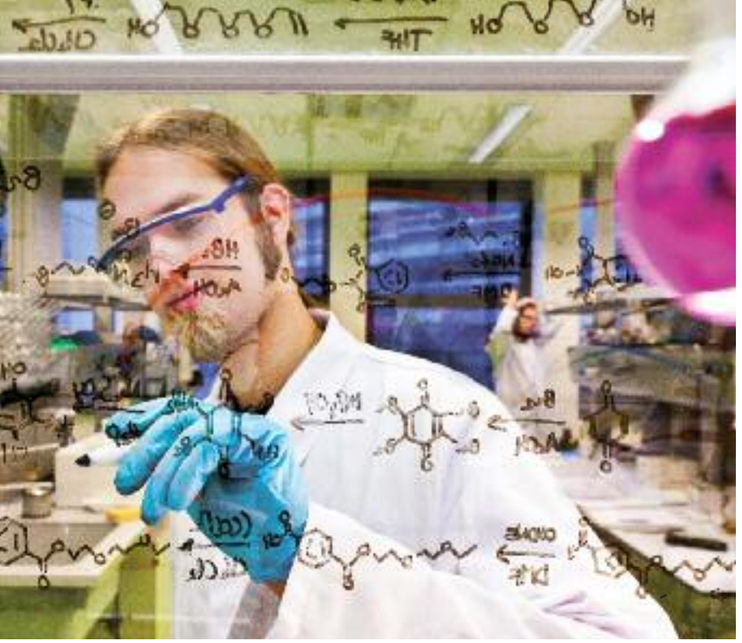
Ultra-modern glass houses, water-tight glass houses with excellent temperature regulation and control systems provide room for 'ordinary' research and research on genetically modified pathogens.



Matrix Innovation Center offers high value flexible office space and laboratories for approximately 100 of the 130 companies at Amsterdam Science Park. Keywords: flexibility, service and cooperation.

Amsterdam nanoCenter is a facility for materials fabrication and characterisation to provide state-of-the art opportunities in nano research.

Student housing Amsterdam University College houses in a prize winning faculty building. Students live on campus in a modern high-rise with great views of Amsterdam.



Nikhef: has a total of 13 cleanrooms up to class 1,000 with a surface area of up to 170 m². Several of these cleanrooms are equipped with highly accurate climate control.

Start-up facilities and programmes

The Amsterdam Centre for Entrepreneurship (ACE) provides education, research and the Venture Lab facilities to students, teachers, researchers and entrepreneurs with regard to entrepreneurship. ACE Venture Lab is a science-based incubator and actively supports students in building a successful science or tech-based company, at any stage. Innovation Lab Chemistry Amsterdam (ILCA) offers innovation support to start-up chemical companies, including a comprehensive package of services to enhance the growth of their businesses in an early stage.

Boasting the highest concentration of publicly funded research in the Netherlands, Amsterdam Science Park is currently home to eight University of Amsterdam research institutes.

Sustainability

Our policy

Amsterdam Science Park has the ambition to become one of the most sustainable science parks (2013 Energy Plan).

Our main objectives

- Shared electricity sources;
- Sustainable construction (climate-neutral technologies, green roofs) and public spaces;
- Improved energy efficiency;
- Charge points for electric cars.

Remarkable achievements

- Data-centre waste energy is used to heat lecture rooms and some student housing;
- Green roofs on several buildings.

Research

In January 2016 the innovation platform Amsterdam Green Campus was officially launched. In this regional platform, researchers, educational institutions and entrepreneurs collaborate on innovation and on educating talent within the food and flower sectors. To start with, Amsterdam Green Campus focuses on Green Genetics, Green Environment and Green Chemistry.

Community services & facilities

Facility buildings (shop, supermarket, foodservice)

4 restaurants and catering facilities (Restaurant Oerknal, Cafe Polder, Maslow, Meet&Eat, Spar Supermarket).

Leisure (sport, congress)

10,000 m² Universum Sports Centre, 3 conference facilities available at CWI (max. 1,200 persons), additional 2,500 m² congress facilities and 200 hotel rooms planned (2018).

Parking

- Paid parking at UVA site of the campus: 3 parking lots for ca. 500 cars
- Regulated parking around the NWO Institutes
- 250 public (paid) parking spaces

Park management

Site related services

Public space, waste, sweeping pavements, winter maintenance, maintenance green areas, security , free WIFI.

Building-related services

Various a.o. cleaning, reception services (building specific).

Governance

Campus ownership

University of Amsterdam, City of Amsterdam, Netherlands Organisation for Scientific Research (NWO).

Decision makers & decision-making process

The parties involved are the University of Amsterdam, City of Amsterdam and the Netherlands Organisation for Scientific Research (NWO). The landowner decides whether an investor may participate, with all investments in keeping with the zoning plan and focus of the Science Park. Any exceptions related to the zoning plan are decided upon by the City of Amsterdam.

Management

Amsterdam Science Park is managed bij the Science & Business Organisation. The three landowners have set up the Science & Business Organisation (S&B) to connect science with business. Amsterdam Science Park S&B is the first point of contact for investors, companies and industry in search of scientific knowledge and acts as an intermediary for the scientific partners.

Commitment

City of Amsterdam, University of Amsterdam, Netherlands Organisation for Scientific Research (NWO)

Buildings

Education and Research	-	**120,000 m²**
Company buildings		
• Incubator	2	**3,000 m²**
• Accelerator	1	**600 m²**
• Single-tenant	1	**3,200 m²**
• Multi-tenant: Matrix	5	**18,000 m²**
Student housing	450 units	

Contact

Amsterdam Science & Business Organisation

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Brightlands Chemelot Campus

The place to be for research, upscaling & business in chemistry and materials

Area:
216,000 m²

Building capacity:
200,000 m²

Development space:
125,000 m²

Infrastructure

20 minutes

Train station
Sittard Central
6 km – 20 min by car,
20 min by bus

5 - 50 minutes

Airport
Maastricht-Aachen Airport
Düsseldorf/ Cologne/ Brussels
11 km - 5 min by car,
50 min by bus

3 minutes

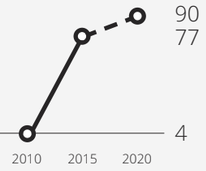
Motorway
A2 & A76
1.7 km - 3 min by car

Digital infrastructure
Fiber and Wi-Fi
Park fully broadband and Wi-Fi connected
Connected to Surfnet

15 - 40 minutes

City centre
Sittard / Maastricht
15 min by car, 40 min by bus

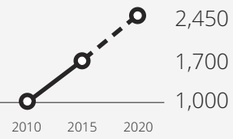
77 Companies



17 Start-ups
46 Small & Medium-sized Enterprises (excl. start-ups)
14 Corporate players

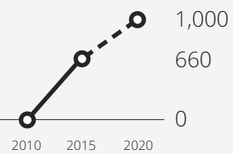
Unique Companies
DSM, SABIC, Arlanxeo, SAPPI, Yparex, Mitsubishi, Lydall, Pharmacell, Basic Pharma, Xilloc, Isobionics, Kriya Materials, Technoforce, Flowid and others

1,700 Jobs



100 Education / Institutes
1,500 Companies
100 Other

660 Students



310 University of Maastricht
300 Zuyd College
50 Vocational institutes Arcus and Leeuwenborgh
International students are half of the population

Building capacity

200,000 m² Total building capacity (GFA) Gross Floor Area
75,000 m² In use
125,000 m² Development space

Land lease: Land lease is not an option for tenants
Land ownership: DSM Nederlands bv, with exclusive exploitation rights for Brightlands Chemelot Campus
Zoning plan: Bestemmingsplan 'Chemelot' (2014)

Developments

€ 250 million

2010 - 2015
The campus, formerly owned by DSM (until 2012), is being completely revamped and renewed. A total of € 250 million has been invested to construct new buildings, renovate old ones and to restructure the park in order to realise state-of-the-art facilities. Developments follow the Buck model, with investments in R&D facilities, public-private knowledge institutes, education institutes on campus and a start-up ecosystem.

€ 150 million

2016 - 2020
For the anticipated growth in number of tenants, jobs and students, there is sufficient land available to accommodate growth until 2020. A total of ca. 150 M€ will be invested to construct new labs, pilot plants and cleanroom facilities. For further growth beyond 2020 arrangements are currently being made to enlarge the total development area of the campus.

Profile

Brightlands Chemelot Campus is a world-leading innovation location and home to a vibrant and fast-growing open community of ground-breaking companies, educational organisations and knowledge institutes in the fields of performance materials, biomedical materials, sustainable process technologies, and biobased chemicals and materials. It offers state-of-the-art R&D, upscaling and manufacturing infrastructure for chemical processes, material processing and cleanrooms, on-campus education and science-oriented business support, venture capital and business development services. Together with the other Brightlands locations it is working on solutions for global grand challenges, such as regenerative medicine within the Medical Health Axis Europe. With its location, ecosystem, facilities, and widely available expertise and knowledge, Brightlands Chemelot Campus is a unique location for innovative start-ups and corporations, forward-thinking knowledge institutes, daring entrepreneurs, brilliant researchers, talented students and visionary investors.

Long-term vision
The aim is to work towards becoming the place to be regarding smart and sustainable materials and chemical processes in a wide range of application areas in order to contribute to the global challenges on sustainability and health.

Open Innovation Strategy

Value creation (turning knowledge into value) is one of Brightlands' primary competences. Brightlands Chemelot Campus has a team of business developers to support entrepreneurs as they start new businesses based on proprietary or third-party intellectual property. As an innovation hotspot, the campus is home to a vibrant and fast-growing open community of ground-breaking and world-leading companies and knowledge institutes. Facilities include the latest R&D, and upscaling and manufacturing infrastructures.
World-renowned companies, SMEs and smart start-ups are creating the most successful and innovative community of its kind in Europe. All this is taking place in an environment that encourages like-minded researchers and entrepreneurs to share knowledge and leverage open innovation to accelerate the development of new products and product applications.

World Class Research Institutes

- Aachen Maastricht Institute for Biobased Materials in close cooperation with RWTH Aachen and Maastricht University (AMI-BM)
- Chemelot Institute for Science and Technology in close cooperation with Maastricht University, Maastricht University Medical Center, Eindhoven University of Technology and DSM (Chemelot InSciTe)
- Brightlands Materials Center in corporation with TNO (BMC)
- Enabling Technologies (analytic infrastructure)

R&D Focus

- **Materials**
  - High-performance materials, a.o. polymers for use in automotive housing, E&E, packaging and coatings.
  - Material Processing: a.o. extrusion, 3D-printing
- **Chemistry and process technology**
  - Advanced Synthesis, route scouting, catalysis
  - Bio-based chemicals & materials: building blocks, polymers and materials; processes to scale up and produce.
- **Life Sciences**
  - Biomedical materials: regenerative medicine, tissue engineering, drug delivery systems, medical coatings and implants
  - Cell therapies

Shared R&D facilities

Multipurpose manufacturing facility for regenerative medicine

The first step in Brightlands' planned Regeneration Street #1 is a fully equipped and serviced building that offers 2,400 square metres of general floor space and 750 square metres of clean room facilities. The facility's innovative architecture supports set-up and scalability and is open to ATMP manufacturing companies, research institutes, and startups in regenerative medicine and tissue engineering.

3D Printing Materials Center

This center for the development of 3D printing materials has been developed to assist companies that have questions about the application of different materials for 3D printing and to be able to develop new performance materials suitable for the 3D printing techniques. As well as a full functioning production unit for 3D printed parts for industry (e.g. aerospace).

Pilot plant and mini plant facilities

Pilot and mini-plant facilities provide a crucial service to SMEs and large businesses by offering an R&D infrastructure to test and upscale new processes for potential applications and producing pre-marketing materials (commercial perspective). Brightlands Chemelot Campus experiences a huge interest of various organizations for this area. Plans for further expanding this area of activities are being developed.

Analytical Infrastructure

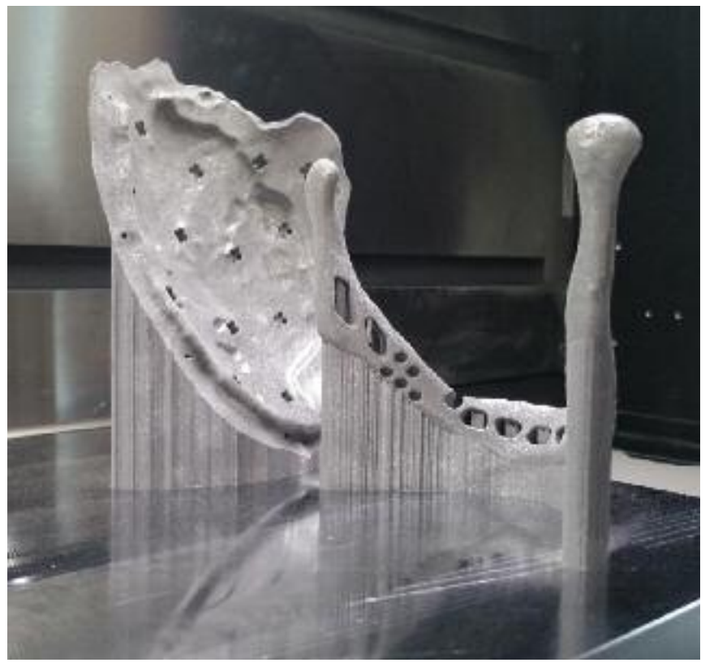
Advanced Analytical Infrastructure is provided by Enabling Technologies bv both at the Brightlands Chemelot Campus and Brightlands Maastricht Health Campus. Amongst others: electron and advanced light microscopies, mass spectrometry imaging, X-ray technologies and high-end NMR instrumentation. Close cooperation with the M4I Imaging Center at Brightlands Maastricht Health Campus.

R&D labs and offices

Furthermore Brightlands Chemelot Campus offers a wide variety of custom accommodation, such as laboratories and clean rooms, stores and warehouses, halls for semi-production set-ups, and offices. By end of 2016, also specific housing for startups will be available.

Helicopter view of the Brightlands Chemelot Campus facilities

Advanced X-ray R&D facilities of Enabling Technologies.



3D printed jaw implants for a specific patient with a jaw defect. Printed by Xilloc Medical bv, one of the successful SME companies at Brightlands Chemelot Campus.

Start-up facilities and programmes

There are incubators and accelerators, including a fully equipped programme to set up and support the development of innovative ideas of starters and to foster start-up companies (Brightlands Innovation Factory). The support is both in knowledge and in venture capital (Chemelot Ventures). By late 2016, a specific facility will also be available for start-ups, with an open-office environment, small offices and lab facilities.

Education & talents

Brightlands Chemelot Campus has all the resources to provide a challenging learning environment for students and professionals. Brightlands offers accredited and attractive scientific and practice-oriented programmes and courses in chemicals, performance materials, and health and life science. This is managed by CHILL (Chemelot Innovation and Learning Labs) and the Brightlands Chemelot Campus organisation.

Sustainability

Our policy

The buildings and facilities on Brightlands Chemelot Campus have to fulfil the latest standards with regard to sustainability. Although we do not see added value in officially certifying according to the BREAAM norms, we aim at BREAAM level Excellent if economically possible (at least Very Good).

Brightlands Chemelot Campus is located at the Chemelot Site. The ambition for this site is to become Western-Europe's most sustainable chemical site in 2025. In this context, Brightlands Chemelot Campus is using residual energy from the Chemelot Industrial Park for heating the buildings on the campus.

Even more importantly, from a content point of view sustainability is part of our scientific institutes and one of the most important drivers in the research programmes (AMI-BM on biobased materials, InSciTe on biobased building blocks and Brightlands Materials Center on light-weight automotive, recycling and coatings for solar cells and iinsulation purposes.

Our main objectives

- developing real assets with a lower carbon footprint (aiming at attaining BREAAM level 'Excellent', at least 'Very Good');
- developing new concepts for a circular economy in the scientific institutes at Brightlands Chemelot Campus.

Remarkable sustainability objectives/achievements

Over the last five years, the energy consumption per m^2 building floor space has dropped by about 30%.

Community services & facilities

Center Court is the heart of the campus with its Campus restaurant, coffee corner, Grand Café, conference rooms, auditorium and sports facilities. Brightlands Chemelot Campus offers facilities for seminars and network meetings. Campus services are available for tenant companies as well as their employees and aim to improve collective working conditions that strengthen the campus community.

Leisure

Brightlands Chemelot Campus provides sports facilities and vitality programmes such as BtheMove, a service on campus for the tenants. The surrounding area, known as the Euregion, is famous for its wide range of leisure activities.

Parking

The Campus uses a mix of parking facilities including parking lots and multi-story car parks.

Park management

Site related services

The Service Boulevard provides access to services at Brightlands Chemelot Campus. It offers a range of essential support and business services. These are provided by the campus organisation itself, the companies located there, or by other members of the Service Boulevard network. Other services include accounting, car rental, legal support, HR services, hotel accommodation, logistics, moving and storage, cleaning and more. These are integrated in Chemelot Campus BV.

Building-related services

Brightlands Chemelot Campus offers a full package of services such as maintenance, Internet provision, printing, cleaning, waste treatment, special supplies etc. The duty officers can provide 24/7 supervision services for R&D installations.

Governance

Campus ownership

DSM, Maastricht University and the Province of Limburg are the shareholders of Brightlands Chemelot Campus, each with a 33.3% share.

Decision makers & decision-making process

The CEO of Brightlands Chemelot Campus is responsible for the decision-making process, making proposals to the supervisory board and the shareholder meeting.
On campus the tenants are represented in a community board, comprising a representation of the corporations, SMEs and academic organisations present on campus.

Here, general policies, such as with respect to safety, are discussed, as well as any decisions concerning the tenants.

Management

Chemelot Campus BV is led by a management team comprising a CEO, CFO, COO, the Business Development and Marketing director and the Asset Development director. Chemelot Campus BV consists of a team of some 60 employees managing all aspects of the Brightlands Chemelot Campus.
Chemelot Campus BV manages several affiliated entities.

Commitment

Brightlands Chemelot Campus is a private limited company (b.v.: *besloten vennootschap*), with 33.3% of its shares being held by each of the following parties: DSM Nederland BV, Maastricht University via UM Holding BV, and Province of Limburg via Chemelot Participaties BV. The shareholders have agreed to a ten-year no-exit clause and a twenty-year no-dividend policy.

Buildings

Company buildings

• Incubator	1	**1,700m²**
• Accelerator	1	**7,000m²**
• Single-tenant	14	**35,000m²**
• Multi-tenant: Matrix	27	**24,647m²**

*Housing on Brightlands Chemelot Campus is not allowed as this campus is part of the larger Chemelot Industrial Site.

Contact

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HIGH TECH CAMPUS
EINDHOVEN

High Tech Campus Eindhoven

Turning Technology into Business
The smartest square km in Europe!

Area:
1,010,000 m²

Building capacity:
405,000 m²

Development space:
105,000 m²

Infrastructure

25 minutes
Train station
Eindhoven Central
5 km - 25 min by bus

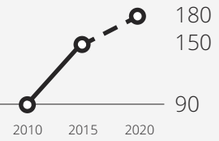
10 - 50 minutes
Airport
Eindhoven Airport
10 km - 15 min by car,
50 min by bus

1 minute
Motorway
A2 - N2
Direct access

Digital infrastructure
Wi-Fi network

10 - 25 minutes
City centre
Eindhoven
10 min by car, 25 min by bus

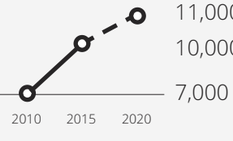
150 Companies



55 Start-ups
30 Small & Medium-sized Enterprises (excl. start-ups)
65 Corporate players

Unique Companies
- Philips
- NXP
- IBM
- Intel
- ABB
- Teledyne DALSA Inc.

10,000 Jobs



500 Education / Institutes
9,500 Companies

Building capacity

405,000 m² Total building capacity (GFA) Gross Floor Area
300,000 m² In use
105,000 m² (re)development space

Land lease: Available / in consultation
Land ownership: Ramphastos Investments
Zoning plan: Bestemmingsplan HTC (2012)

Developments

2010 - 2015
High Tech Campus Eindhoven facilitated the housing of the headquarters of Philips Lighting. We also did the rebuilding for EIT Digital. A new parking garage was constructed. Buildings were developed for KPN Datacenter and Brunel.

2015 - 2020
We are developing the Smart Industry Hub for use by high-tech companies, specially designed for our target groups. A building for the European headquarters of Shimano will be operational in February 2017. The company also needs an extra parking garage, which will be ready at the end of 2016.

New development plans
- Single-tenant buildings for dedicated customers
- Multi-tenant buildings at risk for multiple customers in the high-tech industry

Profile

High Tech Campus Eindhoven (HTCE) is the smartest square kilometre in Europe. More than 10,000 researchers, developers and entrepreneurs are working at over 145 companies and institutes on developing future technologies and products. They are part of a unique and vibrant ecosystem of established global brands, leading research institutes, fast-growing enterprises, high-tech start-ups and service companies. Located at the heart of the Brainport region, campus companies are responsible for nearly 40% of all Dutch patent applications.

Long-term vision
The Campus will grow to number 14,000–15,000 employees in the coming years by attracting new corporate players, SMEs and start-ups within the R&D focus areas. In addition, the Campus intends to strengthen and help grow the existing SMEs and start-ups. Health, energy and smart environments will remain the main R&D focus areas.

Open Innovation Strategy

Each company at High Tech Campus Eindhoven shares a common goal: developing new technologies and applications that help solve social problems and challenges, and successfully bringing these to the market. At the campus, fast innovation and business development are supported by R&D facilities, collaborative efforts for developing new technologies, IT and HRM support, patent agencies and close connections with investor networks. Researchers, developers and entrepreneurs can join existing international networks and innovation projects, led by leading R&D institutes. Business people can easily join the international networks which are incorporated into these projects. This accelerates the time-to-market for new technologies and helps high-tech entrepreneurs to achieve their goals rapidly.

World Class Research Institutes

- Holst Centre: Open Innovation by imec and TNO in the fields of wireless autonomous sensor technologies and flexible electronics.
- Solliance: Where research and industry join forces in the field of thin film PV.
- EIT Digital: An ecosystem of universities, research institutes, companies, valorisation centres and SME associations.
- ITEA 3: The EUREKA Cluster programme supporting innovative, industry-driven, pre-competitive R&D projects in the area of Software-intensive Systems & Services (SiSS).
- Eindhoven University of Technology Where Innovation Starts Our focus: Energy, Health, Smart Mobility.
- Solar Energy Application Center (SEAC) An independent research organisation that was founded in 2012 on the initiative of ECN, TNO and Holland Solar.

Shared R&D facilities

- Philips Innovation Services
  Instant access to 10,000 m^2 of facilities: multi-purpose labs & clean rooms and more than 15,000 instruments for hire and 3,500 m^2 pilot factory.
- Philips Innovation Labs
  Five ready-to-use expert labs: Electromagnetic Compatibility & Wireless Connectivity Lab, Electronic Design Services Lab, Material Analysis lab, Reliability Lab, Prototyping Lab.
- Open research programmes at our institutes.

R&D Focus

The Campus is one of the world's most important High Tech Hubs. Here, you have instant access to the all the required knowledge, partners and talent, brought together in a lively cluster of international corporations, start-ups and research institutes. This makes High Tech Campus Eindhoven an incubator for economic activity and innovation in the fields of

- **Health**
- **Energy**
- **Smart Environments.**

Product prototyping: a full range of production facilities for electronics as well as mechanical products, including extensive support for product certification.

Parking garage: multi-storey car parks and two terrains in the green, park-like character of the site.

Conference Center High Tech Campus hosts more than 500 events per year. You will find state-of-the-art meeting spaces and amenities, indoors and outside.

Business Centres Beta Mu: breeding ground for new business.

HighTechXL Accelerator: the programme is conceived to fast-forward an early-stage hardware start-ups' market entry. It covers all phases from prototype to market.

Start-up facilities and programmes

HighTechXL Accelerator
HighTechXL's 6-month accelerator programme is conceived to fast-forward an early-stage hardware startup's market entry. It covers all phases from prototype to market.

HighTechXL Plaza
Is an incubator hub for high potential high-tech start-ups in their early and late growth stage working towards scaling up their business.

Business Centres Beta, Mu
These centres are are intended as a breeding ground for new business. They offer professional business accommodation with facilities to boost the success rate and quality of small companies.

Campus Partner Programme (soft-landing)
Kick-start your high-tech ambitions and contact the Campus for a special partnership offer. In a trial period of just two months, the Campus Partner Programme will arrange a unique, full-service intensive introduction programme for international companies by providing a free workplace and connecting them to all relevant parties in the successful Open Innovation network.

Events and Networking
Find partners, clients, funders and new ideas at the several tech events and meet-ups across the Campus, like Campus Technology Seminars, Campus Industry Connection meetings and Open Lectures together with the Eindhoven University of Technology.

Sustainability

Our policy
The green, park-like character of the site makes High Tech Campus Eindhoven a pleasant working environment. This also reflects the focus of the Campus on sustainable and environmentally-friendly business practices. Since its establishment, High Tech Campus Eindhoven has been cooperating with environmental organisations, national authorities and other dedicated organisations, to encourage sustainable and responsible behaviour.

Our main objectives
- To conduct the Landscape management with ecological means.
- To design the Campus around sustainability from the ground up.
- Energy is key (energy consumption is a major concern).
- To Increase the percentage of 'green travellers'.
- To engage the Campus Community.
- To develop sustainable technological solutions for the future.

Remarkable sustainability achievements
- The usage of a large-scale cold-and-heat storage system (CHO).
- LED lighting is used in car parks.
- We have sustainable real estate (BREAAM level: very good / excellent).
- The highest density of e-charging poles in the Netherlands.
- The introduction of 125 Campus bikes.
- Our own Campus Community Garden.
- Use of cows and sheep at the Campus.

Community services & facilities
All social facilities are brought together in The Strip: 8 different restaurant concepts, a conference centre with auditorium, a range of shops and services (supermarket, hairdresser, bank, insurance company), and the Campus Wellness Center. Residents and visitors to the Campus meet at The Strip every day, for lunch, an intensive workout or during one of the many network meetings, concerts or technical conferences.
The Strip is the centre for meetings, inspiration and creativity.

Leisure
Both Indoor & Outdoor (football, tennis, volleyball, basketball, cricket) sports facilities are available.

Every year the Campus hosts about 500 events. There are social events such as sport tournaments, the Pubquiz and NLP Café but mostly technical conferences and network meetings. A large number of these events is organised by the Campus (community) itself.

Parking
- >6,000 parking spaces
- nine multi-storey car parks and two terrains

Park management
Site-related services
General maintenance of the site, safety and security, ICT, infrastructure and parking services are managed by HTCE Site Management B.V.

Building-related services
Facility management, reception, copy/print, cleaning/waste and vending services (hard & soft) are managed by HTCE Site Management B.V.

Governance
Campus ownership
Ramphastos Investments

Decision makers/ process
- Ramphastos Investments: contracts
- HTCE Campus Site Management BV: initial contact interested companies

Management
HTCE Campus Site Management BV

Commitment
Ramphastos Investments, Municipality of Eindhoven, Brainport Eindhoven, Eindhoven University of Technology, BOM, Province of Brabant.

Buildings

Education and Research	10	**ca. 12,500 m²**
Company buildings	44	
• Incubator	2	**10,000 m²**
• Accelerator	2	**2,500 m²**

Contact

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Kennispark Twente
Innovate & Accelerate

Kennispark Twente

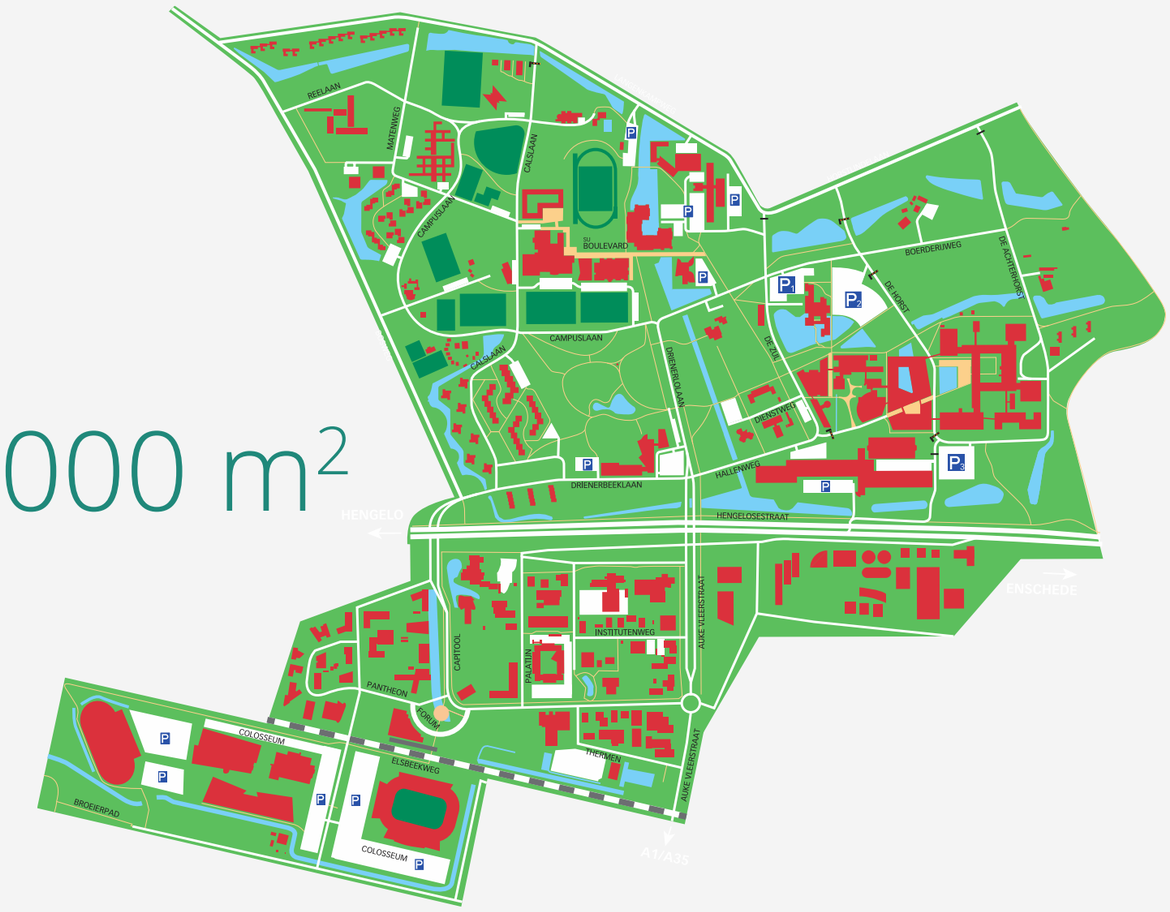
Innovate & Accelerate

Area:

1,800,000 m²

Building capacity:

350,000 m²



Development space:

100,000 m²

Infrastructure

Train station
1 - 15 minutes
Enschede Central
3 km - 15 min by bus
Enschede Kennispark
Within direct proximity

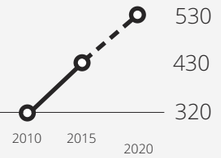
Airport
60 - 135 minutes
Münster-Osnabrück
87 km - 1 hr by car
Schiphol Amsterdam
170 km - 1hr 35 min by car,
2 hr 15 min by train

Motorway
5 minutes
A35
5 km - 5 min by car

Digital infrastructure
Fiber and Wi-Fi
Park fully broadband and Wi-Fi serviced

City centre
5 - 15 minutes
Enschede
5 min by train, 10 min by bus,
15 min by bicycle, 10 min by car

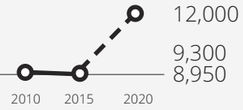
430 Companies



100 Start-ups
320 Small & Medium-sized Enterprises (excl. start-ups)
10 Corporate players

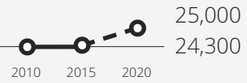
Unique Companies
Xsense, Demcon, Sigmax, Kite Robotics, Undagrid, Lionix, Clear Flight Solutions, SciSports, Ipsum.

9,300 Jobs



3,000 Education / Institutes
6,300 Companies

24,300 Students



14,700 Higher Education (Saxion Hogeschool)
9,600 University (UTwente)

of whom **4,300** international students

Building capacity

350,000 m² Total building capacity (GFA) Gross Floor Area
250,000 m² In use
100,000 m² Development space

Land lease: Not available
Land ownership: Municipality of Enschede, University, various private parties
Zoning plan: BP Kennispark Twente 2013

Developments

€ 95 million

2010 - 2015

- Upgrading Hengelosestraat
- Upgrading Auke vleerstraat
- Upgrading University entrance
- Transformation of station area
- The Gallery I

€ 100 million

2016 - 2020

- The Gallery II
- Sanderink Technology Centre
- Hogekamp building
- Innovatiepath for slow traffic
- Entrepreneurial eco-systems
- Launching customership: Innovation apllied in area development of a living smart campus

Profile

The innovation campus Kennispark Twente in Enschede is a dynamic location where over four hundred companies work on developments and innovations that make a difference. It is a location with a hospitable and established climate for entrepreneurs, which provides opportunities for development and growth of companies active in the high-tech systems & materials sector. The campus is second largest in terms of commercial jobs, with 6,300 people working at Kennispark Twente in Enschede, excluding the 3,000 academic staff members at the University of Twente.

Long-term vision
Kennispark Twente is set to grow into a knowledge-based campus with a unique mix of knowledge-intensive economic functions and academic networks, focusing on personal development, challenge and growth. Knowledge is a mainstay of the University of Twente, currently further strengthening its profile as an entrepreneurial university. The region of Twente continues to be an attractive location for innovative businesses. Kennispark Twente aims to be a meeting point for European top-class knowledge, technology and innovative businesses.

Open Innovation Strategy

In Twente, sharing expertise and cooperative innovation speaks for itself. It springs from the conviction that this will lead to new possibilities, concepts and products. It helps companies to find their competitive advantage and to stay ahead of the competition. Innovating together means arriving more quickly at an intended result and being able to focus on the demands and desires of the end-user and/or customer. Shortening the time to market introduction and increasing profit on a particular product – these are the metrics that really count at the end of the day. Both companies and knowledge institutes in Twente play a strong role in this regard. Together with industrial partners, Kennispark Twente is working on roadmaps: what should Twente invest in in the coming years in terms of technology and knowledge development?

World Class Research Institutes

- CTIT: ICT Research in Context
- IGS: Institute for Innovation and Governance Studies
- ITC: Geo-Information Science and Earth Observation
- MESA+: Institute for Nanotechnology
- MIRA: Institute for Biomedical Technology and Technical Medicine
- SBE: Science Based Engineering

R&D Focus

The focus is on technological developments with a high social relevance: High Tech – Human Touch.

- **Smart Materials**
  thermoplastic composites, membranes, smart & functional materials, (bio)polymers, surface treatment
- **Connected Systems**
  sensors, embedded systems, architectures, ICT
- **Nanotechnology**
  lab-on-a-chip (micro fluids), photonics, nano electronics
- **Advanced manufacturing**
  additive manufacturing, mechatronics & robotics, semiconductors

These technological developments have relevance for various domains where they may be applied, such as energy, safety, health, water management and infrastructure.

Shared R&D facilities

Kennispark Twente has several open innovation centres and platforms to develop and share knowledge related to high-tech systems and materials, for example OICAM (Open Innovation Center Advanced Materials), TPRC (ThermoPlastic Composites Research Centre), Texperium (recycling textiles), Laser Application Centre, Pioneering (construction technology). In addition several R&D facilities are available that are open to both companies and universities, for example High Tech Factory, Design Lab, Fablab, Nanolab, T-XChange and Twente Safety Campus.

High Tech Factory
Production facility for companies in micro- and nanotechnology.

Thermoplastic Composites Research Centre
Open innovation around thermoplastic composites.

Fablab Enschede
Special equipment such as a 3D printer for prototyping.

OICAM
Applied sustainable innovations in advanced materials.

Pioneering
platform for innovation in the construction industry.

Design lab
Creative and cross-disciplinary lab connecting science and society.

Robotics
Robot technology for various service applications.

High Tech Factory production facility for companies in micro- and nanotechnology.

Nanolab: 1,250 m² state-of-the-art clean room, analysis facilities and BioNanoLab.

Fablab Enschede special equipment such as a 3D printer for prototyping.

Events for sharing knowledge and skills.

OICAM: applied sustainable innovations in advanced materials.

Kennispark Twente: the innovation campus with the University of Twente and many innovative companies and facilities.

Start-up facilities and programmes

The business climate in Twente has traditionally been based on daring, a pioneering spirit and vision. Several facilities and programmes are available to encourage those starting their own business:

- The TOP programme offers coaching and financing for start-ups.
- The Legal Advice Center Centre offers adviceon the legal aspects of starting a new business.
- Access is available to financing possibilities of various origin, such as the Innovation Fund Overijssel, Cottonwood, and a network of informal investors.
- There is workspace available near to innovative companies.
- Many events for sharing knowledge and skills on entrepreneurship are organised, such as the Start-up Fest.

Sustainability

Our policy

In addition to innovation, sustainability is one of the core criteria for every development on the campus. Sustainability must lead to environmental and economic benefits. With its high-tech and research-related companies and institutions, Kennispark Twente is suitable for the application of innovative sustainable solutions. It comprises a realistic laboratory where new techniques can be tested and implemented, for example energy minimisation, climate and ventilation, day lighting, green roofs, sustainable materials, et cetera. Sustainable real estate, common areas and events are used as a statement to make knowledge and solutions visible to the public.

Our main objectives

Environmental benefits

- reduced energy use: energy positive
- reduced material inputs
- increased recycling and re-use of materials, components and products
- reduced environmental waste and emissions

Economic benefits

- generation of additional revenue for economic players, cost benefits (energy, materials, waste management, compliance with environmental legislation)
- reduced market dependence on non-renewable and imported resources
- businesses gain a competitive edge on the growing green market
- improved public image of each company and of the park as a whole.

Remarkable sustainability objects/achievements

- The Living Lab Smart Grid provides rich information about devices and building energy use as input for development and optimisation of new concepts, services and products for smart-grid solutions.
- A cold and heat storage system (located in the pond) is in use.
- Solar panels have been widely installed.
- There is an energy-neutral road.

Community services & facilities

Kennispark Twente offers

- Full package of facilities, like The Gallery, Waaier, various restaurants, shops, meeting places et cetera.
- Full programme for all inhabitants (cultural, sports, business) and several 250+ events annually for innovation & entrepreneurship, partner of Start-up Fest.

Leisure (sport, congress)

Soccer, movie theatre, sport facilities, cultural performances, concerts and exhibitions, conference facilities, hotel.

Parking

4,500 free parking spaces

Park management

Site-related services

There is a joint security contract and joint general maintenance, with further services being developed. Such services are provided by the municipality of Enschede, in cooperation with the Kennispark Employers' Association.

Building-related services

There are eight serviced incubators, all with facility management, reception, cleaning/waste services, copy & print facilities, etc. These are operated by various partners.

Governance

Campus ownership

Municipality of Enschede, University, private parties

Decision makers & decision-making process

These include the municipality of Enschede, University of Twente, private parties and NFIA/OostNV for initial contact with interested companies and contracts. Kennispark Twente conducts a profile assessment of any interested companies.

Management

Kennispark Twente

Commitment

University of Twente, the municipality of Enschede, the Twente Regional Authority, the Province of Overijssel and Saxion University of Applied Sciences.

Buildings

Education and Research	**200,000 m²**
Company buildings	
• Incubator/Accelerator	**25,000 m²**
• Single-tenant	**80,000 m²**
• Multi-tenant: Matrix	**25,000 m²**
Housing (students)	2,095 units

Contact

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LEIDEN BIO SCIENCE PARK

Leiden Bio Science Park

The largest life sciences cluster in the Netherlands

Infrastructure

1 minute

Train station
Leiden Central Station
Within direct proximity

15 – 20 minutes

Airport
Schiphol Amsterdam Airport
20 km ca. 20 min by car,
ca. 15 - 20 min by train
From Schiphol: more than
320 direct connections to
98 countriesworld wide

5 minutes

Motorway
A44 within direct proximity
A4 6 km - 10 min by car

Digital infrastructure
Connected to Leiden
Infrastructure Hub (Leidse
Infrastructuur Bundeling)

10 minutes

City centre
Within walking distance

Building capacity:

2,700,000 m²

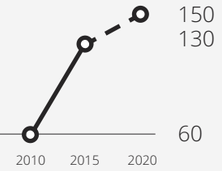
Area:

1,200,000 m²

Development space:

1,000,000 m²

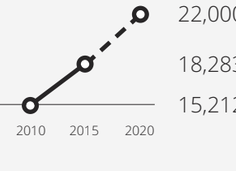
130 Companies



35 Start-ups
80 Small & Medium-sized Enterprises (excl. start-ups)
15 Corporate players

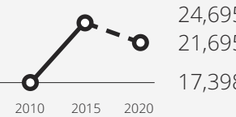
Unique Companies
- Astellas
- Biomarin
- Janssen IDV / Janssen Biologics (both Johnson & Johnson companies)
- Galapagos
- ProQr
- Avery Dennison
- Thermo Fisher Scientific
- Eurofins

18,283 Jobs



3,658 Education: Uni. Leiden, Voc.Edu., Univ.of ApplSc.
7,111 Leiden University Medical Centre
5,642 Companies (life sciences related)
1,872 Other

24,695 Students



7,323 University of Leiden
2,557 Leiden University Medical Centre
9,815 Leiden University of Applied Sciences
5,000 Secondary vocational education

of whom **1,500** international students

Building capacity

2,700,000 m² Total building capacity (GFA) Gross Floor Area
1,700,000 m² Real estate space in use
1,000,000 m² Development space

Land lease: Yes, 40-50 yrs
Land ownership: University of Leiden, municipality of Leiden, LUMC
Zoning plan:
'Leiden Bio Science Park en Station' (municipality Leiden, 2014)
Boerhaave – Sylvius (municipality Leiden, 2010)
'Nieuw Rhijngeest-Zuid (municipality Oegstgeest, 2015)
Upcoming: Gorleaus Masterplan (municipality Leiden, dec. 2016)

Developments

€ 175 million

2010 - 2015
- New buildings: CHDR, Avery Dennison, Beagle Zernike, BioPartner Centre 2, GGZ Rivierduinen, Hilton Garden Inn, Astellas
- Biotech Training Facility
- Level Building including ROC Leiden, 2 hotels, wellness facilities, restaurants, office space and a Business Centre
- New sports facility and sports fields Leiden University

€ 300 million

2016 - 2020
- Beta Campus Leiden University
- Four planned multi-tenant lab/offices buildings
- New parking structure
- Expansion of two companies (names confidential)
- New facility for the precision mechanics vocational college LiS (Leidse instrumentenmakers School)
- Leeuwenhoek Park, Schilperoort Park and re-opening of Grand Café De Stal
- New building for Naturalis Biodiversity Center

Profile

Leiden Bio Science Park is the leading life sciences and health cluster in the Netherlands. It is a mature science cluster with over 130 companies, home to drug development companies in all phases of the value chain, and to a number of renowned academic R&D institutes of Leiden University and Leiden University Medical Center (LUMC). The park is dedicated to early drug development, the development of advanced therapies, and to personalised medicine in combination with diagnostics. It also hosts med-tech companies, drug development services companies and dedicated business services. Two out of five of the Dutch listed biotech companies are based in Leiden. Recently, Galapagos has been promoted to the AEX index at NYSE Euronext in Amsterdam, while ProQR is now listed on NASDAQ. There is a wide range of institutions that provide life science education in the park, from vocational to academic levels. The park is also home to two world-class museums dedicated to life sciences: Naturalis Biodiversity Center and CORPUS Experience.

Long-term vision
The Leiden Bio Science Park 2025 Vision describes the growth path in terms of new buildings (incl. services, housing, company buildings), infrastructure and expansion plans. Employment is set to increase to 25,000 by 2025.

Open Innovation Strategy

Open innovation is essential and driven by the motto 'collaboration is key to excellence'. Companies and academia together invent, describe, screen, test, develop, produce and apply the medical treatment of today and tomorrow. The people involved make matters work and are the key to open innovation. In order to facilitate interaction, encourage collaboration and stimulate open innovation, we organise countless meetings, formal and informal gatherings, partnering events and various social activities. Providing valorisation knowledge support to business models and providing a nurturing environment are key aspects of the park. The valorisation of Leiden University and LUMC research is managed by Luris, dedicated to knowledge partnering between academia and industry. Luris stimulates academic entrepreneurship and offers legal support and assistance in finding the right research funding. The vibrant business community, top-of-the-line research, excellent facilities, business support and the commitment of government bodies make Leiden Bio Science Park the ideal location for businesses to flourish.

World Class Research Institutes

- Leiden Academic Centre for Drug Research (LACDR)
- Leiden Institute for Brain and Cognition
- Leyden Academy on Vitality and Ageing
- BioMedical Metabolomics Facility Leiden (BMFL)
- Naturalis Biodiversity Center
- Cell Observatory (institute for cell research)
- NeCEN (Netherlands Centre for Electron Nanoscopy with two of the most advanced cryo-transmission electron microscopes in the world)
- Clinical Trials Unit (part of the European Group for blood and marrow transplantation)
- TNO (Dutch organisation for applied research (Prevention, Health & Pharma)
- CHDR (Center for Human Drug Research – clinical studies, funding & training programmes)
- Clinical Trials Unit (part of the European Group for blood and marrow transplantation)
- CPM (Center for Proteomics and Metabolomics)
- DNA Market point (biology institute)
- Leiden Genome Technology Center (LGTC)
- Gorter Center (MRI centre)
- Ultra-high field NMR facility

Shared R&D facilities

Open Access Research Infrastructure (OARI) Leiden Bio Science Park provides access to instruments and expertise. On this website you can find information about the research infrastructure that Leiden University and Naturalis Biodiversity Center can provide. The state-of-the-art analytical instruments and related expertise are accessible to all interested parties. (www.oari.science.leidenuniv.nl)

Biotech Training Facility (BTF) is a production centre where pharmaceutical training is given in a real-life environment. It can be used as a pilot plant for testing equipment and processes. BTF is completely equipped with clean rooms, laboratories and a technical area full of state-of-the-art, easily accessible utilities.

R&D Focus

- **Brain (dys)function**
- **Vascular and Regenerative Medicine**
- **Immunity, Infection and Tolerance**
- **Translational Neuroscience**
- **Cancer Pathogenesis and Therapy**
- **Aging; Health, Prevention and the Human Life Cycle**

The more than 30 years of history of Leiden Bio Science Park fuelled the next wave of young andfast-growing companies like ProQr Therapeutics, ISA Pharmaceuticals, 2-BBB Medicines and DC*Prime.*

New entrance area of Leiden Bio Science Park with shops, restaurants, park and the Betà Campus of Leiden University.

Dr. Reddy's state-of-the-art research and production facilities.

At the Biotech Training Facility experienced trainers from the industry train life sciences professionals under up-to-date GMP and biosafety conditions.

Start-up facilities and programmes

The Biopartner Foundation is the park's incubator organisation, supplying office and lab space (roughly 20,000 m² in floor space) to start-ups. It also offers start-ups various network opportunities plus a development programme. Currently a flexlab and practical support programme are being developed for start-ups.

Lugus is the student organisation for entrepreneurial students. They provide various programmes and support activities for students who are considering beginning a business or are in the process of creating a private company.

World-class clinical trials are available at the Centre for Human Drug Research (CHDR). CHDR provides the full range of early stage clinical pharmacology services, specialised in early proof of pharmacology and the complex process of drug development.

Sustainability

Our policy

The sustainability plan 'Duurzaam bouwen, 2009', agreed to by the municipality of Leiden and Leiden University, is valid for LBSP. The current ambition is to attain BREEAM certification for the entire LBSP. A quick scan has been performed recently in which the park was scored according to the BREEAM NL requirements.

Our main objectives are

- BREEAM NL Area certification for LBSP
- encouraging corporate social responsibility addressing social developments (e.g. the ageing population)
- sustainable office buildings (e.g. Astellas office)
- eco-friendly environment (eco-friendly banks and transportation);
- green and integrated living and working environment.

Remarkable sustainability objects/achievements

- Various companies have installed WKO installations.
- A major solar energy project is currently in development.

Community services & facilities

Leiden Bio Science Park foundation and the entrepreneurial association OV BSP organise various formal and informal gatherings, social events (e.g. the monthly Life Sciences Café, Tech Talks, and various sports tournaments) and advertise job opportunities among LBSP residents. Additionally, many meetings and events are regularly organised at the park (e.g. CEO breakfast, Internationals meeting and the Leiden Pharma Science Symposia). LBSP has many facilities such as shops, restaurants (De Stal and Restaurant Twelve) and hotels (Hilton Garden Inn, Hampshire Hotel Fitland and Zorghotel Topaz).

Leisure

University Sports Centre Leiden offers a range of sports facilities, including an indoor sports hall, soccer field, tennis courts, volleyball courts and hockey fields. There are two museums: Corpus Experience and Naturalis Biodiversity Center.

Parking

Most of the car parks are privately owned, including the Motorhuis multi-storey car park which can be used via Leiden University. The LUMC and Level multi-storey car parks and the University Sports Centre Leiden car park are open to paying visitors and patients.

Parkmanagement

Site-related services

Maintenance of the park including green areas, collective facilities (e.g. shuttle bus, waste management, energy, company emergency response services (BHV: *bedrijfshulpverlening*), health insurance, security, lobby etc.) is arranged by the entrepreneurial association OV BSP.

Building-related services

These are arranged by several partners.

Governance

Campus ownership

Municipality of Leiden, Leiden University, LUMC and the Rijksgebouwendienst

Decision makers / process

The decision makers in question are the Province of South Holland, the municipality of Leiden, Oegstgeest municipality, LUMC and Leiden University. Any investments made by businesses must be in keeping with the zoning plan. Any exceptions are decided upon by a special retail diversification committee (*brancheringscommissie*).

Management

Leiden Bio Science Park Foundation and OV BSP

Commitment

Municipality of Leiden, Leiden University, LUMC, Entrepreneurial Association OV BSP, Municipality of Oegstgeest.

Buildings

Education and Research	17	**880,000 m²**
Company buildings		
• Incubator	3	**16,200 m²**
• Accelerator	1	**5,400 m²**
• Single-tenant	24	**363,000 m²**
• Multi-tenant	5	**350,000 m²**
Housing (students)	3	**27,000 m²**

Contact

Leiden Bio Science Park - OV BSP

Ellen Smit (Senior Account Manager)

BioPartner Center 2

J.H. Oortweg 19

2333 CH Leiden

T: +31 (0)71 524 7555

E: info@lbsp.nl

W: www.leidenbiosciencepark.nl

TU Delft Science Park

Building capacity:
500,000 m²

Area:
1,610,000 m²

Development space:
400,000 m²

Infrastructure

10 minutes

Train station
Delft Central
2.3 km - 5 - 11 min by bus

15 - 50 minutes

Airport
Rotterdam The Hague
10 km - 34 min by train,
15 min by car
Schiphol Amsterdam
63 km - 39 min by train,
50 min by car

1 minute

Motorway
A13
Direct access

Digital infrastructure
Park fully broadband and Wi-Fi service available

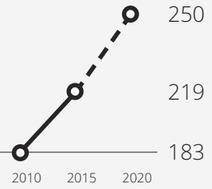
5 minutes

City centre
Delft
5 min by bus
10 min bike ride

Rotterdam
11 min by train

The Hague
12 min by train

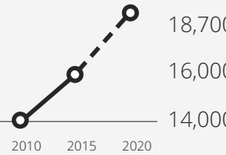
219 Companies



192 Start-ups
20 Small & Medium-sized Enterprises (excl. start-ups)
7 Corporate players

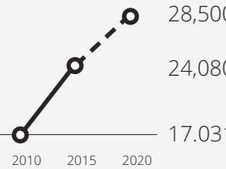
Unique Companies
3M, Applikon Biotechnology , Ampelmann, Exact Software, Yes! Delft, Senz, D:DREAM teams - DARE, Delft Hyperloop, NUON Solar Team, Project MARCH, Delft Robotics, Deltares

16,000 Jobs



4,500 Education / Institutes
5,575 Companies
5,925 Other

24,080 Students



21,000 University
3,100 Higher education

of whom **3,200** international students

Building capacity

500,000 m² Total building capacity (GFA) Gross Floor Area
100,000 m² In use
400,000 m² Development space

Land lease: Yes, 50-100 years
Land ownership: TU Delft
Zoning plan: Technopolis, 2015
Technopolis Clusters & Kamers, 2013

Developments

Some developments until 2015
- Exact Software headquarters
- Applikon Biotechnology Dutch headquarters
- Realisation of the 3M Dutch headquarters
- Ampelmann, offering safe offshore access
- YES!Delft incubator
- Green Village fieldlab; where innovations for a sustainable future can be developed, tested and demonstrated
- International School Delft
- Renovation of BK City Stay; faculty of Architecture and the Built Environment

Some developments between 2016-2020
- Holland Particle Therapy Centre; an innovative research and treatment centre for proton therapy
- YES!Delft Labs; a second YES!Delft building including offices and research labs
- RoboValley headquarters; the place for researchers and entrepreneurs to cooperate in the field of robotics
- Faculty of Applied Sciences; new faculty building
- Sports & Culture facilities; upgrade and expansion
- Pulse education building

Profile

TU Delft Science Park is located on the campus of Delft University of Technology; the oldest technical university of the Netherlands and one of the most prestigious of its kind in the world. The university ranks among the world's best in various fields of science and engineering including robotics, quantum and nanotechnology, aerospace engineering and biotechnology. TU Delft Science Park is one of the leading locations for research and development in Europe and home to knowledge-intensive companies and research institutes in sectors linked to the scientific research conducted at Delft University of Technology. Currently TU Delft Science Park houses over 200 national and international businesses, from promising start-ups at the YES!Delft incubator to the headquarters of Applikon Biotechnology, Dutch Metrology Institute VSL and 3M Netherlands. TU Delft Science Park is designed to be part of a living campus and offers a climate for innovation where science, business and government come together, with plenty of green space and catering services in a sustainable environment.

Long-term vision
The close collaboration between companies and researchers at TU Delft lies at the heart of TU Delft Science Park, creating a climate for innovation where research and business closely collaborate and contribute to solving major societal challenges.

Open Innovation Strategy

By cooperating with business, government and civil society organisations, or working directly with individuals, we can make our knowledge benefit the wider society.

R&D Focus

Energy
Sustainable energy technologies, Clean fossil and nuclear energy, Enabling technologies and infrastructure, Policy innovation and market design.

Global
Sensing our environment, Modelling our environment, Shaping our environment.

Deltas, Infrastructures and Mobility
Safe and livable delta areas, Sustainable mainports and hubs, Safe, efficient, clean and intelligent transport, Available and sustainable infrastructures.

Health
Medical imaging and image guided medicine, Interventions and care, Targeted molecular technology, Home care technology.

World Class Research Institutes

- TU Delft Institutes (High-quality research capacity in university-wide institutes)
  - QuTech (Research center for quantum computing and quantum internet)
  - (Knowledge center for radiation-related research and education)
  - EKL (innovative scientific research lab)
  - DUWIND (TU Delft Wind Energy Institute)
  - KAVLI (Institute of Nanoscience Delft)
  - Space Institute
  - Sport & Engineering Institute
  - Robotics Institute (unites all the university's research in the field of robotics)
- Deltares (Independent institute for applied research in the field of water and subsurface)
- TNO (Dutch organization for applied research)
- VSL (Netherlands' national metrology institute)
- Holland Particle Therapy Centre

Shared R&D facilities

Research facilities
TU Delft has a wide range of research facilities. These facilities are unique in the Netherlands and are used to conduct research for business and industry. They range from wind tunnels, a chip facility, high-voltage laboratory and nuclear reactor, to serious gaming and product evaluation.

labs.tudelft.nl
Delft University of Technology has a website with information on all research facilities. All facilities and instruments are available by appointment.

Reactor Institute Delft, the Dutch knowledge centre for radiation-related research and education.

Simona Research Simulator was specially built for TU Delft and can realistically simulate all types of aircraft, helicopters and even cars.

YES!Delft the leading tech incubator that helps entrepreneurs to build and grow leading technology companies.

The Green Village The on-campus living sustainability lab where students, researchers, entrepreneurs an governments work together on sustainable technology in a research-friendly regulatory environment that supports innovation.

QUTech an advanced research center for quantum computing and quantum internet.

D:DREAM Hall Delft: Dream Realisation of Extremely Advanced Machines, birthplace of DARE, Delft Hyperloop and the Nuna.

Faculty building for Applied Sciences that meets the strict architectural and installation requirements for innovative research.

Start-up facilities and programmes

Incubator YES!Delft
YES!Delft is a tech incubator that helps entrepreneurs to build and grow leading technology companies. Its programmes turn promising technology ideas and teams into solid start-ups and grow them into successful companies. YES!Delft offers guidance and support to graduates, scientists, engineers and professionals in their start-up journey.

Delft Enterprises
Delft Enterprises is the one stop shop for entrepreneurship and spin out companies of the Delft University of Technology.

RoboValley
In RoboValley, robotics start-ups work on the next generation robotics. Over 170 robotics researchers collaborate with experts, entrepreneurs and decision makers.

Sustainability

Our policy
As one of the world's leading training grounds for engineers, TU Delft views its role in society as supplying technological solutions that take us significantly further along the road towards sustainability. We work on numerous aspects of energy technology: from solar panels to wind turbines, from biogas to smart grids and from nuclear energy to geothermal energy. The research is conducted within all eight faculties and engages researchers in multidisciplinary research projects.

Our main objectives
- Energy saving (40% by 2020)
- Sustainable energy production (of which 25% by own production by 2020)
- Intelligent energy systems
- CO_2 footprint reduction of 50% by 2020

Remarkable sustainability achievements
- The installation of 10,000 m² of solar panels on various TU Delft buildings.
- LED lighting is used in car park.
- There is a cold and heat storage system in place.
- Introduction of a Dynamic Heating Network Controller.

Community services & facilities
TU Delft Science Park has bookshops, food courts and coffee shops. Various community activities take place throughout the year, such as the International Festival of Technology, DIG-it! – TU Delft Research Exhibition, Zero emission club (various companies located in TU Delft Science Park discussing energy measurements), Medical Delta and Medical Delta Café, Robo Service Centre and the Robo Café, and Dies.

Leisure
- 14,500 m² devoted to sports and cultural facilities, including soccer, tennis and volleyball facilities and fitness centres.
- 14,500 m² devoted to conference centres.

Parking
- 3,850 parking spaces
- Free parking on campus

Park management
Site-related services
Maintenance, security, waste & environmental management and interior plant care are provided. Responsible parties are the Director of Facility Management & Real Estate and the Site Management & Maintenance department.

Building-related services
Catering, cleaning, internal relocations, furniture, audio-visual services, mail distribution and printing services are available. Responsible parties are the Director of Facility Management & Real Estate and the Site Management & Maintenance department.

Governance
Campus ownership
TU Delft

Decision makers & decision-making process
Decisions on campus development are made by the Executive Board of TU Delft. Within the University Corporate Office, the Director of Facility Management and Real Estate is responsible for campus development. In order to create a one-stop-shop for new customers, a programme manager will assist new and existing customers on site wherever necessary.

Management
Director of Facility Management and Real Estate

Commitment
Municipality of Delft, TU Delft
www.sciencepark.tudelft.nl
www.delfttechnologypartners.nl/en

Buildings

Education and Research	62	**62,000 m²**
Company buildings	219	**135,000 m²**
Student housing	2,284 units	

Contact
TU Delft - Facility Management & Real Estate
Anne-Lize Hoftijzer (Manager Science Park)
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2628 CE Delft
T: +31 (0)15-2788000
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W: www.sciencepark.tudelft.nl

UTRECHT SCIENCE PARK

Utrecht Science Park

Improving health and quality of life

Area:

3,000,000 m²

Building capacity:

1,236,000 m²

Development space:

153,000 m²

Infrastructure

10 minutes

Train station
Utrecht Central
5 km – 12 min by bus, city-train
(2018)

38 - 45 minutes

Airport
Amsterdam Airport Schiphol
50 km – 45 min by train,
38 min by car

1 minute

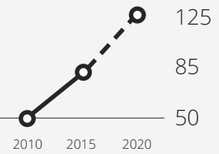
Motorway
A27 & A28
Direct access

Digital infrastructure
Glass-fiber

10 minutes

City centre
Utrecht
4 km - 10 min by bus, car,
bicycle

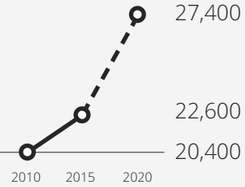
85 Companies



65 Start-ups (excl. student start-ups)
9 Small & Medium-sized Enterprises (excl. start-ups)
4 Corporate players
7 Others (services)

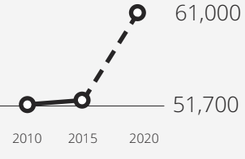
Unique Companies
Danone, Genmab, Merus, Bioceros, GenDx, MILabs, Philips Healthcare

22,600 Jobs



5,400 Utrecht University
11,000 University Medical Center Utrecht
3,400 HU University of Applied Sciences Utrecht
300 Prinses Máxima Center
300 Centraal Militair Hospitaal
1,300 Companies
900 Research institutions

51,700 Students



20,000 Utrecht University
3,000 University Medical Center Utrecht
28,700 HU University of Applied Sciences

of whom **2,500** international students

Building capacity

1,236,000 m² Total building capacity (GFA) Gross Floor Area
1,183,000 m² Real estate in use
53,000 m² Development space
100,000 m² Redevelopment space

Land lease: Yes, 30 -50 years
Land ownership: Utrecht University, UMCU, Municipality Utrecht
Zoning plan: De Uithof 2010, revision in 2018

Developments

€ 200 million

2010 - 2015

public
- Koningsberger
- GML
- Park & Ride
- Hubrecht Institute

private
- Danone (private)
- Life Science Incubator
- Johanna

€ 1.2 billion

2016 - 2019

public
- PMC
- RIVM
- Tramway
- Utrecht University building programme
- CBS-KNAW
- HU University of Applied Sciences Utrecht

private
- Accelerator
- Genmab
- Redevelopment Van Unnik

Profile

Utrecht Science Park (USP) provides a vibrant, dynamic and exciting place to work, to study and to interact. It brings together competences from business, industry and academia in order to design and create healthier, safer and more sustainable cities for today and for subsequent generations. Institutions of basic and applied research, education and clinical care with top researchers, talented students and research companies make the Utrecht Science Park an attractive location for innovative research companies thanks to the completeness of the ecosystem. In addition to excellent educational programmes, there is a unique research infrastructure that is among the best in Europe.

Long-term vision
Utrecht Science Park is one of the main engines of growth and innovation in the most competitive region of Europe. In five years' time (until 2020), another 5,000 jobs will have been added to the USP community. In this way USP contributes to a regional ecosystem with the lowest unemployment rate in Europe. The excellent quality of its institutions and facilities and the outstanding expertise in Healthy Urban Living place Utrecht Science Park squarely among the top of the best European science parks. The strong collaboration with the other Dutch Science & Innovation Parks adds to the economic growth and competitiveness of the Netherlands.

Open Innovation Strategy

Utrecht Science Park comprises a research community that is aimed at generating solutions for societal problems. We bring people together and facilitate collaboration and co-creation through community building.

Pontes Medical is a community of health care professionals at UMC Utrecht that, in collaboration with private companies, invents and develops affordable and safe medical devices that bring health care closer to the patient at home.

iLab Utrecht is a lively, dynamic and exciting location to start or advance a life sciences enterprise. iLab offers access to research infrastructure, students and scientists of HU University of Applied Sciences Utrecht in the context of a co-creation environment.

World Class Research Institutes

- TNO
- Deltares
- Hubrecht Institute
- CBS-KNAW-Fungal Biodiversity Centre
- Netherlands Institute for Space Research (SRON)
- Prinses Maxima Centre
- National Institute for Public Health and the Environment (RIVM, 2018)
- Utrecht University Faculty of Sciences
- Utrecht University Faculty of Veterinary Medicine
- Utrecht University Faculty of Geosciences
- Utrecht University Faculty of Social and Behavioural Sciences
- University Medical Center Utrecht
- HU University of Applied Sciences
- Advanced Research Center Chemical Building Blocks Consortium
- Wilhelmina Children's Hospital

Shared R&D facilities

Utrecht Science Park offers a unique research infrastructure, which is amongst the best of its kind in Europe. From a single professional and customer-oriented front office, we offer these research facilities to companies that are looking for science-based solutions.

We offer:

- Molecular Research Facilities
- Cellular Research Facilities
- Pre-clinical Research Facilities
- Clinical Research Facilities
- Technical Research Facilities

iLab Utrecht offers access to research infrastructure, students and scientists in the context of a co-creation environment.

New Energy in the City develops tools for the transition to a sustainable and energy-neutral society.

The Netherlands Centre for One Health develops tools to combat emerging infections and antimicrobial resistance.

R&D Focus

Life sciences

- Public health – One Health
- Cancer
- Molecular Life sciences
- Regenerative medicine & stem cells
- Healthcare Innovation
- Healthy Urban Living

Sustainability

- Water
- Climate & Ecosystems
- Future Energy & resources
- Circular Economy
- Smart Sustainable Cities

Every year, the Botanical Gardens host Festival De Beschaving that brings together 7000 young people to enjoy music, art and science.

The newly developed Life Sciences Incubator brings innovative biotech start-ups together.

Start-up facilities and programmes

Utrecht Science Park provides a wide range of facilities and services for start-ups and scale-ups, including corporate ventures. **UtrechtInc** offers suitable support for increasing success and impact at various stages. It provides access to facilities, seed capital, training and feedback from a community of peers, experts and new talent. **Garage** (UtrechtInc experimentation lab) is an open experimentation lab and co-working space where start-ups, researchers, businessmen, businesswomen and students can turn their ideas and innovations into experiments.
The **Life Sciences Incubator (LSI)** is home to various innovative life sciences start-ups. The LSI comprises 4,000 m² of office space, laboratories and general facilities, including a reception desk and conferencing facilities.
Studentsinc (Next Generation Entrepreneurs) is the place where the students of HU University of Applied Sciences Utrecht can embark on a business venture, receiving the facilities and support required to develop a company of their own.

Sustainability

Our policy

Sustainability, in the broadest sense, is high on the strategic agenda of the USP partners. Together, we strive for balance between People, Planet, and Profit. On a practical level, we constantly ask ourselves what impact our work has on the environment and our communities, and how we can leave a sustainable legacy for the future.

Our main objectives

- improving sustainability and lowering the CO_2 footprint.
- developing geothermal energy use (together with ASR).

Remarkable sustainability objects/achievements

- There is a cold and heat storage system in place.
- LED lighting is used in car parks.
- The LSI is the first laboratory building in the Netherlands to obtain an 'Outstanding' BREEAM rating.
- Utrecht university and UMC Utrecht will install 6,500 solar panels at Utrecht Science Park. Annually, these panels will generate around 1.5 million kWh of electricity.

Education & talents

Utrecht Science Park hosts 50,000 Bachelor's, Master's and PhD students. An extensive range of English-language programmes are provided, including 81 Master's programmes, over 200 courses for exchange students, and the largest summer school in Europe. The **Graduate School of Life Sciences** organises all education programmes in the Life Sciences and has gained a strong international reputation in biomedical and life sciences education and research. The **Utrecht Center for Entrepreneurship** provides entrepreneurial programmes for students and staff and the Career Services programme facilitates traineeships for Bachelor's, Master's and PhD students.
The **Executive Master of Business Innovation & Entrepreneurship in Life Sciences & Health** is a unique on-the-job MBA programme designed to accelerate an enterprise or business at global level. The programme combines excellent business management education with the development of leadership training and personal coaching centred around the participant's own business, in order to ensure more rapid and sustainable growth.

Community services & facilities

Facilities are scattered across the park, but mostly concentrated in the park centre. USP has a restaurant, lunchrooms, pubs, coffee bars, kiosks, food trucks, supermarkets and shops. Various informal and formal community activities and events are organised, such as Festival deBeschaving, USP-café (12 times a year), a roof garden (De daktuin) and seminar programmes. Several conference facilities are also available. Other facilities include a general practitioner, physiotherapy, childcare, a hairdresser, bicycle repair, ATMs, a printing office and an employment office.

Leisure

- Indoor & outdoor sports are concentrated at the sports centre (Olympos).
- The major annual sports event is the USP marathon, with over 5,000 participants.
- The festival known as 'deBeschaving' is a major event, with some 7,000 visitors, organised in the Botanic Gardens.
- Pop-up café 'De Daktuin' is a pop-up café on the upper level of the multi-storey car park that opens for one month every year.
- USP Cafés is a drinks party, organised by Utrecht Science Park several times a year, for all organisations at or related to USP.
- Other events include pop-up restaurant 'De Maaltuin', organised in the Botanic Gardens, and SusTasty, a sustainable food festival.

Parking

6,000 spaces, paid

Park management

Site-related services

Public space, sweeping pavements, winter maintenance, maintenance of green areas, security.

Building-related services

Various a.o. cleaning, reception services (building specific), (chemical) waste management, free Wi-Fi.

Governance

USP welcomes and facilitates organisations and companies that seek collaboration with its research institutes to facilitate their own research activities. Pre-starter facilities, shared facilities for start-up, scale-up and mature companies, as well as independent premises are available.

Park ownership

Utrecht University, UMCU, Municipality of Utrecht

Decision makers/process

- University of Utrecht: contracts.
- Utrecht Science Park Foundation: initial point of contact for interested companies.

Management

Utrecht Science Park Foundation: account management, business development, front-office R&D facilities.

Commitment

Province of Utrecht, municipality of Utrecht, Utrecht University, University Medical Center Utrecht, HU University of Applied Sciences Utrecht, Economic Board Utrecht

Buildings

Utrecht University	30	**450,000 m²**
UMC Utrecht	5	**400,000 m²**
HU University of Applied Sciences	6	**100,000 m²**
Company buildings	8	
Housing (students)	2,600 units	

Contact

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Wageningen Campus

Gateway to smart food in a green world

Area:

50,000 m²

(additional 20,000 m² extension possible)

Building capacity:

950,000 m²

Development space:

100,000 m²

Infrastructure

10 minutes

Train station
Ede- Wageningen
6.5 km - 10 min by bus

60 - 150 minutes

Airport
Amsterdam Airport Schiphol
90 km - 1hr by car, 1 hr 30 min by bus/train
Eindhoven Airport
83 km - 1 hr by car,
2 hrs 30 min by bus/train
Düsseldorf - Weeze
Düsseldorf int. airport
81 km – 1 hr by car
141 km – 1 hr 30 min by car

5 minutes

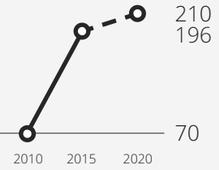
Motorway
A12
3.7 km – 5 min by car

Digital infrastructure
Available

7 - 10 minutes

City centre
Wageningen
7 min by car, 10 min by bus,
10 min by bike

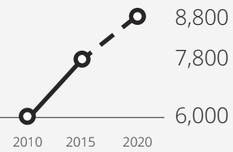
196 Companies



155 Start-ups
35 Small & Medium-sized Enterprises (excl. start-ups)
6 Corporate players

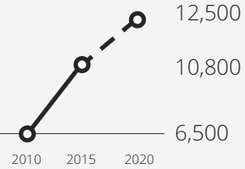
Unique Companies
FrieslandCampina, Noldus, KeyGene, Solynta, Yili, Kikkoman, MeteoGroup , Micreos, Dupont, Eurofins, Nuplex, Dutch Sprouts

6,800 Jobs



2,250 Wageningen University
2,250 Wageningen Research
2,300 Companies

10,800 Students



10,000 Wageningen University
800 Stoas Vilentum (planned 2020)

of whom **2,200** international students
> 100 nationalities

Building capacity

950,000 m² Total building capacity (GFA) Gross Floor Area
850,000 m² In use
100,000 m² Development space

Land lease: Available
Land ownership: Wageningen University & Research, Municipality of Wageningen, various private partners
Zoning plan: Bestemmingsplan Wageningen (2010)

Developments

€ 800 million

2010 - 2015

- Wageningen University & Research buildings and facilities (such as Forum, Atlas, Helix, Orion)
- Corporate buildings (FrieslandCampina, NIOO-KNAW, Stoas-Vilentum)
- Plus Ultra: multi-tenant building with incubator function and flexible technology hall
- High-quality public transport

€ 100 million

2016 - 2020

- Campus Plaza: Student housing, child care, shops
- Corporate building
- Multi-tenant buidling
- Parking garage
- Dialogue Centre

Profile

Wageningen Campus is designed as a vibrant meeting place for scientists and researchers from Wageningen University, several research institutes, start-ups, established entrepreneurs, R&D centres of international companies, and students all working in the fields of nutrition, agro and food production, life sciences, biobased products, and healthy living environment.

Long-term vision
The following strategic goals have been defined in order to take the next step in the campus's development and become the world-leading campus in our domain:

- maintain the number one position in Europe and a top-three position worldwide in the food and agro domains;
- provide an optimal and inspiring infrastructure for excellent science and research;
- create a balanced mix of start-ups, incubators, small and medium-sized enterprises, and national and international corporations;
- attract leading industry players in the food, agro and biobased sectors,, encouraging them to conduct their research and development (R&D) activities at Wageningen Campus.

Open Innovation Strategy

On Wageningen Campus, we know that sharing knowledge is as important as developing knowledge, convinced as we are that this is the key to truly innovative solutions to the global problems of our age. This is why Wageningen Campus is designed as a meeting place for researchers, new and established entrepreneurs, and students in the fields of nutrition, food production, living environment and health. On Wageningen Campus the academic world, the business sector and the government collaborate on addressing today's major social issues: the world food problem, growing pressure on blue and green spaces, the demand for sustainable production, healthy food, the desperate need for alternatives to fossil fuels and the impact of climate change. These problems cannot be viewed as individual phenomena, but should rather be viewed as closely interlinked and, as such, suitable for tackling as a whole on Wageningen Campus.

World Class Research Institutes

- Wageningen University
- Wageningen Research
  - Wageningen Environmental Research
  - Wageningen Economic Research
  - Wageningen Plant Research
  - Wageningen Food & Biobased Research
  - Wageningen Lifestock Research
  - Rikilt
  - CDI
- NIOO-KNAW
- MARIN

Shared R&D facilities

Wageningen University & Research (WUR), Shared Research Facilities allow researchers to use WUR's advanced research equipment. All researchers, whether from universities, research institutes or companies, can use the available equipment. Facilities range from advanced research facilities at laboratory scale to state-of-the-art facilities for pilot scale biorefinery, food conversion, climate rooms, greenhouses and experimental fields for crop research at Unifarm, and animal research facilities at Carus.

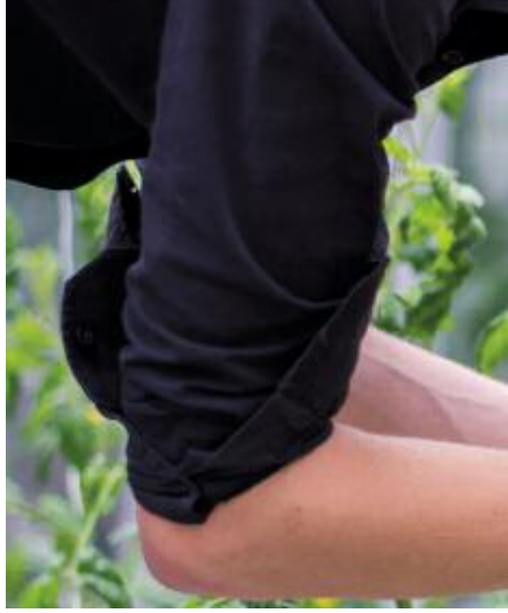
R&D Focus

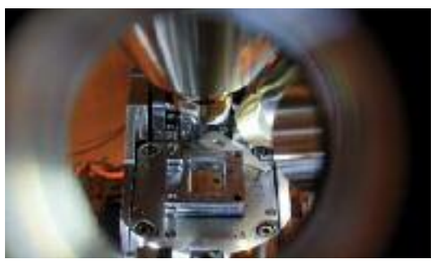
Healthy and Sustainable Food
Food, feed & biobased production (incl. food processing, food safety, circular economy, green materials), Nutrition (incl. healthy life style, life sciences, society & well-being).

Healthy Living Environment
Natural resources & healthy living environment (incl. Green Climate Solutions & Green Cities).

Wageningen Unifarm, with advanced greenhouse facilities and experimental fields for crop research.

Wageningen University with 10,000 students from over 100 nationalities. Worldwide, the number 1 university in agro & food (National Taiwan Ranking 2015-2016).





WUR Shared Research Facilities provide researchers the opportunity to use the advanced research equipment of WUR.

Wageningen Campus offers a vibrant community of entrepreneurs in the fields of Food and AgTech.

Wageningen Campus offers companies and organisations that are active in the field of agro, food, biobased economy and healthy living environment an array of options to set up on campus.

Start-up facilities and programmes

Wageningen Campus has a flourishing entrepreneur community where new ideas and initiatives in the field of food & agro-technology originate. Entrepreneurs are facilitated with flexible housing opportunities, support, coaching, and pre-seed capital. Forms of support vary from educational activities for university students in the StartHub, a complete range of network contacts and experts for Ag-Tech entrepreneurs or seed capital via StartLife to location in an incubator at for instance Plus Ultra or in one of the private incubators, such as Dutch Sprouts and Tournois Dynamic Innovations.

Sustainability

Our policy

Mission: 'To explore the potential of nature to improve the quality of life' and to become a leader in terms of sustainable business management. In 2030, 80% of the campus will be climate neutral, featuring with numerous examples of sustainable construction, energy efficiency and innovations.
(Energie visie 2030, Milieu meerjarenplan 2015-2017)

Our main objectives

- construct and furnish buildings as sustainably as possible.
- use green electricity from wind turbines.
- implement heat & cold storage in WUR buildings.

Remarkable sustainability achievements

- The FrieslandCampina building contains numerous technological innovations including innovative energy concepts.
- The NIOO-KNAW building has a green roof that stores water, regulates the building temperature and supplies electricity through the plants growing on the roof.
- Wageningen University & Research is the winner of the SustainaBul 2014 award for most sustainable university in the Netherlands.

Community services & facilities

Wageningen Campus has several facility buildings incorporated in Campus Plaza (1000 m²) including a restaurant and catering facilities, a bookshop, coffee bar and bakery, as well as four restaurants in Wageningen University & Research buildings which are accessible to the public.

Wageningen Campus organises a number of programmes for local residents (cultural activities, sports, business & science cafés) and facilitates events such as Food Valley Expo, the Food Film Festival and F&A Next.

For meetings Wageningen Campus can provide formal and informal meeting and/or debating locations, such as the Amphitheatre and Impulse.

Leisure

Indoor & outdoor sport facilities, ca. 10,000 m²

Parking

4,000 spaces (sufficient, available at no charge)

Park management

Site-related services

Wageningen University & Research: general maintenance, ICT

Building-related services

Wageningen University & Research, & private owners: facility management, reception, cleaning/waste

Governance

Campus ownership

Wageningen University & Research / multiple private owners

Decision makers/process

- Wageningen University & Research: university site (both initial point of contact for interested companies and contracts)
- B&S park: multiple private owners

Management

Wageningen University & Research, B&S Park owners

Commitment

Wageningen University & Research, Regional development agency OostNV, Municipality of Wageningen, Province of Gelderland, FrieslandCampina, NIOO-KNAW, business club B&S park

Buildings

Education and Research	**ca. 375,000 m²**
Company buildings	**ca. 275,000 m²**
• Incubator / Accelerator	**ca. 100,000 m²**
• Single-tenant	**ca. 10,000 m²**
• Multi-tenant: Matrix	**ca. 50,000 m²**
Housing (students)	**ca. 40,000 m2**
• On campus (under development)	450 units
• Off campus (excl. private market)	6,000 units

Contact

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attracting talent boosting the economy solving global challenges

Colophon

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