To explore the potential of nature to improve the quality of life
To explore the potential of nature to improve the quality of life
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Our world is changing. The population is growing fast and prosperity is increasing in many regions. Around the world, land use for food production is reaching its limits. The climate is visibly changing while fossil fuels are becoming ever scarcer. Meanwhile, people are attaching more importance to healthy, safe and sufficient food.

It is this changing world that is the real specialisation of Wageningen University & Research – the domain of good and safe food & food production, food security and a healthy living environment. In essence we not only develop knowledge but also help to apply it.

Our mission is: ‘To explore the potential of nature to improve the quality of life’. This is achieved together with industry, governments and research institutes around the world. In addition to our renowned fundamental research, Wageningen University & Research also has a strong global position as a supplier of application-oriented and field-based research. At the same
time, we educate many thousands of students from over a hundred countries to be professionals in the domain of ‘healthy food and living environment’ every year.

This combination of research, education and value creation has made us internationally successful. It is with good reason that we have a very high success rate in attracting EU funds for research and score so highly in international rankings and citation indexes. This is due to the Wageningen approach – the joint strengths of the university and specialised research institutes and the connections between our scientific, technological and social disciplines. Furthermore, we are well aware that our partners – governments, companies, NGO’s and research institutes at home and abroad – need to achieve genuine social breakthroughs. This is also why we cooperate on a large scale in public-private partnerships, as well as in confidential contract research.

Together we aim to continue to lead the way, bundling financial flows and using our knowledge to design applicable solutions for the major challenges faced by the world. This is the ultimate ambition of Wageningen University & Research.
Global issues
In September 2015 the United Nations adopted the Sustainable Development Goals (SDG’s). 17 goals and 169 targets setting the agenda for people, planet and prosperity for the next 15 years. Not only the United Nations, but also national authorities, civic society, business and research organisations commit their efforts towards the SDGs. The Sustainable Development Goals are aimed at an array of issues that include slashing poverty, hunger, disease, gender inequality, and improving access to water and sanitation.

Much of the research of Wageningen University & Research is connected with the Sustainable Development Goals, some of the major targets are listed below. The SDGs also provide guidelines for new research projects and programmes and collaborations with our partners.

- End hunger, achieve food security and improved nutrition and promote sustainable agriculture.
- Ensure healthy lives and promote well being for all at all ages.
- Ensure availability and sustainable management of water and sanitation for all.
- Ensure access to affordable, reliable, sustainable and modern energy for all.
- Make cities and human settlements inclusive, safe, resilient and sustainable.
• Ensure sustainable consumption and production patterns
• Take urgent action to combat climate change and its impacts
• Conserve and sustainably use the oceans, seas and marine resources for sustainable development
• Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

Our approach

Food: Focusing on the total system: careful production and processing of healthy food, sustainable use of soil, water and atmosphere, reduction of inputs of nutrients, auxiliary chemicals and pesticides, and reduction of greenhouse gas emissions, with special attention to sustainability and animal welfare.

Liveable metropolis: Generating metropolitan solutions in order to arrive at smart cities: cities and metropolitan regions that – in close relationship with the surrounding rural areas – are liveable, healthy, resilient and circular.
Clean water: Improving sustainable use and management of ground and surface water, contributing to water purification and tackling salinisation.

Biodiversity: Acquiring insight into System Earth’s capacity for recovery, and possibilities to improve that capacity locally and regionally.

Circular economy: Facilitating the transition to a circular economy founded on biobased raw materials, and studying the social and economic consequences of feed-food-fuel choices.

Well-being: Improving food products and production processes, enhancing healthy choice behaviour and acquiring insight into the role of cultural and behavioural factors.

Wageningen University & Research not only develops knowledge but also helps to apply it
The campus

The major part of Wageningen University & Research is located on Wageningen Campus. The campus is focused on meeting and contact between knowledge organisations, educational institutions, the business community and start-ups. With the research institutes of Wageningen University & Research, national and international R&D companies such as FrieslandCampina, Noldus, Unilever, Yili, Kikkoman and Keygene, research institutes such as NIOO, educational institutes such as the university and the Aeres University of Applied Sciences and numerous SMEs and start-ups, the campus offers the perfect climate for innovative solutions. Wageningen Campus offers a range of facilities and amenities. Companies and organisations are able to set up in a business complex or incubator. They can also utilise top-quality shared research facilities.

Other Dutch locations

While our name suggests that we are located solely in Wageningen, we also have research and experimental facilities in 25 different places throughout the Netherlands. Lelystad is the site of our research into animal diseases and arable farming, for example, while ecological marine research is concentrated in the coastal towns of Den Helder, IJmuiden and Yerseke.

The campus is increasingly taking on the function of a flywheel for innovation
Abroad

Wageningen University & Research is active in many regions in the world. From China to Chile and from Ethiopia to the Arctic, we work together with partners in research programmes. The goal is to improve food safety and food security, develop biobased products, materials and logistics chains, and determine the impact of economic activity on the environment and people. Our ambition is to further strengthen our global position by providing comprehensive support to our clients as they seek the right partners inside and outside of our organisation.

Because we are increasingly active abroad, Wageningen University & Research has a permanent office in China. This makes it easier to coordinate projects and develop new initiatives.
Sustainability
Sustainability is an important pillar in all our research and education. This is reflected in our mission: 'To explore the potential of nature to improve the quality of life'. Sustainability also plays an important role in our business operations as we aim to be at the forefront of developments in the Netherlands in this respect. Wageningen University & Research is a climate neutral organisation, our entire carbon footprint is compensated mainly thanks to the high yields of our wind turbines in Lelystad.

Other measures we undertake to reduce our carbon footprint, are the use of geothermal heat pumps and the reduction of energy consumption in our buildings. Also Wageningen University & Research is well above the Dutch average in terms of sustainable procurement.

Our domain: Healthy food & living environment
Our 5,131 employees and 12,007 students are active within the domain of healthy food & living environment. This comprises three core fields which are strongly inter-linked:

Society and Well-being
The study of human behaviour in relation to food and living environment, lifestyle and perceptions, and focus on institutions, governance, the market and chains, and societal innovations.

Food, Feed and Biobased Production
The sustainable production and processing of food, feed and biobased products, international food chains and networks, food safety and the health aspects of food.
Our domain: healthy food and living environment

- Society & well-being
- Food, feed & biobased production
- Natural resources & living environment
Natural Resources and Living Environment
Natural habitats, landscape, land use, the management of water, sea and natural resources and biodiversity.

Research and education combined
Wageningen University & Research is the cooperative framework of Wageningen University and the Wageningen Research Foundation, which comprises nine independent research institutes. They work together in five Sciences Groups. One department of the university is organisationally integrated within each Sciences Group together with one or more research institutes. This combination of forces allows education and research to partner in focused, high-quality projects (see the organogram on the previous page).

The combination of research, education and value creation has made us internationally successful
The work of Wageningen University & Research comprises three components: education, independent research and value creation. Translating knowledge into practical value makes us strong.

**Education**

With 19 bachelor programmes, 30 master’s programmes and six graduate schools, Wageningen University & Research is the world’s leading supplier of scientific education in the healthy food and living environment domain. Our education has a strong international focus, which is underlined by the composition of our student population. Of the total number of students, 21% are non-Dutch. In total, our students originate from more than a hundred countries, making us the most international university in the Netherlands.

Our global reputation is also demonstrated by our top position in international rankings when it comes to the research areas of society and well-being, food, feed and biobased production, natural resources and living environment. In addition to our BSc and MSc programmes, we offer training courses, distance
Our strength: education, research and value creation

borne to professionals in the Agri & Food sector via the Wageningen Academy (and the Centre for Development & Innovation).

Research

Wageningen University & Research conducts scientific research across the board in the healthy food and living environment domain. This ranges from fundamental to applied research.

The universities 5 departments

<table>
<thead>
<tr>
<th>Agrotechnology &amp; Food Sciences</th>
<th>Animal Sciences</th>
<th>Environmental Sciences</th>
<th>Plant Sciences</th>
<th>Social Sciences</th>
</tr>
</thead>
</table>

Fundamental research

Fundamental research is primarily carried out by our university scientists and, due to the nature of our work, is often highly practical. The university has 85 chair groups divided across five departments. Funding usually comes from the government or organisations for scientific research.

Field-based research

Field-based research aimed at collecting primary data, using methods such as measurements and surveys, is primarily the domain of the independent research institutes at Wageningen University & Research. It is deployed to answer specific practical questions risen at industry, governments or in
society at large, allowing our scientists to find solutions and develop future innovations in areas such as crop production, livestock farming, animal welfare and the environment based on practical knowledge and insights. Industry is a very important client and partner in this type of research.

**Application-oriented research**
A second type of research on which the research institutes work is application-oriented. This focuses in part on the development of expertise for practical applications. It includes, for instance, the development of biobased products as an alternative to petroleum-based products; new, sustainable production systems and processes; innovations that improve the functioning of agricultural chains and applications that respond to climate change. Another component is policy support. Examples include studies into the impact of new laws and regulations or the influence of social developments on the income of farmers.

Application-oriented research is commissioned by the government, industry and non-profit organisations. It is often conducted in partnerships with governments, other research institutes and Dutch and international companies. But we also perform a lot of contract research on behalf of
specific clients. The results of public-private research are always available to the public, whereas research carried out on behalf of a private company means that publication of the results is subject to authorisation – possibly only once the parties involved have been made anonymous.

**Independence**
Clients have no influence on research conclusions, which are solely based on facts we have determined and analysed in our research. Wageningen University & Research always notes in its research reports which parties funded the research.

*We encourage the development of spin-offs, which valorise the acquired knowledge on the market*
Value creation

At Wageningen University & Research, we believe that a broad dissemination of results from our research contributes to creating added socio-economical value through novel applications. We pay special attention to the transfer of knowledge and technologies. Transfer of knowledge will, in many cases, be achieved in collaboration with industrial partners that also take care of the commercialisation of products. In other cases, new enterprises have been founded on the basis of knowledge or expertise developed in Wageningen. Value creation is provided in various ways:

- working with companies on co-creation and innovation
- working on societal challenges through dialogue with society
- contributing to government policy, legislation and enforcement
- sharing our knowledge infrastructure with businesses and organisations
- training experts to play a role in the development and application of our knowledge.

<table>
<thead>
<tr>
<th>Spin-offs in which Wageningen University &amp; Research is shareholder:</th>
<th>A-Mansia Biotech</th>
<th>Fresh Forward</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bio-Prodict</td>
<td>Green Dino</td>
</tr>
<tr>
<td></td>
<td>Caribou Biosciences</td>
<td>Isolife</td>
</tr>
<tr>
<td></td>
<td>Ceradis</td>
<td>Spinterest</td>
</tr>
<tr>
<td></td>
<td>Covaccine</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other examples of spin-offs of Wageningen University &amp; Research:</th>
<th>Bfactory</th>
<th>Clear Detection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Biqualys</td>
<td>PhenoVation</td>
</tr>
<tr>
<td></td>
<td>BunyaVax</td>
<td>Plant-e</td>
</tr>
<tr>
<td></td>
<td>Chaincraft</td>
<td></td>
</tr>
</tbody>
</table>
Our research themes

Eight research themes encompass the entire research portfolio of our research institutes and link the institutes thematically. This increases the synergy of our knowledge development. These themes are:

• Sustainable food and non food production
• Global food and nutrition security
• Metropolitan solutions
• Biobased and circular economy
• Healthy and safe food for healthy lives
• System earth management
• Big data technologies and methodologies
• Social innovation for value creation

The research institutes

Wageningen Bioveterinary Research – Safeguarding animal and human health through biomedical and veterinary research.

Wageningen Environmental Research: For research on green growth and our living environment

Wageningen Food & Biobased Research – Conducts applied research for sustainable innovations in healthy food, fresh-food chains and biobased products.

Wageningen Food Safety Research – For research and advice regarding safe and reliable food.


Wageningen Marine Research – For ecological research into the sustainable use and protection of marine biological resources, coastal areas and seas.

Wageningen Plant Research – Research and innovations for sustainable & healthy food and non-food plant production, use and re-use.

Wageningen Centre for Development Innovation – Brings knowledge on food systems into action, by strengthening capacities for sustainable development in upcoming markets.
**Strategic investment themes**

In the Strategic Plan 2019-2022 Wageningen University & Research has chosen three investment themes: strategic topics with which we can emphasise specific aspects of our expertise development. The themes are: connected circularity, the protein transition and digital twins. With these Wageningen-wide investment themes we accelerate the development of knowledge and innovation in our domain.

These themes have been chosen in areas where various scientific disciplines in our domain intersect. These areas encompass urgent and relevant challenges that could benefit greatly from our unique combinations of expertise. By combining various scientific disciplines, new insights are created that facilitate considerable progress.

**Global One Health**

Controlling the risks of disease outbreaks and reducing endemic infectious diseases are crucial to food security, public health, managing climate change and biodiversity. We use the phrase ‘A Global One Health’, as it reflects the interconnectedness and global nature of health care for humans, animals,
plants and the environment. Many health risks can be controlled through effective interventions consisting of an adequate and varied food supply, hygiene, medicines, vaccines, vector control and crop protection.

A sustainable and shared approach requires an integrated analysis of infectious diseases, with contributions from various knowledge domains. We perform research into infectious diseases, vectors, ecology, epidemiology, healthy agriculture (animal health and plant health), healthy nutrition and intestinal flora, food security and safety, and social health issues. Through a system approach, we provide an essential contribution to improving the health of people, animals and plants.

**Resource Use Efficiency**

A more intensive use of natural resources places increasing pressure on biological systems and on production and consumption systems in agriculture. Due to increasing global urbanisation, the distribution of the flow of energy, materials and waste is shifting on a large scale, and the quality of ecosystems
(for example soil and water) is under pressure. The flow of nutrients, residue and waste is becoming concentrated in prosperous, densely populated urban areas, while elsewhere the soil is becoming depleted.

We are investing in the transition to a more sustainable and efficient system of production and consumption. We are developing new knowledge and technology to deal more efficiently with the available raw materials. We are changing primary production streams through new combinations of various sectors, product groups and raw materials. We are working on the intelligent closure of previously separate cycles of energy, materials and nutrients through the optimal use of plant and animal sources. In addition, we are contributing to a high-efficiency revolution in the use of raw biological materials through the efficient conversion and distribution of streams, raw materials and products, as well as the prevention of waste and disposal of nutrients. This transition is also accompanied by new business opportunities and risks, which were previously unknown. For the effective support of this transition, governance is crucial; new networks must be formed between the most important actors in production and consumption, innovations in institutions is required and new practices must be developed. Socio-economic analyses show how this transition can be shaped.
**Resilience**

Resilience is an important property not only of natural ecosystems, agro-ecosystems, and economic and social systems, but also of biological systems such as humans, animals, plants and microbes. The resilience of a system determines its response and adaptation to sudden, non-linear changes such as rapid technological progress, climate change and socio-economic changes. Likewise, the degree to which a system can adapt is also determined by its resilience. The reactions in the systems are complex and determined by interaction with other systems and reactions between different scales.

We are already working on resilience in various scientific areas. Many of the underlying principles, such as mathematical and experimental approaches, are universally applicable. As a result, the application potential is great. This is illustrated by the current work on the resilience of livestock, tropical rain forests, food supply chains and climate-resistant agriculture. To deepen and expand the research on resilience, we are working on new interdisciplinary applications for resilience.
**Metropolitan Solutions**

By 2050, 70% of the world’s population will live in cities. As a result, cities will to an increasing degree face issues concerning sustainability and quality of life. This concerns aspects such as food security, mobility and logistics, the availability of water, dealing with raw materials and waste, health and well-being. The metropolitan city is simultaneously an incubator for creative solutions, a precursor of social and technological innovations in sustainability, an important player on the world stage and a specific social and ecological system. In this way, the metropolitan city also serves as a ‘living lab’ to design, test and disseminate solutions to these problems.

We are committed to metropolitan solutions in order to arrive at smart cities: cities and metropolitan regions that – in close relationship with the surrounding rural areas – are liveable, healthy, resilient and circular. For instance, we understand that green areas in the city play a key role in business climate, safety (water storage), liveability and health. The Amsterdam Institute for Advanced Metropolitan Solutions (AMS) and the Delta Alliance are two of the first initiatives in this field. We would like to expand these with new international initiatives and networks.
**Synthetic Biology**

Acquired knowledge on genetic material as a building block for life has increased drastically. We can use this knowledge to design new biological systems. This offers a world of possibility for improving the quality of life. However, the application of synthetic biology is still in its infancy. At present, work is taking place only with biomolecules and single-cell organisms, such as bacteria and yeasts.

Over the long term, our research will contribute to evocative aspects such as production platforms for energy, new biologically inspired materials, refined diagnostics with the aid of biosensors and the production of pharmaceuticals. This also elicits questions about what ‘life’ is and how science and society can mutually ensure responsible innovation – for example when it comes to societal acceptance, controlling risks and protecting intellectual property. The extra investments in synthetic biology provide opportunities for successful international competition in this area, in which natural scientists and social scientists work closely together.
3 Facts about Wageningen University & Research

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Output 52
Wageningen University & Research data for 2018

1 faculty

5 departments

94 chair groups

professors

238

- Agrotechnology & Food Sciences: 22 chair groups
- Animal Sciences: 12 chair groups
- Environmental Sciences: 20 chair groups
- Plant Sciences: 19 chair groups
- Social Sciences: 21 chair groups

- Rector magnificus
- President of the Executive Board
- Dean of Education
- Chair holders 95
- Personal professors 72
- Special/endowed professors 68
19 Bachelor's programmes

Animal Sciences
Biology
Biosystems Engineering
Biotechnology
Communication and Life Sciences
Economics and Governance
Environmental Sciences
Food Technology
Forest and Nature Conservation
Health and Society

International Land and Water Management
International Development Studies
Landscape Architecture and Planning
Management and Consumer Studies
Molecular Life Sciences
Nutrition and Health
Plant Sciences
Soil, Water, Atmosphere
Tourism (joint degree)

30 Master's programmes

Animal Sciences
Aquaculture and Marine Resource Management
Biobased Sciences
Bioinformatics
Biology
Biosystems Engineering
Biotechnology
Climate Studies
Communication, Health and Life Sciences
Development and Rural Innovation
Earth and Environment
Environmental Sciences
Food Quality Management
Food Safety
Food Technology
Forest and Nature Conservation
Geo-information Science
International Development Studies

International Land and Water Management
Landscape Architecture and Planning
Leisure, Tourism and Environment
Management, Economics and Consumer Studies
Metropolitan Analysis, Design and Engineering (joint degree)
Molecular Life Sciences
Nutrition and Health
Organic Agriculture
Plant Biotechnology
Plant Sciences
Urban Environmental Management
Water Technology (joint degree)
### Number of students excluding PhD students

<table>
<thead>
<tr>
<th>Period</th>
<th>Total</th>
<th>Dutch</th>
<th>Non-Dutch</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-2003</td>
<td>4,571</td>
<td>3,712</td>
<td>859</td>
</tr>
<tr>
<td>2018-2019</td>
<td>12,007</td>
<td>9,479</td>
<td>2,528</td>
</tr>
</tbody>
</table>

### Number of students per study phase October 2018

<table>
<thead>
<tr>
<th>Study programme</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc students</td>
<td>5,832</td>
</tr>
<tr>
<td>MSc students</td>
<td>6,105</td>
</tr>
<tr>
<td>pre-master</td>
<td>70</td>
</tr>
</tbody>
</table>
### Origin of students
excluding PhD students, including exchange students

<table>
<thead>
<tr>
<th>Nationality</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Netherlands</td>
<td>9,750</td>
</tr>
<tr>
<td>Europe</td>
<td>1,541</td>
</tr>
<tr>
<td>Asia</td>
<td>973</td>
</tr>
<tr>
<td>Americas</td>
<td>186</td>
</tr>
<tr>
<td>Africa</td>
<td>118</td>
</tr>
<tr>
<td>Oceania</td>
<td>9</td>
</tr>
</tbody>
</table>

#### 100 nationalities
Afghanistan, Australia, Austria, Bangladesh, Belgium, Bhutan, Bolivia, Bosnia, Brazil, Bulgaria, Cameroon, Canada, Chile, China, Colombia, Congo, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, Estonia, Ethiopia, Finland, France, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Honduras, Hungary, Iceland, India, Indonesia, Iran, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Kuwait, Latvia, Lebanon, Lithuania, Luxembourg, Malaysia, Malta, Mexico, Morocco, Mozambique, Myanmar, Nepal, New Zealand, Netherlands, Nigeria, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Romania, Russia, Rwanda, Saudi Arabia, Senegal, Singapore, Slovakia, Slovenia, Somalia, South Africa, South Korea, Spain, Sri Lanka, Suriname, Sweden, Switzerland, Syria, Taiwan, Tanzania, Thailand, Trinidad & Tobago, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uzbekistan, Vietnam, Zimbabwe
Alumni October 2018

Number of alumni

52,038

The Netherlands

Europe

Outside Europe

Number of alumni

52,038

Period

1970-1979
1980-1989
1990-1999
2000-2009
2010-2018

1970-1979
1980-1989
1990-1999
2000-2009
2010-2018

310
33
772
54
1,049
140
923
202
1,628
258

Average graduates per year

 Period
1970-1979
1980-1989
1990-1999
2000-2009
2010-2018

master
310
772
1,049
923
1,628

PhD gained
33
54
140
202
258

Facts about Wageningen University & Research
**Living and/or work location**

- **The Netherlands**: 78%
- **Europe**: 9%
- **Outside Europe**: 13%

**Working abroad**

- **Dutch**: 13%
- **Non-Dutch**: 85%

**Market sectors in which Wageningen alumni work**

- **Private sector**: 47%
- **Research & Education**: 23%
- **Government**: 17%
- **Non-profit sector**: 13%

**Distribution male/female**

- **Male**
  - Dutch alumni: 56%
  - Non-Dutch alumni: 49%
- **Female**
  - Dutch alumni: 44%
  - Non-Dutch alumni: 51%

**Labour market opportunities**

- 63% find work within three months after graduation
- 91% find work within one year after graduation
- 60% of alumni who found work within one year, work at MSc Level
Employee December 2018

Number of employees in fte

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>5,961</td>
<td>2,561</td>
<td>1,064</td>
</tr>
<tr>
<td>2018</td>
<td>5,131</td>
<td>1,514</td>
<td>977</td>
</tr>
</tbody>
</table>

Number of employees per organisational unit (2018, in fte)

- Agrotechnology & Food Sciences*: 880
- Animal Sciences*: 810
- Environmental Sciences*: 701
- Plant Sciences*: 1,010
- Social Sciences*: 704
Nationalities of employees, in fte

Dutch

Non-Dutch

- Germany 2.2%
- Italy 1.2%
- China 1.1%
- Other 10%

Number of employees per organisational unit (2018, in fte)

Dutch
85.5%

Non-Dutch

14.5%

3,625 2,336 5,961 2,002

Male 1,518 1,267 1,373 977
Female

Wageningen Research Foundation Wageningen University

Total

Male 1,514 1,373 1,064 818
Female

Agrotechnology & Food Sciences
Animal Sciences
Environmental Sciences
Plant Sciences
Social Sciences
Wageningen Food Safety Research
Corporate Staff
Facility Services

880 701 1,010 810 704 175 407 444

* Sciences groups
Examples of collaborative partnerships

• **AlgaeParc**
  This facility for micro-algae research on the edge of Wageningen Campus is financed with money received from the Dutch Ministry of Economic Affairs, the Province of Gelderland and Wageningen University & Research. The research itself is funded by users.
  www.wur.eu/algaeparc

• **Wageningen Shared Research Facilities**
  Wageningen Shared Research Facilities utilises facility-sharing to give access to Wageningen University & Research's state-of-the-art research facilities to researchers from all organisations.
  www.wur.eu/shared-research-facilities

• **Top sectors Horticulture & propagating materials and AgroFood**
  Top sectors are areas in which the Dutch business community and research centres excel on a global scale. The business community, universities, research centres and the Dutch government work together on knowledge and innovation in order to continue to strengthen this position of excellence.

• **Dairy Campus**
  Educational institutions, research institutes and governmental bodies work together within Dairy Campus to create a meeting space for study programmes, work placements and graduation procedures and for research and innovative projects in the dairy sector.
  www.dairycampus.nl

• **FoodValley Foundation**
  Food Valley NL works in proximity to and in cooperation with many national and international food companies and highly-respected knowledge institutes to bring knowledge and entrepreneurship together in a targeted way, thereby creating a breeding ground for further innovation from within Wageningen University & Research.
  www.foodvalley.nl

• **FoodValley region**
  Regio FoodValley is a partnership between eight municipalities totalling 330,000 residents. This partnership has the goal of developing the FoodValley region into Europe's leading agro-food centre and into a leading international region for knowledge and innovation in the area of healthy, sustainable food.
  www.regiofoodvalley.nl
• **Wetsus**

Wetsus, the centre for sustainable water technology, is a research institute which unites the forces of the business community and leading universities and research institutes. As a top technological institute, Wetsus develops innovative, sustainable water technologies. Together with three universities, more than 40 companies – multinationals and small and medium-sized businesses – participate in Wetsus.

[www.wetsus.nl](http://www.wetsus.nl)

• **Science Shop**

The Science Shop of Wageningen University & Research mediates research questions from civic and community organisations, action groups and associations in the areas of sustainable agriculture, rural development, nature & the environment and consumers & food.

[www.wur.eu/scienceshop](http://www.wur.eu/scienceshop)

*We are well aware that our partners need to achieve genuine social breakthroughs*
Historical timeline

**Wageningen University**

1876
The state takes over the local council’s Agricultural College in Wageningen: the start of National Agricultural Education in The Netherlands.

1904
Wageningen education has been developed to a higher level and the institution is now called the National Higher College of Agriculture, Horticulture and Forestry.

1918
Wageningen’s status as an institute of higher education is legally ratified, and it becomes the National Agricultural College on 9 March 1918.

1936
Establishment of the Institute for Research and Processing of Fruit and Vegetables in Wageningen (now part of Agrotechnology & Food Sciences Group).

1940
Establishment of the Agricultural Economics Institute (LEI).

1951
Establishment of the International Agricultural Centre (IAC).

1956
Post-war developments in education and research necessitate new legislation: the Agricultural College Statute.

1968
From now on the Agricultural College is subject to the same law that governs other universities: the Academic Education Act.

1971
Establishment of PHLO (now part of Wageningen Academy).

1976
Establishment of RIKILT. The result of a merger of the National Agriculture Testing Station in Maastricht and the National Dairy Station in Leiden.

1986
In accordance with amendments to the Academic Education Act, the Agricultural College is now called the Agricultural University.

1991
A forestry research station is established (now part of Alterra).

1903
Establishment of the National Dairy Station in Leiden.

1899
Botanical gardens are established at Westland and Boskoop (now part of PPO). The government agricultural research station for seed inspection (part of the current PRI) becomes a separate organisation.

1938
Establishment of the DLO Research Institutes.

1976
Establishment of PHLO (now part of Wageningen Academy).

1877
Foundation of the first agricultural research station in Wageningen (predecessor to the current research institutes).

1888
The National Institute for Fisheries Studies is set up in IJmuiden (now part of Wageningen IMARES).

1898
Establishment of the National Agriculture Testing Station in Maastricht.

DLO

1904
Wageningen education has been developed to a higher level and the institution is now called the National Higher College of Agriculture, Horticulture and Forestry.

1919
A forestry research station is established (now part of Alterra).

1936
Establishment of the Institute for Research and Processing of Fruit and Vegetables in Wageningen (now part of Agrotechnology & Food Sciences Group).

1940
Establishment of the Agricultural Economics Institute (LEI).

1971
Establishment of PHLO (now part of Wageningen Academy).

1976
Establishment of RIKILT. The result of a merger of the National Agriculture Testing Station in Maastricht and the National Dairy Station in Leiden.

1876
The state takes over the local council’s Agricultural College in Wageningen: the start of National Agricultural Education in The Netherlands.

1877
Foundation of the first agricultural research station in Wageningen (predecessor to the current research institutes).

1888
The National Institute for Fisheries Studies is set up in IJmuiden (now part of Wageningen IMARES).

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1904
Wageningen education has been developed to a higher level and the institution is now called the National Higher College of Agriculture, Horticulture and Forestry.

1918
Wageningen’s status as an institute of higher education is legally ratified, and it becomes the National Agricultural College on 9 March 1918.

1936
Establishment of the Institute for Research and Processing of Fruit and Vegetables in Wageningen (now part of Agrotechnology & Food Sciences Group).

1940
Establishment of the Agricultural Economics Institute (LEI).

1951
Establishment of the International Agricultural Centre (IAC).
Wageningen University & Research

1997
The formation of Wageningen University and Research Centre (Wageningen UR) begins; the Agricultural University merges with the DLO Research Institutes and the Institutes for Applied Research.

1998
Official launch of Wageningen UR, following a staff merger. The Agricultural University officially becomes Wageningen University.

2000
Alterra and PRI are established within Wageningen UR.

2001
PPO, IAC, PV, ILRI and ISRIC become a part of Wageningen UR.

2002
CIDC Lelystad is established.

2002
Decision to form campus.

2003
PHLO merges with Wageningen Business School.

2004
Cooperation VHL Van Hall Larenstein University of Applied Sciences becomes part of Wageningen UR.

2005
IAC, the North-South Centre and the ‘Europadesk’ merge to become Wageningen International.

2006
RIVO, in cooperation with parts of Alterra and the Department of Ecological Risks of TNO, establishes Wageningen IMARES.

2007
Opening of Wageningen Campus and Forum.

2008
CIDC Lelystad and the Infectious Animal Diseases section of the Animal Sciences Group join together to form the Central Veterinary Institute.

2009
NIOO establishes itself at Wageningen Campus.

2010
New construction of RIKILT, arrival of nVWA (Netherlands Food and Consumer Product Safety Authority) labs.

2011
Opening of AlgaeParc.

2012
Wageningen University has the highest number of students in its history, and growth continues.

2012
Zodiac comes to Wageningen Campus.

2012
Opening of Impulse.

2012
Start of disengagement of Van Hall Larenstein.

2013
Opening of Orion.

2013
FrieslandCampina Innovation Centre establishes itself at Wageningen Campus.

2013
Stoas establishes itself at Wageningen Campus.

2016
Introduction new brand name: Wageningen University & Research.

2016
Opening Helix and Plus Ultra buildings on Wageningen Campus.

2016
Wageningen University & Research celebrates 100th anniversary.

2019
Unilever establishes itself at Wageningen Campus.
Financial figures

Agrotechnology & Food Sciences Group
Turnover: € 111 mln

Animal Sciences Group
Turnover: € 129 mln

Environmental Sciences Group
Turnover: € 94 mln

Plant Sciences Group
Turnover: € 133 mln

Social Sciences Group
Turnover: € 88 mln

Central departments
Turnover: € 104 mln

Wageningen Academy
Turnover: € 2 mln

Wageningen Food Safety Research
Turnover: € 25 mln

Turnover
686
million

Source: annual report 2018
Financial figures

Turnover
686 million

Funding

Wageningen University
€ 363 mln
- Direct government funding € 203 Million
- Indirect government funding € 32 Million
- Private funding € 60 Million
- Tuition fees € 38 Million
- Other income € 30 Million

Wageningen Research
€ 323 Million
- Core funding € 25 Million
- Programme funding € 75 Million
- Co-funding and subsidies € 24 Million
- Top sectors € 57 Million
- Bilateral market € 99 Million
- Subsidiary activities € 37 Million
- Other income € 6 Million

Source: annual report 2018
Locations

Locations in the Netherlands

Wageningen University
  Wageningen, 1
Wageningen Academy
  Wageningen, 1
Agrotechnology & Food Sciences Group
  Wageningen, 1
Animal Sciences Group
  Den Helder, 8
  Hengelo (Gld.), 2
  IJmuiden, 6
  Leeuwarden, 5
  Lelystad, 3
  Sterksel, 4
  Wageningen, 1
  Yerseke, 7
Dairy Campus
  Leeuwarden, 5
Environmental Sciences Group
  Renkum, 24
  Wageningen, 1
Plant Sciences Group
  Bleiswijk, 10
  Lelystad, 3
  Marwijksoord, 11
  Nagele, 12
  Randwijk, 13
  Valtersmond, 14
  Vredepeel, 15
  Wageningen, 1
  Westmaas, 16
  Wijnandsrade, 26
Wageningen Food Safety Research
  Wageningen, 1
Social Sciences Group
  Alkmaar, 17
  Drachten, 18
  Dalfsen, 19
  Den Haag, 9
  Goes, 20
  Haaksbergen, 21
  Lelystad, 3
  Meijel, 25
  Oisterwijk, 23
  Wageningen, 1

Wageningen worldwide Locations in the Netherlands

Beijing, China
Wageningen University & Research is active in many regions of the world. From China to Chile and from Ethiopia to the Arctic, we work together with partners in research programmes.
## Output/scientific prominence

### Output 2017

**PhD theses**

286

**Scientific publications in journals with an impact factor > 20 (e.g. Nature, Science)**

34

### Veni, Vidi, Vici in 2017

<table>
<thead>
<tr>
<th>Veni</th>
<th>Vidi</th>
<th>Vici</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>5</td>
<td>2</td>
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</tbody>
</table>

### Rankings

<table>
<thead>
<tr>
<th>Rank</th>
<th>Field</th>
<th>Source</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Agriculture and Forestry</td>
<td>WUR</td>
<td>QS World University Rankings 2019</td>
</tr>
<tr>
<td>1</td>
<td>Environmental Sciences</td>
<td>WUR</td>
<td>QS World University Rankings 2019</td>
</tr>
<tr>
<td>7</td>
<td>Environment &amp; Ecology</td>
<td>WUR</td>
<td>National Taiwan Ranking 2019</td>
</tr>
<tr>
<td>1</td>
<td>Agriculture</td>
<td>WUR</td>
<td>National Taiwan Ranking 2019</td>
</tr>
<tr>
<td>1</td>
<td>Food Science &amp; Technology</td>
<td>WUR</td>
<td>National Taiwan Ranking 2019</td>
</tr>
<tr>
<td>1</td>
<td>Plant Sciences &amp; Animal Sciences</td>
<td>WUR</td>
<td>Shanghai Ranking of World Universities 2019</td>
</tr>
<tr>
<td>3</td>
<td>Agricultural Sciences</td>
<td>WUR</td>
<td>Shanghai Ranking of World Universities 2019</td>
</tr>
</tbody>
</table>

WUR ranking in Keuzegids in full time university education 2019

1 (14 years running)

WUR ranking in Shanghai Ranking of World Universities 2019

Food Science & Technology

2

WUR ranking in National Taiwan Ranking 2019

Environment & Ecology

1 (6 years running)

WUR ranking in Times Higher Education World University Rankings 2018-2019

64

WUR ranking in Shanghai Ranking of World Universities 2019

Agricultural Sciences

1
Colophon

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