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 more than 20 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 7,200 employees (6,400 fte) and 13,200 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
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 joining of forces allows education and research to partner in focused, high-quality projects (see the organigram on the previous page).

The combination of research, education and value creation has made us internationally successful
Our strength: education, research and value creation

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, 31 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, 22% 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 learning modules, in-company training options and (executive) management
training to professionals in the Agri & Food sector via the Wageningen Academy and the Wageningen 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 university's 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>
<tbody>
<tr>
<td><img src="icon_food.png" alt="Food" /></td>
<td><img src="icon_animal.png" alt="Animal" /></td>
<td><img src="icon_environment.png" alt="Environment" /></td>
<td><img src="icon_plant.png" alt="Plant" /></td>
<td><img src="icon_social.png" alt="Social" /></td>
</tr>
</tbody>
</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 94 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 arisen 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>Other examples of spin-offs of Wageningen University &amp; Research:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• A-Mansia Biotech</td>
<td>• PEEK</td>
</tr>
<tr>
<td>• Caribou Biosciences</td>
<td>• Biqualsys</td>
</tr>
<tr>
<td>• Ceradis</td>
<td>• BunyaVax</td>
</tr>
<tr>
<td>• Covaccine</td>
<td>• Chaincraft</td>
</tr>
<tr>
<td>• Fresh Forward</td>
<td>• Clear Detection</td>
</tr>
<tr>
<td></td>
<td>• FUMI Ingredients</td>
</tr>
<tr>
<td></td>
<td>• Livestock Robotics</td>
</tr>
</tbody>
</table>

• Green Dino
• Isolife
• Rival Food
• Scope Biosciences

• PhenoVation
• Pherobank
• Plant-e
• PreMal
• Time Travelling Milkman
Our research themes
Five 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:

- Climate change
- Circular & Biobased Economy
- Nutrition & Health
- From hunger to food security
- Biodiversity

The research institutes

**Wageningen Bioveterinary Research** – Top level biomedical and veterinary research for animal and public health.

**Wageningen Economic Research** – Social and economic research and advice for policy and decision-making processes.

**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 Livestock Research** – Science-based solutions for a sustainable and profitable livestock sector.

**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

Our investment themes expand fundamental and applied research on priority issues with temporary investments, after which these themes are embedded in our regular research portfolio. In the 2019-2022 Strategic Plan, we chose three investment themes: Connected circularity, Protein transition, and Digital twins. These four-year research programmes end in 2022. At the start of 2022, we will launch three new three-year investment themes: Biodiversity-positive food systems, Transformative bioeconomies and, Data-driven discovery in a changing climate.

These six 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.
**Connected circularity (till the end of 2022)**
The need is growing for circularity in separate food chains and materials segments (e.g. agriculture, food processing, consumption, waste, chemicals, materials) and at various aggregation levels. Circularity should be nature inclusive, environmentally sustainable, economically viable, resilient, and ‘climate neutral’. But, individual circular systems are all connected and influence each other. We will investigate the synergies and trade-offs between individual circular systems to design connected circular systems that cross segments and aggregation levels. We aim to ensure optimal use and valorisation of renewable resources (biomass).

**The protein transition (till the end of 2022)**
Proteins are the building blocks of life on earth. Both their quantity and quality in food play a major role in human and animal health. Currently, a significant part of proteins are consumed through animal-based products. However, our planet’s increasing demand for animal protein is outpacing its carrying capacity. We need to transition to more sustainable protein production and consumption. Plant-based proteins and new sources, like insects and seaweed, offer sustainable and economically attractive alternatives in addition to meat. This theme considers how this protein transition can be facilitated and what its biological, health and social/societal consequences, and feasibility are.

**Digital twins (till the end of 2022)**
 Humanity is increasingly building digital images of real objects. These ‘digital twins’ are created for living objects, such as cells, plants, animals, people and ecosystems, as well as for non-living objects, for instance, food and supply chains. Digital twins are created by deploying sensors and new sensing techniques, in combination with increased data connectivity, interconnected computing systems and artificial intelligence. They can be used not only to understand, describe and analyse reality, but also to predict the future state of
those objects. This technological exploration needs to be accompanied by an understanding of ethical and societal limits to its potential applications.

**Biodiversity-positive food systems (2022-2024)**
The rate of biodiversity decline is unprecedented. There are growing concerns that this biodiversity loss will, among others, undermine our food system resilience. We therefore need to explore pathways towards food systems with biodiversity as an intrinsic, vital component. We will explore:
- how genetic and species diversity of crops and livestock can be implemented to enhance ecosystem services such as food production, soil health, and resilience to stress (abiotic and biotic);
- how biodiversity-positive farming practices can be scaled up in different regions;
- the post-harvest implications for industry and other stakeholders.
In this theme, we will develop new integrated WUR expertise and knowledge on agriculture and environment in a systems approach towards food systems that meet the local and global goals for food security, biodiversity conservation and human wellbeing.

**Transformative bioeconomies (2022-2024)**
Many materials we use for comfort and shelter such as building and construction, packaging, furniture, and textiles, are made from fossil carbon resources. Converting to renewable carbon-based materials is an important aspect of our transition to a circular bioeconomy. We will work together with leading (research) organisations in materials production to gain new knowledge on three different transformative pathways towards renewable materials and phasing out fossil carbon resources:
- producing materials from biomass main and side streams;
- producing material through \( \text{CO}_2 \) capture and use;
- recycling of carbon-based materials.
The fundamental knowledge gained from these three pathways, and the role of leading organisations therein, will further deepen our knowledge and understanding of how to facilitate responsible and socially-just system transformation in our domain.

**Data Driven Discovery in a changing climate (2022-2024)**
Heat waves, forest fires, floods, and landslides: these extreme events are now global and increasing in frequency. We urgently need to gain a deeper understanding of these regional climate change effects, and to identify viable adaptation and mitigation strategies. Recent developments in machine learning and AI (Artificial Intelligence) offer promising approaches and tools for gaining a better understanding and for creating solutions to these extremely complex problems. Building collaborations between data science and climate change expertise will lead to data-driven discoveries in regional climate change, providing valuable insights into how to use AI in climate change research.
Wageningen University & Research data for 2022

1 faculty

5 departments

94 chair groups

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Chair Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agrotechnology &amp; Food Sciences</td>
<td>22</td>
</tr>
<tr>
<td>Animal Sciences</td>
<td>12</td>
</tr>
<tr>
<td>Environmental Sciences</td>
<td>20</td>
</tr>
<tr>
<td>Plant Sciences</td>
<td>19</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>21</td>
</tr>
</tbody>
</table>

professors 228

- Rector magnificus
- President of the Executive Board
- Dean of Education
- Chair holders 95
- Personal professors 72
- Special/endowed professors 58
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 Development Studies
International Land and Water Management
Landscape Architecture and Planning
Management and Consumer Studies
Molecular Life Sciences
Nutrition and Health
Plant Sciences
Soil, Water, Atmosphere
Tourism (joint degree)

31 Master's programmes

Animal Sciences
Aquaculture and Marine Resource Management
Biobased Sciences
Bioinformatics
Biology
Biosystems Engineering
Biotechnology
Climate Studies
Communication, Health and Life Sciences
Data Science for Food and Health
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
Management, Economics and Consumer Studies
Metropolitan Analysis, Design and Engineering
(joint degree)
Molecular Life Sciences
Nutrition and Health
Organic Agriculture
Plant Biotechnology
Plant Sciences
Tourism, Society and Environment
Urban Environmental Management
Water Technology (joint degree)
### Number of students excluding PhD candidates

<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>2021-2022</td>
<td>13,153</td>
<td>10,240</td>
<td>2,913</td>
</tr>
</tbody>
</table>

### Number of students per study phase

<table>
<thead>
<tr>
<th>Study programme</th>
<th>Number</th>
<th>BSc students</th>
<th>MSc students</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc students</td>
<td>5,792</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSc students</td>
<td>7,249</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pre-master</td>
<td>112</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Origin of students
excluding PhD students, including exchange students

<table>
<thead>
<tr>
<th>Origin</th>
<th>Number of students excluding PhD candidates</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Netherlands</td>
<td>10,490</td>
</tr>
<tr>
<td>Europe</td>
<td>1,894</td>
</tr>
<tr>
<td>Asia</td>
<td>965</td>
</tr>
<tr>
<td>Americas</td>
<td>189</td>
</tr>
<tr>
<td>Africa</td>
<td>128</td>
</tr>
<tr>
<td>Oceania</td>
<td>4</td>
</tr>
</tbody>
</table>

112 nationalities

Albania, Australia, Argentina, Austria, Bangladesh, Belarus, Belgium, Benin, Bhutan, Brazil, Bulgaria, Cambodia, Cameroon, Canada, Chile, China, Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Congo, Denmark, Ecuador, Egypt, El Salvador, Estonia, Ethiopia, Finland, France, Georgia, Germany, Ghana, Greece, Guyana, Honduras, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Japan, Jordan, Kazakhstan, Kenya, Kosovo, Latvia, Lebanon, Liberia, Lithuania, Luxembourg, Malaysia, Mali, Malta, Mauritius, Mexico, Mongolia, Montenegro, Morocco, Myanmar, Namibia, Nepal, New Zealand, Netherlands, Nicaragua, Nigeria, Norway, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Romania, Russia, Rwanda, Saudi Arabia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, Somalia, South Africa, South Korea, Spain, Sri Lanka, Sudan, Suriname, Sweden, Switzerland, Syria, Taiwan, Tanzania, Thailand, Tunesia, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uruguay, Venezuela, Vietnam, Zambia, Zimbabwe
Alumni October 2021

Number of alumni

59,670

From the Netherlands

44,402

From Europe

5,489

From Outside Europe

9,779

Average graduates per year

<table>
<thead>
<tr>
<th>Period</th>
<th>master</th>
<th>PhD gained</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970-1979</td>
<td>310</td>
<td>33</td>
</tr>
<tr>
<td>1980-1989</td>
<td>772</td>
<td>54</td>
</tr>
<tr>
<td>1990-1999</td>
<td>1,049</td>
<td>140</td>
</tr>
<tr>
<td>2000-2009</td>
<td>923</td>
<td>202</td>
</tr>
<tr>
<td>2010-2019</td>
<td>1,671</td>
<td>260</td>
</tr>
<tr>
<td>2021-2022</td>
<td>2,131</td>
<td>287</td>
</tr>
</tbody>
</table>
Market sectors in which Wageningen alumni work

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

Distribution male/female

- Dutch alumni: Male 54%, Female 46%
- Non-Dutch alumni: Male 47%, Female 53%

Labour market opportunities

- 67% find work within three months after graduation
- 97% find work within one year after graduation
- 64% of alumni who found work within one year, work at MSc Level
## Employees December 2021

**Number of employees** in fte

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Wageningen Research Foundation</th>
<th>Wageningen University</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>5,961</td>
<td>2,561</td>
<td>1,518</td>
</tr>
<tr>
<td>2021</td>
<td>6,420</td>
<td>1,747</td>
<td>1,610</td>
</tr>
</tbody>
</table>

### Nationalities of employees, in fte

<table>
<thead>
<tr>
<th>Nationality</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>12.2%</td>
</tr>
<tr>
<td>Germany</td>
<td>2.5%</td>
</tr>
<tr>
<td>Spain</td>
<td>1.3%</td>
</tr>
<tr>
<td>Italy</td>
<td>1.9%</td>
</tr>
<tr>
<td>China</td>
<td>1.2%</td>
</tr>
</tbody>
</table>

### Number of employees per organisational unit (2021, in fte)

- **Agrotechnology & Food Sciences***: 1,080
- **Animal Sciences***: 950
- **Environmental Sciences***: 885
- **Plant Sciences***: 1,237

* Sciences groups
Nationalities of employees, in fte

**Dutch**
- 81%

**Non-Dutch**
- Spain: 1.3%
- Germany: 2.5%
- Italy: 1.9%
- China: 1.2%
- Other: 12.2%

Social Sciences*
- 851

Wageningen Food Safety Research
- 354

Corporate Staff
- 567

Facility Services
- 496

* Sciences groups
Examples of collaborative partnerships

- **Agrifood 5 Alliance**
  Global challenges will require transformations of the world’s agricultural and food systems. This need for disruptive changes that will lead to these transformations, motivated five top-ranked academic Institutions in the domain of agriculture, food and sustainability to join forces and to form the A5 Alliance. China Agricultural University, Cornell University, University of California Davis, University of Sao Paulo, and Wageningen University & Research aim to enable academic institutions to become more adaptive and agile to societal changes. www.agrifood5.net

- **Amsterdam Institute for Advanced Metropolitan Solutions (AMS)**
  AMS Institute is an internationally leading institute where talent is educated and engineers, designers, and both natural and social scientists jointly develop and valorise integrated metropolitan solutions. Together with Delft University and Massachusetts Institute of Technology (MIT), Wageningen University & Research aim to enable academic institutions to become more adaptive and agile to societal changes. www.ams-institute.org

- **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

- **Dutch universities of technology (4TU Federation)**
  The four universities join forces within the 4TU-federation to increase and pool technological expertise. The goal is to deliver sufficient well-educated engineers and technical designers to conduct socially relevant, internationally authoritative research and foster continued collaboration between research institutes and businesses. The 4TU universities are: TU Delft, Technical University Eindhoven, Twente University and Wageningen University & Research. www.4tu.nl/en

- **FoodValley**
  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

- **OnePlanet Research Center**
  OnePlanet Research Center is a multidisciplinary collaboration between the imec R&D centre for nano and digital technology, Radboud University, Radboudumc and Wageningen University & Research. OnePlanet initiates fundamental and applied research, groundbreaking innovations, and smart product uses by linking ideas, innovations and chip and nanotechnologies from different disciplines. www.oneplanetresearch.nl

- **Strategic alliance TU/e, WUR, UU and UMC Utrecht**
  Eindhoven University of Technology, Wageningen University & Research, Utrecht University and the University Medical Center (UMC) Utrecht collaborate intensively in a knowledge alliance.

The focus of this collaboration lies on young, highly talented academics and on those subject fields that are able to generate most impact, e.g. strengthening system transitions in the fields of energy, nutrition, health and the circular society. www.ewuu.nl/en

- **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

- **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. www.wetsus.nl

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

### Wageningen University

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>The state takes over the local council’s Agricultural College in Wageningen: the start of National Agricultural Education in the Netherlands.</td>
</tr>
<tr>
<td>1904</td>
<td>Wageningen education has been developed to a higher level and the institution is now called the National Higher College of Agriculture, Horticulture and Forestry.</td>
</tr>
<tr>
<td>1918</td>
<td>Wageningen’s status as an institute of higher education is legally ratified, and it becomes the National Agricultural College on 9 March 1918.</td>
</tr>
<tr>
<td>1936</td>
<td>Establishment of the Institute for Research and Processing of Fruit and Vegetables in Wageningen (now part of Agrotechnology &amp; Food Sciences Group).</td>
</tr>
<tr>
<td>1940</td>
<td>Establishment of the Agricultural Economics Institute (now part of Wageningen Economic Research).</td>
</tr>
<tr>
<td>1951</td>
<td>Establishment of the International Agricultural Centre (IAC).</td>
</tr>
<tr>
<td>1956</td>
<td>Post-war developments in education and research necessitate new legislation: the Agricultural College Statute.</td>
</tr>
<tr>
<td>1968</td>
<td>From now on the Agricultural College is subject to the same law that governs other universities: the Academic Education Act.</td>
</tr>
<tr>
<td>1971</td>
<td>Establishment of PHLO (now part of Wageningen Academy).</td>
</tr>
<tr>
<td>1976</td>
<td>Establishment of RIKILT (now part of Wageningen Food Safety Research). The result of a merger of the National Agriculture Testing Station in Maastricht and the National Dairy Station in Leiden.</td>
</tr>
<tr>
<td>1986</td>
<td>In accordance with amendments to the Academic Education Act, the Agricultural College is now called the Agricultural University.</td>
</tr>
</tbody>
</table>

### DLO

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1877</td>
<td>Foundation of the first agricultural research station in Wageningen (predecessor to the current research institutes).</td>
</tr>
<tr>
<td>1888</td>
<td>The National Institute for Fisheries Studies is set up in IJmuiden (now part of Wageningen Marine Research).</td>
</tr>
<tr>
<td>1898</td>
<td>Establishment of the National Agriculture Testing Station in Maastricht.</td>
</tr>
<tr>
<td>1899</td>
<td>Botanical gardens are established at Westland and Boskoop. The government agricultural research station for seed inspection becomes a separate organisation. Both are now part of Wageningen Plant Research.</td>
</tr>
<tr>
<td>1919</td>
<td>A forestry research station is established (now part of Wageningen Environmental Research).</td>
</tr>
<tr>
<td>1938</td>
<td>Establishment of the DLO Research Institutes.</td>
</tr>
<tr>
<td>1970s</td>
<td>Establishment of Wageningen University Research Institute for Health and Nutrition Sciences.</td>
</tr>
</tbody>
</table>
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
Stoas and FrieslandCampina Innovation Centre come to Wageningen Campus.

2013
Opening of Orion.

2014
Opening of Aurora.

2015
New brand name: Wageningen University & Research.

2018
Wageningen University & Research celebrates 100th anniversary.

2019
Province of Gelderland supports cooperation with Imec: OnePlanet settles on Wageningen Campus.

2019
Unilever establishes itself at Wageningen Campus.

2020
Opening Plus Ultra II.

2021
Opening Helix and Plus Ultra.
Financial figures

Agrotechnology & Food Sciences Group
Turnover: € 131 mln

Animal Sciences Group
Turnover: € 144 mln

Environmental Sciences Group
Turnover: € 109 mln

Plant Sciences Group
Turnover: € 159 mln

Social Sciences Group
Turnover: € 98 mln

Central departments
Turnover: € 121 mln

Wageningen Food Safety Research
Turnover: € 42 mln

Source: annual report 2021
Financial figures

Turnover
804 million

Funding

Wageningen University
€ 431 mln
- Direct government funding € 270 mln
- Indirect government funding € 36 mln
- Private funding € 48 mln
- Co-funding and subsidies € 20 mln
- Tuition fees € 36 mln
- Other income € 21 mln

Wageningen Research
€ 373 mln
- Core funding € 35 mln
- Programme funding € 104 mln
- Co-funding and subsidies € 27 mln
- Top sectors € 71 mln
- Bilateral market € 97 mln
- Subsidiary activities € 36 mln
- Other income € 3 mln

Source: annual report 2021

Agrotechnology & Food Sciences Group
Turnover: € 131 mln

Animal Sciences Group
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Turnover: € 42 mln
Locations

Locations in the Netherlands

Wageningen University & Research
Wageningen, 1

Wageningen Academy
Wageningen, 1

Agrotechnology &
Food Sciences Group
Wageningen, 1

Animal Sciences Group
Den Helder, 6
IJmuiden, 4
Leeuwarden, 3
Lelystad, 2
Wageningen, 1
Yerseke, 5

Environmental Sciences Group
Renkum, 21
Wageningen, 1

Plant Sciences Group
Bleiswijk, 8
Lelystad, 2
Marwijksoord, 9
Nagele, 10
Randwijk, 11
Valthermond, 12
Vredepeel, 13
Wageningen, 1
Westmaas, 14
Wijnandsrade, 23

Wageningen Food Safety Research
Wageningen, 1

Social Sciences Group
Alkmaar, 15
Drachten, 16
Dalfsen, 17
Den Haag, 7
Goes, 18
Haaksbergen, 19
Lelystad, 2
Meijel, 22
Oisterwijk, 20
Wageningen, 1

Wageningen worldwide
Locations in the Netherlands
Beijing, China
Addis Abeba, Ethiopia
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 2021

PhD theses

292

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

58

Veni, Vidi, Vici in 2021

Veni | Vidi | Vici
---|---|---
9 | 3 | 1

ERC Grants

Starting Grant since 2007

9

Advanced Grant since 2007

8

Consolidator Grant since 2013

4

Rankings

WUR ranking in QS World University Rankings 2022
*Agriculture and Forestry*

1 (7 years running)

WUR ranking in National Taiwan University Ranking, World Universities 2021
*Agriculture*

2

WUR ranking in QS World University Rankings 2022
*Environmental Sciences*

5

WUR ranking in Times Higher Education World University Rankings 2022

53
WUR ranking in Keuzegids in full time university education 2022

1 (17 years running)

WUR ranking in Academic Ranking of World Universities 2021
Agricultural Sciences

1 (5 years running)

WUR ranking in Food Science & Technology

3

WUR ranking in National Taiwan Ranking 2021
Environment & Ecology

3

WUR ranking in National Taiwan Ranking 2021
Plant Sciences & Animal Sciences

1
Colophon

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