

# PROFILE 2016 2017



AARHUS UNIVERSITY





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**Solidum petit in profundis**  
We seek solid ground in the depths

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### ABOUT THE PROFILE BROCHURE

This year's profile brochure is an updated and edited version of the 2015-16 profile brochure.

All figures are based on 2015 unless otherwise indicated.

The number of employees is expressed in FTEs.



The distinctive Main Hall, which towers over the University Park, is a central part of Aarhus University. The buildings on the central AU campus were designed by the Danish architect C.F. Møller and are today recognised as a uniquely cohesive architectural statement. Read more in the campus section on page 38.

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# KNOWLEDGE WHICH BENEFITS SOCIETY

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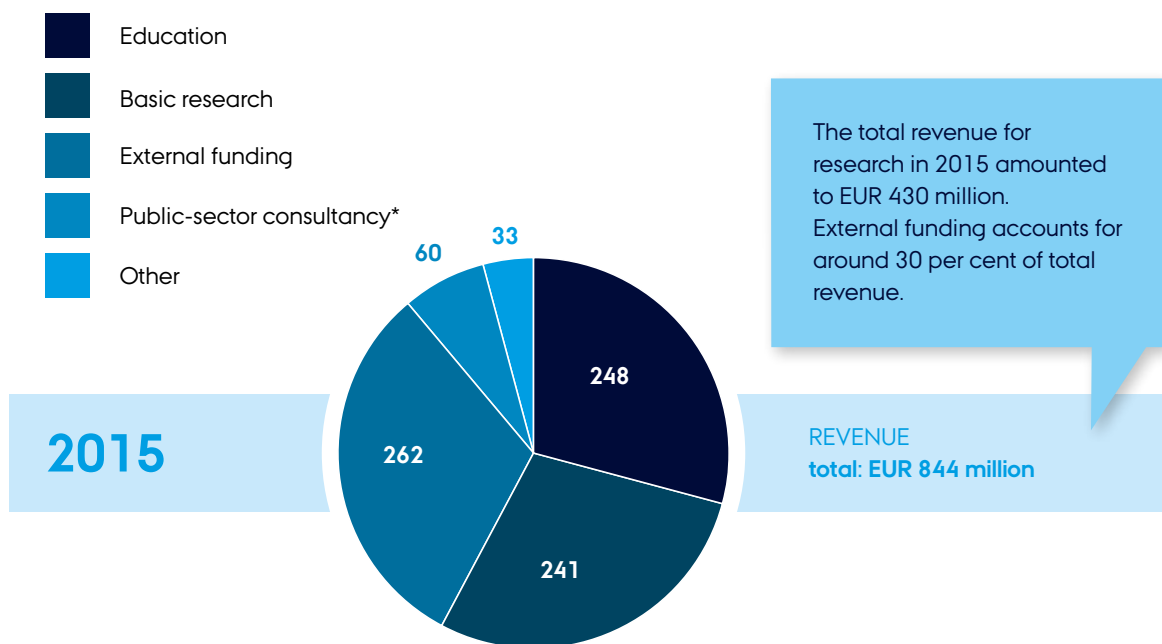
Aarhus University stands for quality and the continued pursuit of excellence in research and research-based education. Knowledge exchange, talent development and collaboration with society are high priorities.

Photo: Roar Lava Paaske

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# A STRONG FOUNDATION

Aarhus University is a globally oriented, academically diverse and research-intensive university with four faculties: Arts, Aarhus BSS, Health, and Science and Technology. Established in 1928 on the initiative of local citizens, the university is a relatively young institution. Today, thanks to its size and the research results it delivers, the university has a solid platform and strong impact, both in Denmark and internationally. And the university has high ambitions for the future, with a continued focus on excellence in education and research.



\* Including sector-related research and forensic medicine but not special contracts with the Ministry of Environment and Food of Denmark.

## MISSION

Aarhus University is an academically diverse and strongly research-oriented institution which creates and shares knowledge.

## VISION

Aarhus University strives to be a leading globally-oriented university with a strong engagement in the development of society.

## VALUES

The university defends the research freedom of individuals and desires to maintain and develop a culture which promotes collaboration, critical dialogue, curiosity and the independent search for new knowledge and insight.

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# 42,000

BACHELOR'S, MASTER'S, PHD AND PART-TIME STUDENTS

# 8,000

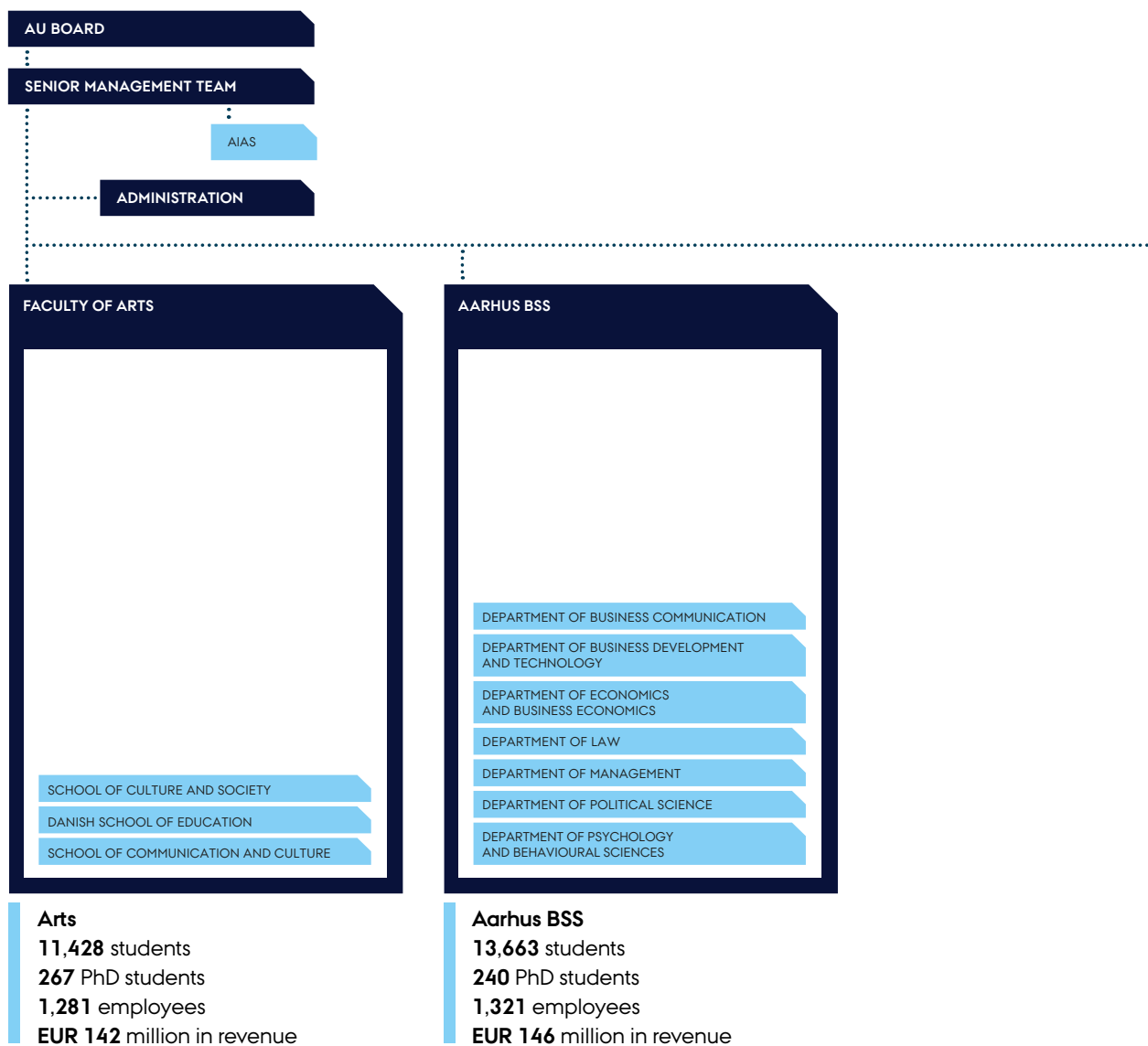
EMPLOYEES

# EUR 844 MILLION

IN REVENUE

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# DEEP INSIGHT, WIDE HORIZONS





# FOUR CORE ACTIVITIES

- Research
- Education
- Collaboration
- Talent development

With its four faculties, Aarhus University spans the entire research spectrum. And through its activities, the university reaches out to all sectors of society. The university combines an emphasis on depth of expertise within individual fields of inquiry with cross-disciplinary collaboration in research, education, talent development and partnerships with private and public businesses and institutions.

In addition to 36,500 Bachelor's and Master's degree students, there are 4,000 students across the university following further and continuing courses.

AARHUS  
UNIVERSITY HOSPITAL

## FACULTY OF HEALTH

DEPARTMENT OF BIOMEDICINE  
DEPARTMENT OF PUBLIC HEALTH  
DEPARTMENT OF CLINICAL MEDICINE  
DEPARTMENT OF DENTISTRY AND ORAL HEALTH  
DEPARTMENT OF FORENSIC MEDICINE

**Health**  
**4,330** students  
**665** PhD students  
**1,532** employees  
**EUR 175** million in revenue

## FACULTY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF AGROECOLOGY  
DEPARTMENT OF BIOSCIENCE  
DEPARTMENT OF COMPUTER SCIENCE  
DEPARTMENT OF PHYSICS AND ASTRONOMY  
DEPARTMENT OF FOOD SCIENCE  
DEPARTMENT OF GEOSCIENCE  
DEPARTMENT OF ANIMAL SCIENCE  
DEPARTMENT OF ENGINEERING  
DEPARTMENT OF CHEMISTRY  
DEPARTMENT OF MATHEMATICS  
DEPARTMENT OF ENVIRONMENTAL SCIENCE  
DEPARTMENT OF MOLECULAR BIOLOGY AND GENETICS  
AARHUS UNIVERSITY SCHOOL OF ENGINEERING  
INANO  
DCA - DANISH CENTRE FOR FOOD AND AGRICULTURE  
DCE - DANISH CENTRE FOR ENVIRONMENT AND ENERGY

**Science and Technology**  
**7,096** students  
**673** PhD students  
**2,949** employees  
**EUR 356** million in revenue



*Aurora* is Aarhus University's state-of-the-art research vessel, here seen on the Port of Aarhus. The spectacular Navitas building is visible in the background. Navitas is a centre for cutting-edge international technology and science education, research, innovation and entrepreneurship. Part of the engineering programme is located here. Read more about *Aurora* on page 14.

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# EXCELLENT RESEARCH CREATES BREAKTHROUGHS

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Aarhus University generates and shares knowledge which contributes to solving complex societal and global challenges. Increasingly, the university's activities cross boundaries – national, sectoral and disciplinary – which helps take research breakthroughs to new levels of achievement.



Photo: Lars Kruse

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## PUBLICATIONS/CITATIONS

Scientific publications from researchers at Aarhus University have a 16 per cent higher citation rate than the world average (CWTS Leiden Ranking, 2016).

## NOBEL PRIZES

Nobel Prize in Chemistry (1997) to **Emeritus Professor Jens Christian Skou, MD, DMSc** for his work on the sodium-potassium pump.

Nobel Prize in Economics (2010) to **Professor Dale T Mortensen**, Northwestern University and Aarhus University (now deceased), in recognition of his work on the labour market.

# A RESEARCH-INTENSIVE UNIVERSITY

Two Nobel Prize laureates in recent times, thirteen basic research centres, eight interdisciplinary centres and numerous other research centres, both large and small, all help Aarhus University achieve a high ranking on the most important international ranking lists. Today, Aarhus ranks among the top 100 universities in the world on several of these – out of over 17,000 universities worldwide.

## FACULTY OF ARTS

### BASIC RESEARCH CENTRE

- The Centre for Urban Network Evolutions (UrbNet)

### OTHER MAJOR RESEARCH CENTRES\*

- Aarhus University Research on the Anthropocene (AURA)
- The Centre for Advanced Visualization and Interaction (CAVI)

- Centre for Teaching Development and Digital Media

### INTERDISCIPLINARY CENTRES

- The Interacting Minds Centre (IMC)
- The Participatory Information Technology Centre (PIT)



**767**

academic staff members

**267**

PhD students

**ARTS** Faculty of Arts **BSS** Aarhus BSS – School of Business and Social Sciences **HE** Faculty of Health **ST** Faculty of Science and Technology

\*This is not a complete list of the university's centres. Please see au.dk or faculty websites for complete lists.

\*\*In collaboration with other faculties indicated by the abbreviations above.

## AARHUS BSS

Holds the international accreditations AACSB and AMBA, in addition to EQUIS for Aarhus BSS' business programmes.

### BASIC RESEARCH CENTRES

- The Centre on Autobiographical Memory Research (CON AMORE)
- The Center for Research in Econometric Analysis of Time Series (CREATES)

### OTHER MAJOR RESEARCH CENTRES\*

- The Centre for Alcohol and Drug Research

- The MAPP Centre – Research on Value Creation in the Food Sector for Consumers, Industry and Society
- The Danish Centre for Studies in Research and Research Policy (CFA)
- The National Centre for Register-based Research (NCRR)
- TrygFonden's Centre for Child Research
- The Tuborg Research Centre for Globalisation and Firms

### INTERDISCIPLINARY CENTRE

- The Centre for Integrated Register-based Research (CIRRAU) (with HE and ST\*\*)



# 711

Academic staff members

# 240

PhD students

## FACULTY OF HEALTH

### BASIC RESEARCH CENTRE

- Music in the Brain

### OTHER MAJOR RESEARCH CENTRES\*

- The Danish Center for Interventional Research in Radiation Oncology (CIRRO)
- The Center for Translational Molecular Diagnostics and Bioinformatic Risk Assignment in Common Cancer Diseases – Lundbeck Foundation Centre (CETAME)
- The Center of Functionally Integrative Neuroscience (CFIN)

- The Danish-Chinese Centre for Proteases and Cancer
- MIND – A Lundbeck Foundation Research Centre
- MEMBRANES
- Mental Health in Primary Care (MEPRICA)

### INTERDISCIPLINARY CENTRES

- Centre for Integrative Sequencing (iSEQ) (together with ST and BSS\*\*)
- MINDLab (cross-university research framework)



# 751

academic staff members

# 665

PhD students

## FACULTY OF SCIENCE AND TECHNOLOGY

### BASIC RESEARCH CENTRES

- The Center for Carbohydrate Recognition and Signalling (CARB)
- The Carbon Dioxide Activation Center (CADIAC)
- The Centre for DNA Nanotechnology (CDNA)
- The Center for Geomicrobiology
- The Centre for Quantum Geometry of Moduli Spaces (QGM)
- The Center for Massive Data Algorithmics (MADALGO)
- The Center for Materials Crystallography (CMC)
- The Centre for Membrane Pumps in Cells and Disease (PUMPKin)
- The Stellar Astrophysics Centre (SAC)

### OTHER MAJOR RESEARCH CENTRES\*

- The Bioinformatics Research Centre (BiRC)
- The International Centre for Research in Organic Food Systems (ICROFS)

### INTERDISCIPLINARY CENTRES

- Arctic Research Centre (ARC) (with Arts, BSS, HE\*\*)
- The Danish Research Institute of Translational Neuroscience (DANDRITE) (with HE\*\*)
- The Interdisciplinary Nanoscience Center (iNANO) (several departments involved)



# 1,656

academic staff members

# 673

PhD students

# STATE-OF-THE-ART RESEARCH FACILITIES – EXAMPLES

Aarhus University continually develops its physical research infrastructure. The goal is to provide the right conditions for scientific breakthroughs, and the facilities are in demand. They are used by the university's own researchers as well as national and international partners.

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## AURORA

A state-of-the-art, multipurpose research vessel which serves as a floating lab for biologists, geologists, geophysicists and other marine researchers. The vessel was launched in 2014 and is used in close cooperation with other universities, businesses and other partners.



## Cognition and Behavior Lab

A laboratory with state-of-the-art facilities for evidence-based research in human behaviour and cognition, primarily within economics, political science, psychology, linguistics, marketing and management. Among other equipment, the lab has two eye trackers that can monitor physiological parameters such as changes in pulse, breathing and muscle activity when the eye is subjected to different visual stimuli. Inaugurated in 2013.

## Department of Clinical Epidemiology (KEA)

KEA offers researchers access to clinical databases and registries which contain data on all Danish patients, a resource which helps put AU's epidemiology research in the international elite.

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### The Digital Humanities Laboratory (DIGHUMLAB)

A digital research lab which works to promote digital resources and tools to humanities and social science researchers. DIGHUMLAB is a national consortium based at Aarhus University. The consortium members are Aalborg University, Aarhus University, the University of Copenhagen, the University of Southern Denmark, the Royal Library and the State and University Library. Established in 2012.



### Foulum: biogas and HTL plants

Foulum is Denmark's centre for the development of the bio-based economy. An advanced biogas plant and an HTL plant make it possible to perform groundbreaking research of decisive importance in relation to CO<sub>2</sub> reduction and energy supply.



### Biobanks and Genome Sequencing

Using advanced sequencing technologies, a supercomputer can integrate and analyse large data sets from the unique Danish registry systems and biobanks combined with cell and animal models. The facilities are found at the iSEQ research centre, which is particularly focused on research to develop improved therapies for serious medical conditions including cancer and psychiatric disorders.



### HyperpolarisationMR

An advanced magnetic resonance scanner enhanced by hyperpolarisation which is used in medical imaging to diagnose and treat disease. This form of MRI is expected to lead to an increased understanding of – and better therapies for – some of the most common diseases in the Western world, such as cancer, diabetes, obesity and cardiovascular disease. Installed in 2014, Denmark was the third country in Europe to acquire MRI hyperpolarisation technology.



### The SONG telescope on Tenerife

The prototype of an ultra-modern robotic telescope for studying stars and planetary systems. The telescope is the first in the Danish-led telescope design and construction project SONG. The telescope is owned and operated by Aarhus University and the University of Copenhagen in collaboration with the Instituto de Astrofísica de Canarias on Tenerife.



### Research stations in Greenland

Aarhus University has two research stations in Greenland: Zackenberg Research Station in the north-east and Villum Research Station in the far north. The latter was inaugurated in 2015. These stations are a unique base for research into climate change in the High Arctic.



### The Danish Center for Ultrahigh Field NMR Spectroscopy

The largest of the centre's NMR spectrometers generates a magnetic field 500,000 times stronger than Earth's and is used to analyse substances at the molecular level. It is used in developing medicines and new materials as well as in food research. Inaugurated in 2015.



# GRADUATES ARE OUR MOST IMPORTANT CONTRIBUTION TO SOCIETY

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Aarhus University educates graduates with strong academic competences and skillsets which are in demand in academia as well as the private and public sectors. The keywords are research-based teaching in an attractive, open learning environment.

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Each year, around 285 new doctors graduate from Aarhus University. In a simulation lab at Aarhus University Hospital, two medical students are practicing ultrasound imaging, a field in which Aarhus University is a world leader. This is just one of many examples of research-based teaching, which is included in all of Aarhus University's degree programmes.



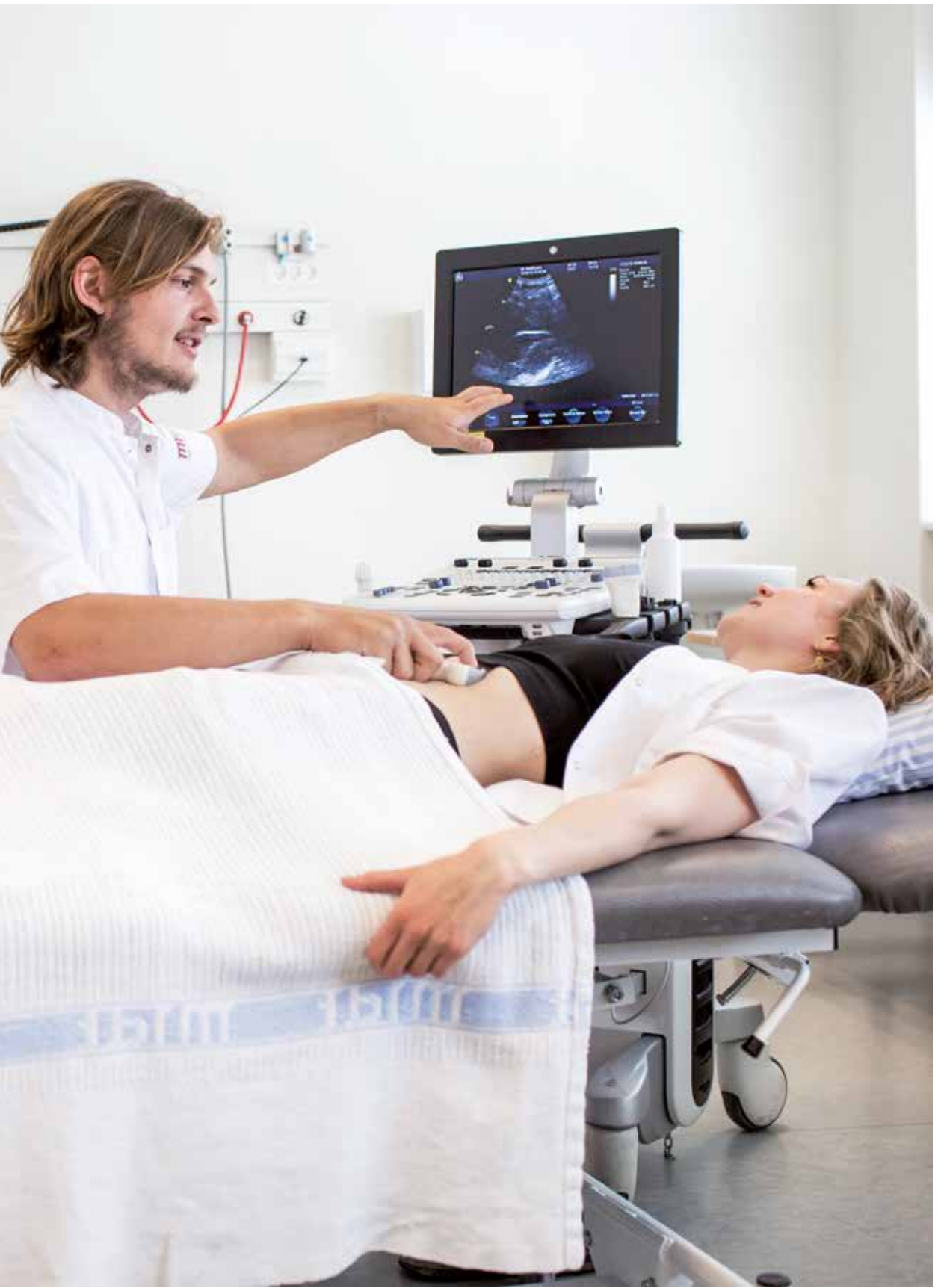


Photo: Lars Kruse

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ACADEMIC  
EXCELLENCE

+

A GOOD STUDY  
ENVIRONMENT

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=

ATTRACTIVE  
DEGREE  
PROGRAMMES

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Each year, more than 7,000 new students start a degree programme at Aarhus University. Here, they encounter courses and activities which develop and challenge their mastery of every aspect of their chosen fields across disciplinary and national boundaries. The university offers over 200 degree programmes and 4,000 courses which meet the highest international standard. Over half of the university's Master's degree programmes are offered in English.

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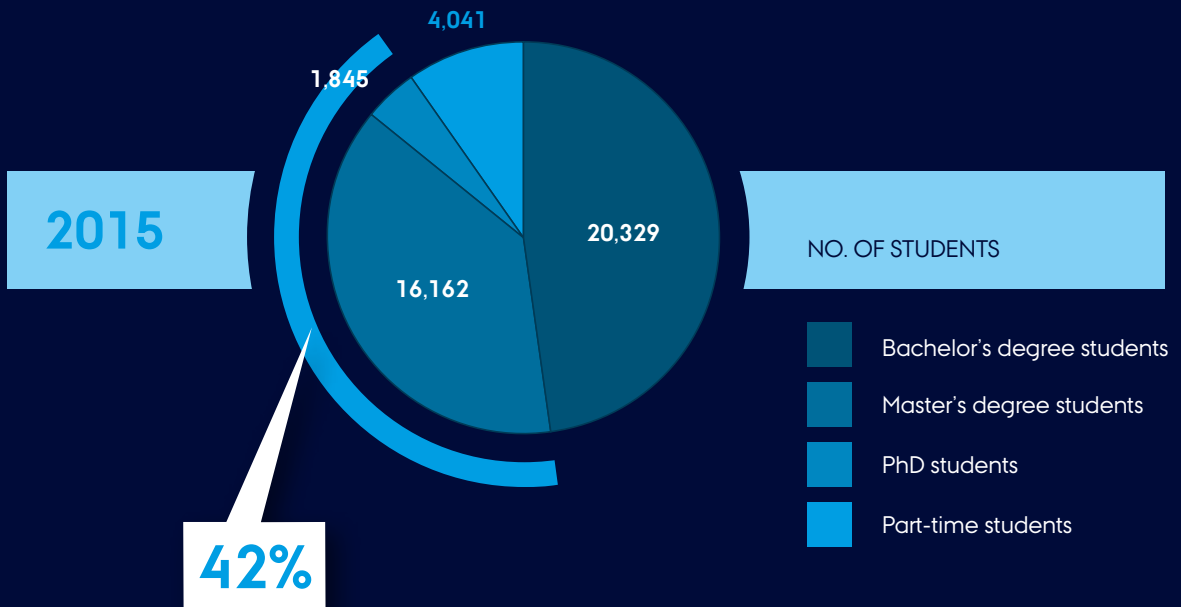
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# OUR GRADUATES ARE IN DEMAND ON THE LABOUR MARKET

In the university's own employment survey from 2014, 96 per cent of the respondents with Master's degrees and 98 per cent with PhDs reported finding a job within one year of completing their degree.

## KNOWN FOR AN OPEN LEARNING AND STUDY ENVIRONMENT THAT ...

- is based on an informal and direct dialogue between the students and researchers
- promotes independent and critical thinking
- provides a unique opportunity to combine courses from different disciplines
- is rated very highly by students: 88 per cent feel comfortable with their degree programme
- paves the way for study abroad
- has close ties to the labour market and offers good opportunities for internships

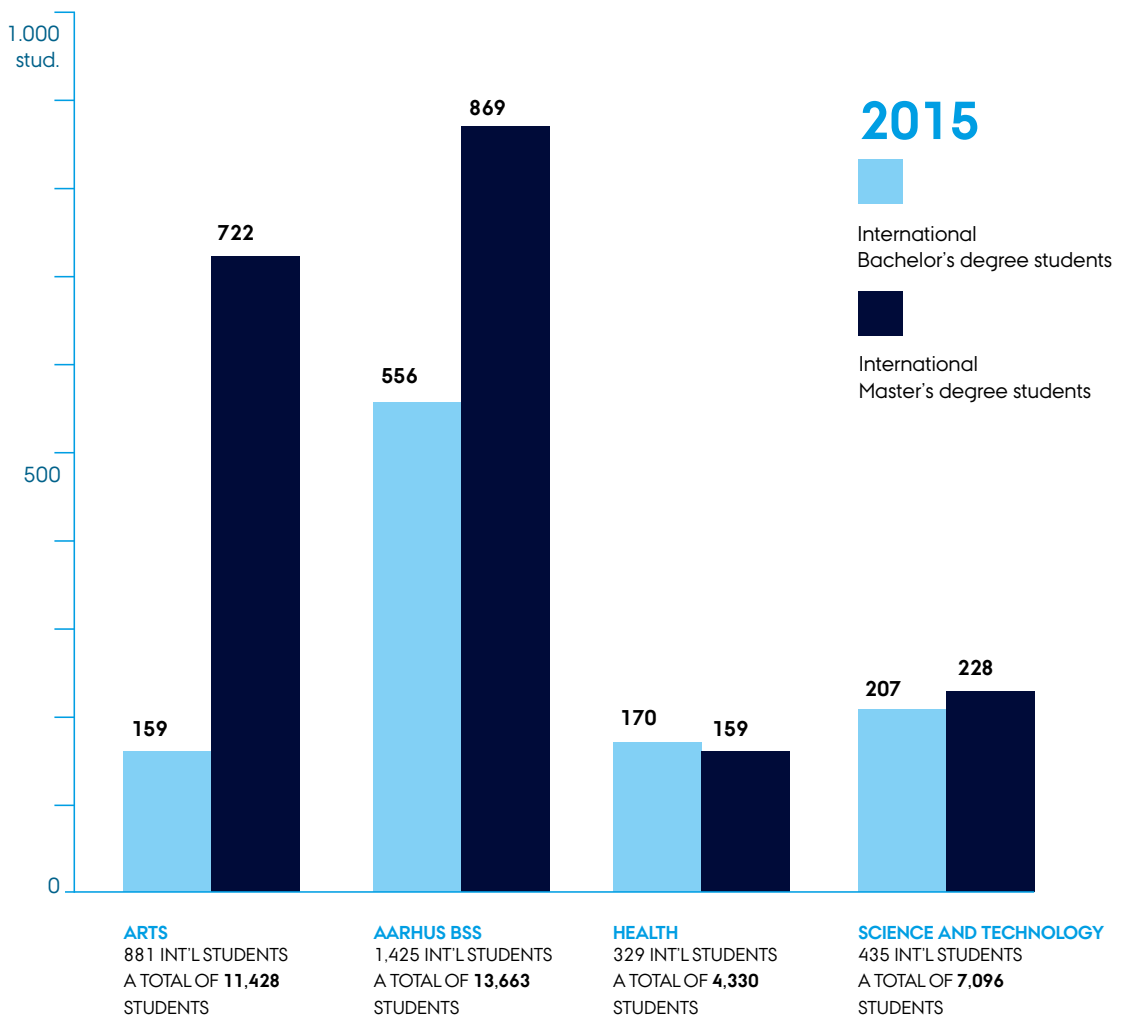


**A LARGE PROPORTION ARE ENROLLED IN  
MASTER'S OR PHD PROGRAMMES**

# STUDY ENVIRONMENTS WITHOUT BORDERS

Attracting the best students from abroad is an important goal, because it helps ensure a high academic level. At the same time, the many exchange agreements with other universities give students from Aarhus University varied opportunities to travel abroad and acquire the competences they need to compete on a globalised labour market.

## INTERNATIONAL STUDENTS IN FULL DEGREE PROGRAMMES



## EXCHANGE AGREEMENTS

Aarhus University has exchange agreements with over 50 different countries and is involved in prestigious international university networks and alliances.

- Coimbra Group
- Nordic Center Fudan
- Nordic Center India
- SANORD
- University of the Arctic
- Utrecht Network
- Participation in World 100 Reputation Network

## INTERNATIONAL STUDY ENVIRONMENT

- More than 60 degree programmes in English
- More than 3,000 international students enrolled in full degree programmes
- Over 120 nationalities represented among full-time students
- Approx. 80 nationalities represented among academic staff

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# 1,300

EXCHANGE STUDENTS ABROAD. IN ADDITION APPROX. 350 STUDENTS ARRANGE STAYS ABROAD FINANCED BY OVERSEAS SCHOLARSHIPS FROM THE GOVERNMENT

# 1,000

EXCHANGE STUDENTS AT AARHUS UNIVERSITY

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A number of faculties at Aarhus University work closely with the Danish-owned, international toy company LEGO. For example, in 2016, the interdisciplinary Interacting Minds Centre at Aarhus University signed a major five-year agreement with the LEGO Foundation to develop new methods of investigating and documenting how play promotes learning. Aarhus University collaborates with companies of all sizes on everything from recruitment and education to research.

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# COLLABORATION PUTS KNOWLEDGE TO WORK

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Through close relationships with industry and business, government, organisations and civil society, Aarhus University contributes to society's ability to innovate and adapt. This contribution is founded on the research the university brings into play in its interaction with the world – locally, nationally and globally.



# KNOWLEDGE CREATES DEVELOPMENT AND GROWTH

Concrete, innovative activities in collaboration with public and private businesses and organisations founded on research-based knowledge make Aarhus University an attractive partner that contributes to growth, development and sustainability. Here are just a few examples of such partnerships.



## Integrated psychiatric research

Aarhus University collaborates with the Lundbeck Foundation on the Initiative for Integrated Psychiatric Research (iPSYCH). The goal of the project is to identify the genetic and environmental factors involved in serious mental disorders such as schizophrenia, autism, ADHD and depression. Other partners in the project include the University of Copenhagen, Central Denmark Region, the Capital Region of Denmark and Statens Serum Institut.



## Smart Cities

Aarhus University is an active participant in the Smart City network, which works to promote the development of Smart Cities in Denmark. The Smart City concept is about adapting and developing cities for the digital age. In 2015, the former Ministry of Housing, Urban and Rural Affairs established a think tank for Smart Cities chaired by Aarhus University.

# 440

NEW RESEARCH PARTNERSHIPS WITH PRIVATE BUSINESSES IN 2015

# 20 %

OF NEWLY ENROLLED PHD STUDENTS AT AARHUS UNIVERSITY DO A PHD PROJECT IN COLLABORATION WITH THE PRIVATE SECTOR



### The Centre for Healthcare Cooperation

Builds bridges between researchers at Aarhus University and society. The centre's goal is to become an indispensable adviser and partner in developing solutions to Denmark's healthcare and welfare challenges.

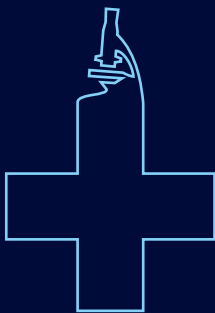
## AARHUS

### European Capital of Culture 2017

Aarhus University is involved in a partnership with Aarhus 2017 to produce a research-based analysis of the significance and effect of the European Capital of Culture status on cities, in relation to cultural life, image and identity as well as economic, social and political effects. The analysis will draw on existing research from previous European Capitals of Culture. Students as well as researchers are participating in the project.

### Export companies

Researchers from Aarhus BSS (at the Tuborg Research Centre for Globalisation and Firms) are working with the Danish Export Association to understand what it takes to succeed as an exporter. The goal is to help the Danish export sector reach its full potential.



### One point of access to clinical trials

An initiative which makes it easier for the pharmaceutical industry and researchers at the Department of Clinical Medicine to work together on clinical trials in Central Denmark Region. The goal is to support medical progress for the benefit of patients.

### Moesgaard Museum

A close partnership between the new Moesgaard Museum and Aarhus University exploits the synergy between the museum's experts and the university's researchers and students. For example, students can submit assignments and projects in the form of concrete exhibitions they create in one of the museum's permanent exhibition spaces.

### The Knowledge Forum for Small and Medium-Sized Enterprises

In cooperation with Nykredit and PwC, the Department of Law has established the Knowledge Forum for Small and Medium-sized Businesses (SMEs), where researchers at Aarhus University are exploring how to best strengthen growth and development in SMEs. SMEs are the backbone of the Danish economy, and the goal is to develop tools tailored to support their development.



### Food research

In 2014, Arla committed to a five-year research collaboration with Aarhus University and the University of Copenhagen. The goal is to investigate how dairy products can contribute to strengthening the immune system as well as preventing malnutrition and diseases such as type 2 diabetes.

### MADE

In the association MADE – Manufacturing Academy of Denmark – the Department of Computer Science and the Department of Engineering collaborate with businesses, other universities and GTS institutes to promote manufacturing in Denmark through research, innovation and education. The association focuses on such themes as the effective integration of information and communications technology into manufacturing processes.

# RESEARCHERS ADVISE GOVERNMENT

Aarhus University researchers from a variety of fields advise government agencies and institutions. These consultancy activities help society find innovative solutions, particularly in relation to the environment, energy, food and agriculture, as well as health and education.

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## EUR 60 MILLION

AMOUNT INVESTED BY GOVERNMENT AGENCIES IN RESEARCH-BASED CONSULTANCY FROM AARHUS UNIVERSITY IN 2015.

EACH TIME THE PUBLIC SECTOR INVESTS ONE MILLION KRONER\* IN CONSULTANCY, RESEARCHERS AT AARHUS UNIVERSITY ARE ABLE TO GENERATE AN ADDITIONAL ONE AND A HALF MILLION\* FROM EXTERNAL SOURCES.

\*approx. EUR 134,500 and EUR 202,000

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**DCA – THE DANISH CENTRE FOR FOOD AND AGRICULTURE**

According to an agreement with the Ministry of Environment and Food of Denmark, DCA performs research-based consultancy for the ministry and relevant government agencies within agriculture, food and environment. Some consultancy is carried out in collaboration with researchers at Aarhus BSS. DCA advises the ministry on how to produce healthy, high-quality food, the demand for bio-based energy and materials and issues related to environment, nature and climate.

**DCE – THE DANISH CENTRE FOR ENVIRONMENT AND ENERGY**

DCE provides research-based consultancy and expertise on nature, the environment and energy. Aarhus University's most important consultancy contracts are with the Danish Ministry of the Environment, the Danish Ministry of Climate, Energy and Building as well as the Environmental Agency for Mineral Resource Activities in Greenland. DCE's objective is to contribute to sustainable development both nationally and internationally.

**THE DEPARTMENT OF FORENSIC MEDICINE**

The Department of Forensic Medicine is located at Aarhus University Hospital and assists police districts throughout most of Jutland. The department's goal is to provide the criminal justice system with high-quality investigations, for which it has been internationally recognised.

**THE NATIONAL CENTRE FOR SCHOOL RESEARCH (NCS)\***

In August 2016, Aarhus University and VIA University College established the National Centre for School Research (NCS) for research on daycare and schools. NCS' goal is to become an open, national powerhouse for research and development in the area. NCS is part of the Danish School of Education (DPU).

**DANISH CENTRE FOR STUDIES IN RESEARCH AND RESEARCH POLICY\***

The centre, which is affiliated with the Department of Political Science, performs evaluations and analyses for Danish and international government agencies and institutions and organisations. The centre's objective is to provide society with the foundation for informed decision-making and innovation solutions, particularly with regard to the environment, energy, food and agriculture, as well as healthcare, education and research policy.

**INTERNATIONAL ASSOCIATION FOR THE EVALUATION OF EDUCATIONAL ACHIEVEMENT (IEA)\***

The Danish School of Education (DPU) is a member of the International Association for the Evaluation of Educational Achievement (IEA). Under the auspices of the IEA, participating researchers from Aarhus University participate in designing and carrying out evaluations of education throughout the world. The aim is to ensure the best possible school education.

**THE CENTRE FOR ALCOHOL AND DRUG RESEARCH\***

The centre is affiliated with Aarhus BSS and works with alcohol and drug abuse research and teaching, as well as research dissemination. The centre works with ministries, government agencies, and the regions. The goal is to develop and provide knowledge and tools which can contribute to improving both treatment and prevention of drug and alcohol abuse in Denmark and internationally.

\*This initiative is not included in the EUR 60 million highlighted on p. 26.

# LIFELONG LEARNING UPLIFTS SOCIETY

As a key bearer of knowledge and culture, Aarhus University helps lift general levels of education and competencies in society. To a high degree, this is a question of strengthening collaboration with citizens, associations and organisations.

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# 4,000

STUDENTS ARE ENROLLED IN ONE OF THE UNIVERSITY'S 40  
CONTINUING AND FURTHER EDUCATION PROGRAMMES

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**2016**

**Anne Thomassen**

Former medical director, Aarhus Hospital  
Former chair of the Danish Cancer Society  
DMSc in 1992

**2015**

**Sten Scheibye**

Chair of Novo A/S, the Novo Nordisk  
Foundation and other boards  
PhD in organic chemistry, 1981

**2014**

**Jørgen Vig Knudstorp**

CEO of LEGO  
PhD in economics, 1998

**2013**

**Jens Erik Sørensen**

Director of ARoS Aarhus Art Museum  
MA in art history, 1979

**2012**

**Birgit Storgaard Madsen**

Former ambassador  
MA in anthropology, 1969

**2011**

**Lene Vestergaard Hau**

Professor of physics at Harvard University  
PhD in physics, 1991

**2010**

**Nils Smedegaard Andersen**

Partner and CEO, A.P. Møller-Mærsk  
MSc in economics, 1982

**2009**

**Anders Fogh Rasmussen**

Secretary general of NATO and former  
prime minister  
MSc in economics, 1978

**2008**

**HRH Crown Prince Frederik of Denmark**

MSc in political science, 1995

## THE DANISH UNIVERSITY EXTENSION IS FOR EVERYONE

Each year, the Danish University Extension offers the public over 900 lectures, events and festivals featuring the latest knowledge from the research world. The Danish University Extension works closely with Aarhus University and has over 65,000 course participants annually in Aarhus, Herning and Emdrup (Copenhagen).

## AARHUS UNIVERSITY PRESS

Publishes approx. 60 new books each year and has almost 2,000 titles in its catalogue. The press has success in reaching the general public through free e-books and the popular 'Reflections' book series introducing a non-academic audience to the latest research.

## VISIT THE UNIVERSITY'S MUSEUMS

- **Museum of Ancient Art** – collection of Mediterranean antiquities, Aarhus
- **Botanical Gardens and Greenhouses** – collections of plants from different ecozones, Aarhus
- **Ole Rømer Observatory** – public access to large telescopes, Aarhus
- **Orion Planetarium** – planetarium, observatory and exhibits, Jels
- **Steno Museum** – planetarium, exhibits and more, Aarhus

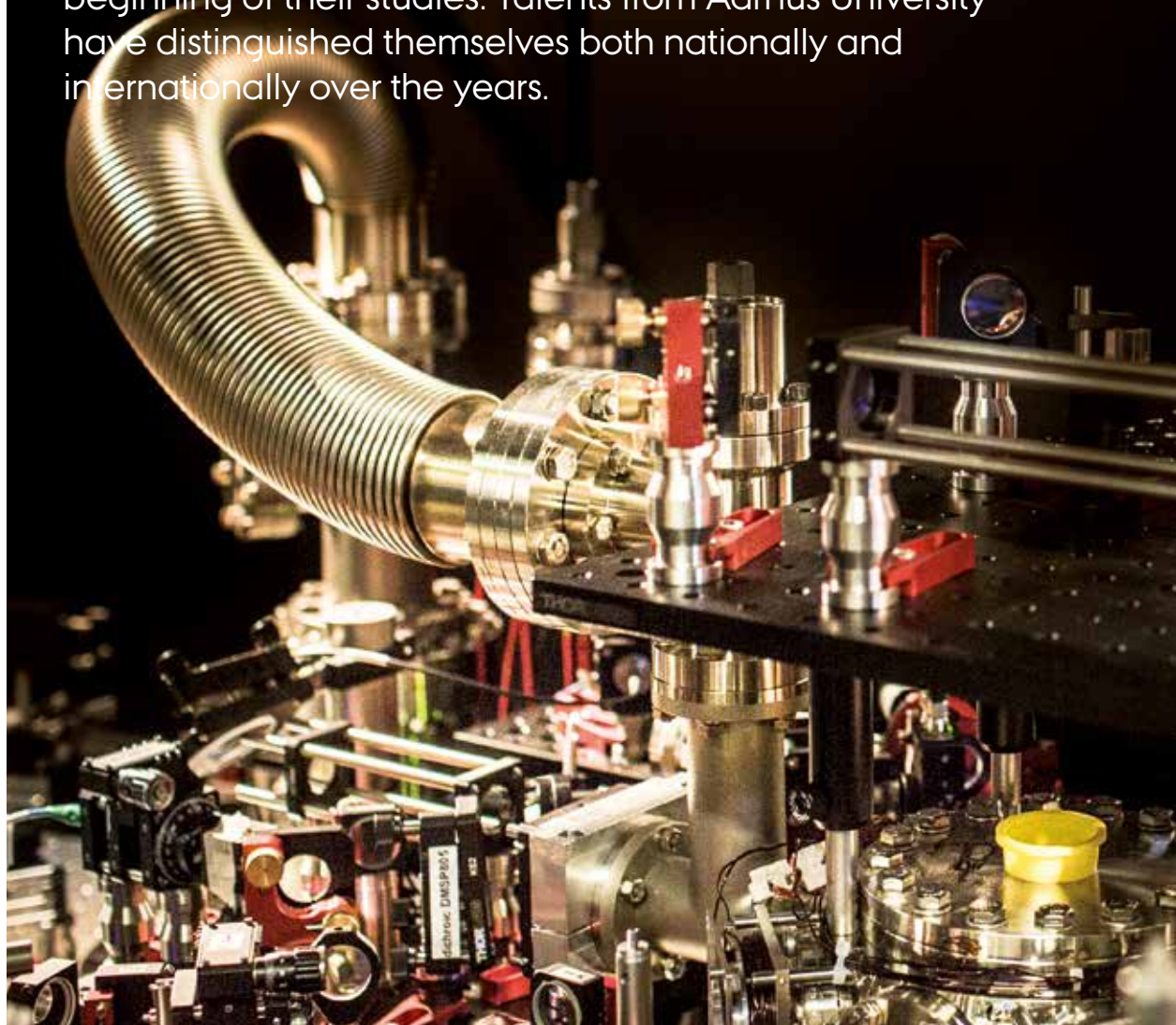
## STUDENT ONCE – ALUM FOR LIFE

The end of your studies doesn't have to mean the end of your relationship with Aarhus University. The alumni network gives alums opportunities for lifelong learning, inspiration and meaningful career networks. Since 2008, Aarhus University has honoured a distinguished alumnus each year: a former student who has made a particularly significant contribution to society.

# RESEARCH TALENTS UNFOLD

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Through targeted talent development, Aarhus University makes a focused effort to attract and stimulate the most motivated, talented students. Programmes are tailored to the most talented students from the very beginning of their studies. Talents from Aarhus University have distinguished themselves both nationally and internationally over the years.



Aarhus University has developed a model which gives particularly talented students the opportunity to begin exploiting their potential to the full at an early stage. In 2016, five physics students were the first to receive an honours diploma on graduation. Special honours and talent programmes to meet the needs of high-achieving students are a high priority across the university .

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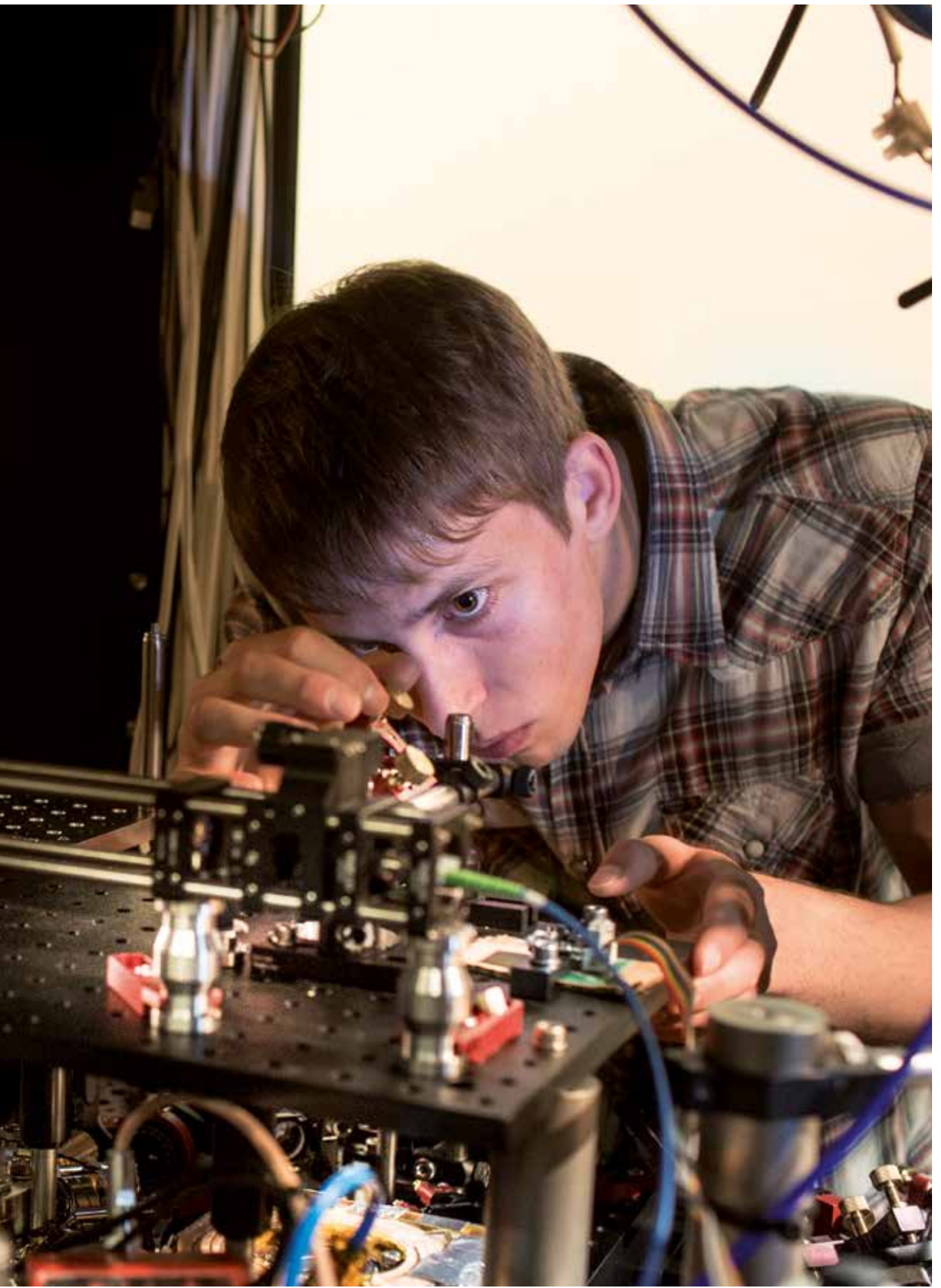


Photo: Lars Kruse

# ROOM TO DEVELOP UNIQUE TALENTS

Particularly talented and motivated students must be given the opportunity to be challenged academically and to develop their talents – whether they point towards a career in research or a career involving leadership, innovation or entrepreneurship. The key words are quality and relevance, and talented students are offered special opportunities starting at Bachelor's degree level.

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## 1,800

PHD STUDENTS

– TEN YEARS AGO, THERE WERE APPROX. 1,000

## 530

NEW PHD STUDENTS

## 28%

OF PHD STUDENTS AT AU ARE INTERNATIONAL

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# PHD DEGREE PROGRAMMES AT AARHUS UNIVERSITY

- The programmes are internationally recognised
- Graduates have excellent career options
- PhD students publish in prestigious international journals

## TALENT DEVELOPMENT – THE AARHUS MODEL

With a special honors programme, Aarhus University is now offering the most motivated students the opportunity to challenge themselves even more. The model has been trialled at Science and Technology, and the aim is to develop and expand it to the entire university. The honours programmes:

- include courses at an exceptionally high academic level with more challenges than in the standard programme
- can include academic activities such as additional courses, selected research activities, case competitions, business collaboration, projects, etc.
- must include at least 30 ECTS credits at Bachelor's degree level and 20 ECTS at Master's degree level
- Students receive a diploma 'with distinction'

### AIAS: SUPPORTING THE BRIGHTEST TALENTS

AIAS (Aarhus Institute of Advanced Studies) promotes research of the highest quality with a focus on independent basic research and talent development within all core disciplines. AIAS selects its fellows purely on the basis of their qualifications in an open competition and recruits talents of the highest international standard – from abroad and from Aarhus University. AIAS was established in 2013 and is the first institute of its kind in Denmark.



**27**

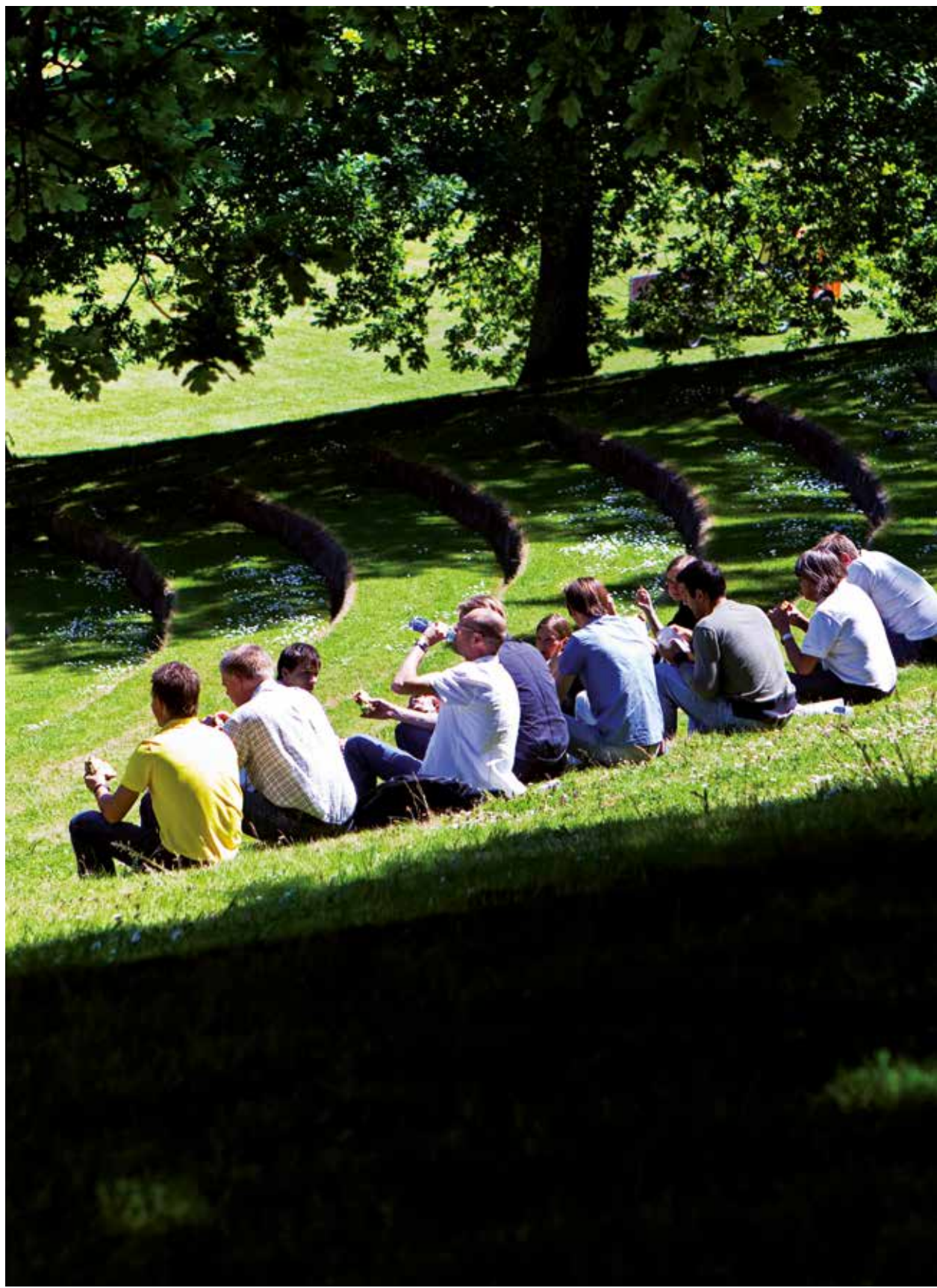
junior fellows

**7**

senior fellows

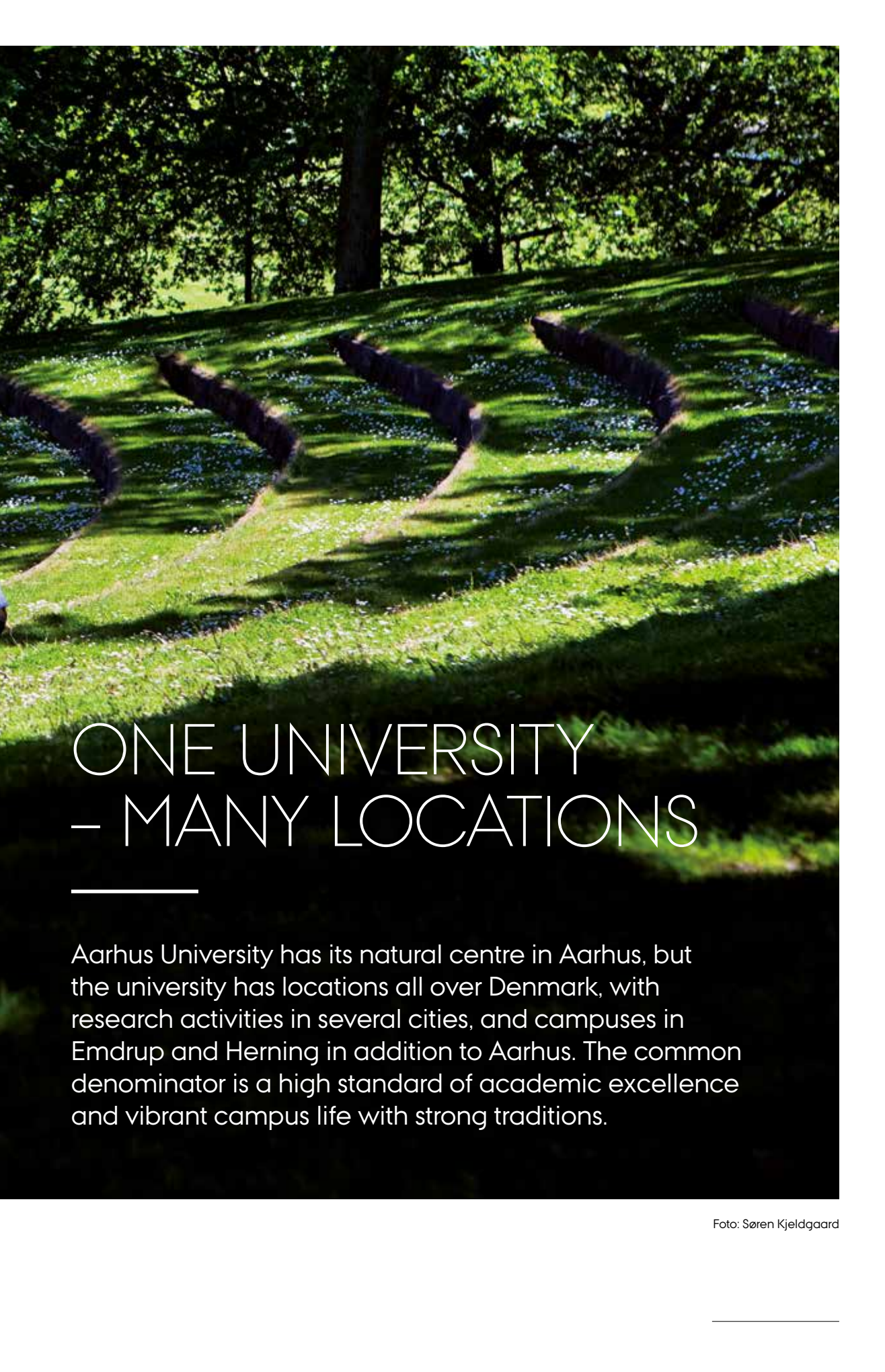
**17**

different nationalities



The outdoor amphitheatre in the University Park is a central meeting place and landmark for students from all disciplines and of all nationalities.

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# ONE UNIVERSITY – MANY LOCATIONS

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Aarhus University has its natural centre in Aarhus, but the university has locations all over Denmark, with research activities in several cities, and campuses in Emdrup and Herning in addition to Aarhus. The common denominator is a high standard of academic excellence and vibrant campus life with strong traditions.

# AARHUS UNIVERSITY'S LOCATIONS

## ● RESEARCH AND EDUCATION

**Aarhus:** The main campus for Aarhus University and the four faculties (Arts, Aarhus BSS, Health, and Science and Technology), approx. 5,900 employees and 33,500 students\*

**Emdrup (Copenhagen):** Danish School of Education (DPU), approx. 320 employees and 2,100 students\*

**Herning:** Department of Business Development and Technology, approx. 100 employees and 1,100 students\*

## ● RESEARCH ACTIVITIES

**Flakkebjerg:** Department of Agroecology and Department of Molecular Biology and Genetics, approx. 150 employees

**Kalø/Rønde:** Department of Bioscience, approx. 50 employees

**Roskilde:** Department of Bioscience, Department of Environmental Science, Department of Geoscience, approx. 250 employees

**Silkeborg:** Department of Bioscience, approx. 100 employees

**Viborg/Foulum:** Food and agriculture research, approx. 600 employees

**Årsløv:** Department of Food Science, approx. 70 employees

## ● OTHERS

**Askov:** Experimental station

**Horsens:** Bygholm, Department of Engineering

**Jels:** Orion Planetarium

**Jyndevad:** Experimental station

**Nuuk:** The Arctic Research Centre (ARC)

**Rønbjerg:** Marine Research Station

**Tenerife:** The SONG telescope

**Villum Research Station:** Experimental station in northern Greenland

**Zackenbjerg:** Experimental station in northeast Greenland

\* No. of students expressed as full-time students

## WHERE

Aarhus University has campuses in three cities in Denmark and research activities at 18 different locations in Denmark, Greenland and on Tenerife.



## DENMARK



# CAMPUSES IN THREE CITIES

## AARHUS

The Aarhus campus locations are spread out over much of the city, with the University Park and its yellow-brick buildings as the historical core where many of the year's traditional events take place, such as the annual Regatta, the annual celebration and various award ceremonies. All four faculties are represented in the University Park, but the university also has significant activities on Fuglsangs Allé (business), on the waterfront at the Navitas building (engineering), at Moesgaard Manor (anthropology and archaeology), and in the neighbourhoods of Trøjborg (education), Frederiksbjerg (sport science) and Katrinebjerg (IT and engineering).



Photo: Lars Kruse



**33,500**  
students\*

The distinctive university buildings in Aarhus were designed by the Danish architect C.F. Møller (1898-1988). The restrained, functionalist aesthetic of the yellow-brick campus with its clean lines has been recognised internationally as an architectural masterpiece. The buildings and park are included in the Denmark's Cultural Canon as one of the top 12 architectural masterpieces in Denmark. Over 28 million bricks were used in its construction.

\*Full-time students excluding students on continuing and further education programmes and PhD students.



## AARHUS: A YOUNG, DYNAMIC CITY

### GEOGRAPHY AND POPULATION

- Denmark's second-largest city
- Located on the Jutland peninsula on the coast next to forests and countryside
- 320,000 inhabitants and 1.2 million people in the greater Aarhus metropolitan area
- Well-developed infrastructure for public transportation, cycling and private vehicles
- Average age of inhabitants approx. 37 years, among the lowest in Denmark
- The highest concentration of students in Denmark

### LOCAL AND INTERNATIONAL

- Known for its informal and hospitable atmosphere
- Good conditions for international employees and their families
- International kindergarten, school and upper secondary school
- International Community, an organisation that provides practical help in relation to housing, jobs, leisure activities, social networks and more

### A THRIVING BUSINESS SECTOR

- Home to nearly 40,000 companies
- Strengths within several sectors, in particular ICT, cleantech, health, food, architecture, design and fashion
- Good opportunities for collaboration involving business, education, research, public administration and other partners
- Large companies with offices, development divisions or headquarters in Aarhus include Dupont, Google, IBM, CSC, Bestseller, Arla, Vestas, JYSK, Terma and Jyllands-Posten
- The Port of Aarhus is Denmark's largest container port and in the top 100 world-wide

### A RICH CULTURAL LIFE

- Aarhus has been named European Capital of Culture 2017
- World-class museums (ARoS Art Museum, Moesgaard Museum and Den Gamle By ('the Old Town'))
- The largest cultural centre in Scandinavia, the Concert Hall Aarhus
- Location of HRM Queen Margrethe's summer residence Marselisborg Castle
- From Michelin restaurants to casual cafés
- Concerts, theatre, dance and festivals all year round
- Lots of recreational areas

## EMDRUP

The Emdrup campus in northwestern Copenhagen is the location of the majority of the Danish School of Education's activities. Good campus facilities combined with a shared academic focus across degree programmes makes Emdrup a closely knit academic community. AU Library, Emdrup Campus (the Danish library of education) has a collection of approx. 800,000 books and periodicals.



Photo: Jesper Rais



**2,100**  
students\*

A new research and teaching facility for biology and environmental science is being constructed on the Emdrup campus (completion 2021).

## HERNING

In Herning, the focus is on engineering, business administration and management in a study environment with students from many different countries. Herning Campus has a strong tradition of collaboration with business and industry and has an award-winning entrepreneurial environment.



Photo: Maria Randima



**1,100**  
students\*

The Herning campus features new, modern buildings designed by architect Henning Larsen.

\*Full-time students excluding students on continuing and further education programmes and PhD students.



## AARHUS UNIVERSITY IN THE CAPITAL

- Emdrup is located in northwest Copenhagen, Denmark's capital city.
- Copenhagen has more than 1.2 million inhabitants
- The city is located on the island Zealand and is nation's cultural, political and economic centre
- An important transport hub with the largest airport in Scandinavia, the largest train station in Denmark and one of its largest ports
- Location of major cultural institutions such as Denmark's National Stadium, the National Museum of Denmark and the Royal Danish Opera
- There are good public transport connections between Emdrup and downtown Copenhagen



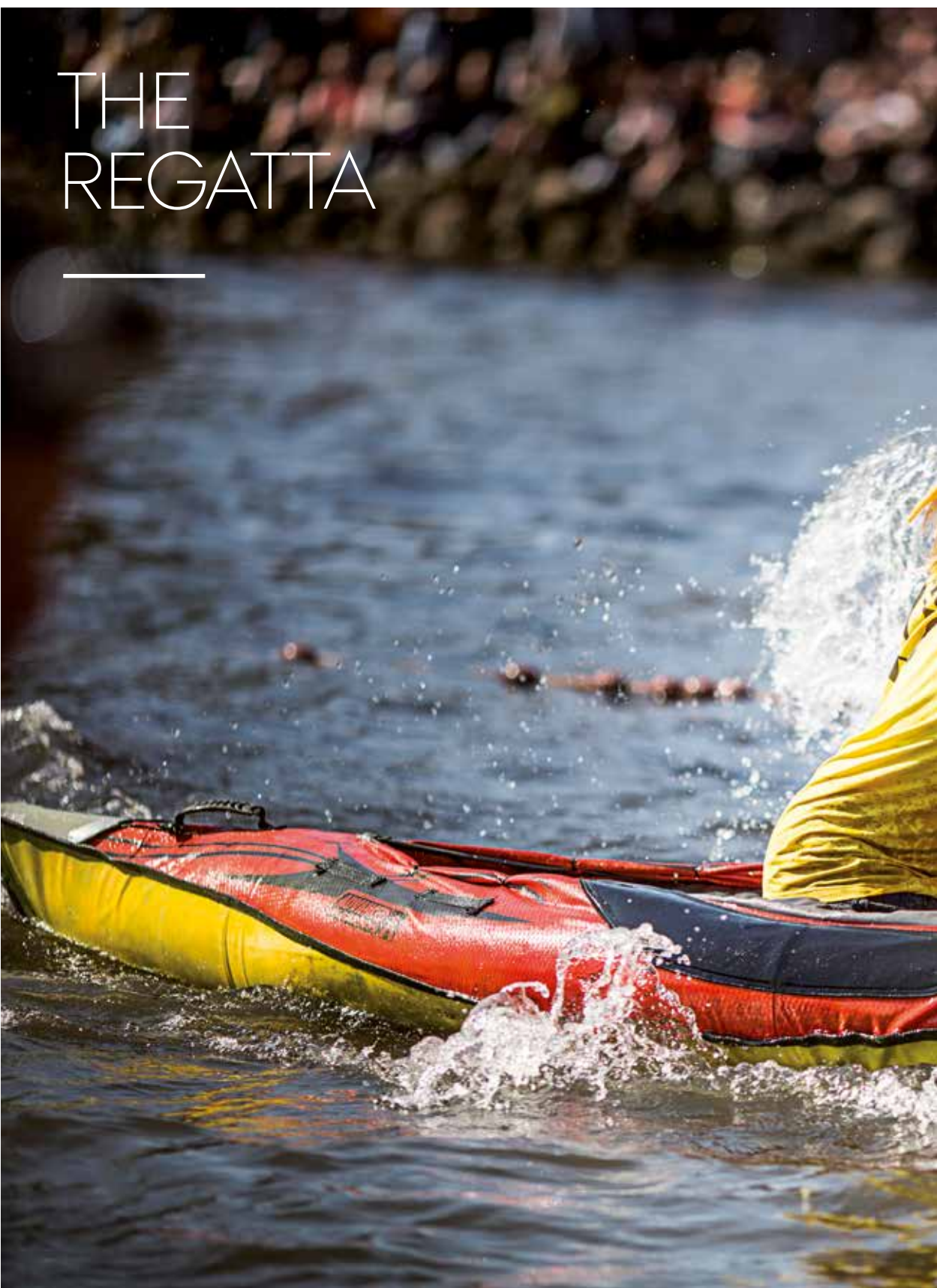
## HERNING: A GROWING CITY

- Around 48,000 inhabitants
- Located approx. 80 km from Aarhus in western Jutland
- Hosts many events and conventions and is home to many successful businesses
- Location of Denmark's only multi-purpose arena (15,000 seats)
- Future location of one of Central Denmark Region's two new mega-hospitals (the other is under construction in Aarhus)



# THE REGATTA

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Each year, students at Aarhus University organise the legendary regatta, has become one of Northern Europe's largest student-organised event, attracting more than 20,000 students. The regatta combines a 'race' in rubber boats with beer relay races. It was held for the first time in 1991 as a competition between

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Photo: Jesper Rais

medical students and dentistry students, and has since become a battle involving many different degree programmes. The prize is honour and the trophy 'the Golden Bedpan'.

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Aarhus University is a vibrant university which prioritises both breadth and depth in research and education.

All photos were taken by photographers at Aarhus University, unless otherwise indicated.













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Read more at [au.dk/en](https://au.dk/en),  
or follow Aarhus University on



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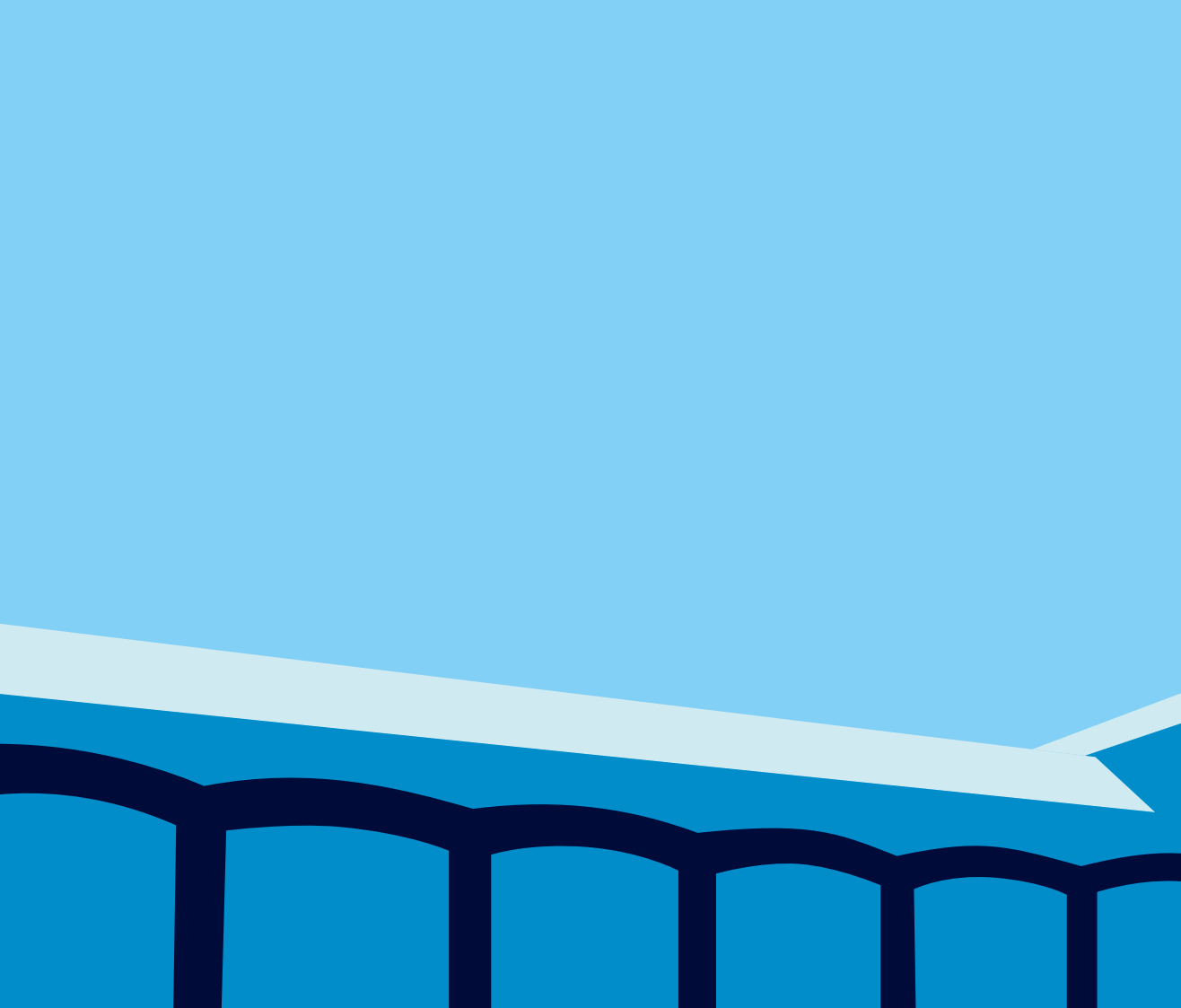
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