Aalto University in 2020
We direct our research towards seven key areas: ICT and digitalisation, materials, art and design, business, energy solutions, living environments, and health and wellbeing.

The number of refereed articles in scientific journals has increased by 78% since 2010.
Research funding and articles

Competitive research funding (€ million)
The number includes e.g. research funding from the Academy of Finland, Business Finland and companies, as well as competitive EU funding.

International peer-reviewed articles in scientific journals
Quality of publications

Share of Aalto University publications that belong to the top 10% most highly cited publications in the world in the same subject area. This indicator has been used since 2015.
## Excellence in research

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<td>Recipients of European Research Council (ERC) funding</td>
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## Professors

The tenure track career system is the university's most important strategic investment. 73% of all professors in 2020 are recruited after 2010.

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<tr>
<td><strong>All professors</strong></td>
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<td>239</td>
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<td><strong>International</strong></td>
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<td>6%</td>
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<td><strong>Women</strong></td>
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<td><strong>Women</strong></td>
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<td>17%</td>
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Education

Thanks to the systematic development of online teaching, we were able to promptly shift to remote teaching.
Bachelor’s and master’s degrees

Bachelor’s degrees

Master’s degrees

Degree reforms and their transition periods have affected the number of master’s degrees in 2010, 2011 and 2018.
Doctoral degrees and students with 55 credits

Doctoral degrees

Students with a minimum of 55 ECTS credits per year (%)
Basic degree students 2020

11,910 (FTE)*

- 6,395 bachelor’s students, of which 320 are international
- 5,515 master’s students, of which 1,406 are international

* Full-time equivalent degree students.
Art and creative practices

Despite the pandemic, our artistic activities were prominently visible in international arenas.

Art and creative practices offer fresh insights for all lines of research and studies.
Artistic excellence

Art and design 6th in the world
The QS Rankings put Aalto’s art & design to 6th place worldwide and architecture to 42nd place worldwide (in 2021).

33 university-wide art courses
1 100 students from all Aalto schools attended the Design Inside course and 400 students the university-wide art courses. In the Design Bits course pilot 170 students participated.

Visibility in important events
Ars Electronica, World Economic Forum, Pitti Uomo, Helsinki Design Week, Stockholm Furniture & Light Fair.

Significant awards
Dezeen Awards, Japan Good Design Award, Finlandia Prize for Architecture, Jussi and Venla awards, Young Designer of the Year, Designer's Nest, CAMERIMAGE Silver Frog, International Creative Media Award.

University's art collection grew
Artist group IC-98’s staircase artwork *Mare Tranquillitatis* was installed at the School of Business. Winners of the campusart competition were rooted in bioart and quantum physics.

Helsinki Design Week
2nd time on campus
Designs For a Cooler Planet Exhibition showcased over 40 trans-disciplinary projects.

Significant artistic outputs 2020

- **116** Top-ranked significant outputs*
- **296** Other significant outputs

* Includes artistic outputs in world's most important artistic forums.
In field-specific rankings Aalto ranks among the best in the world.

In 2020, QS placed Aalto 9th in the world among universities founded less than 50 years ago.
Rankings in key research areas

**ICT and digitalisation**
- Shanghai Ranking: Telecommunication Engineering 34 (2019: 22)
- Computer Science & Engineering 51–75 (2019: 47)
- US News: Computer Science 56 (2019: 33)

**Global business dynamics**
- Shanghai Ranking: Management 27 (2019: 32)
- Business Administration 24 (2019: 29)

**Advanced energy solutions**
- Shanghai Ranking: Electrical & Electronic Engineering 76–100 (2019: 76–100)

**Human-centred living environments**
- QS: Architecture/Built Environment 42 (2020: 41)
- Marine/Ocean Engineering 35 (2019: –)

**Arts and design knowledge building**
- QS: Art & Design 6 (2020: 7)

**Health and wellbeing**

**Materials and sustainable use of natural resources**
- Shanghai Ranking: Mining and Mineral Engineering 76–100 (2019: 76–100)
- QS: Materials Sciences 98 (2020: 101–150)
The long-term campus development programme proceeded as planned.

The renovation of Aalto University Töölö was completed and the renovation of the old Otaniemi shopping centre began.
Developing campus

2018
School of Arts, Design and Architecture (Väre), shopping centre A Bloc and startup community A Grid opened.

2019
School of Business building opened.

2020
Aalto University Töölö renovation completed, Otaniemi old shopping centre renovation, campus outdoor area improvement began.

2021–2024
Aalto Works, Otakaari 2 & 5L and Student Centre completed, new residential buildings.

2025–2035
Development of Chemist, Biologist, Marine Tech and Stoneman blocks, new residential buildings.
Campus space and costs

Facility usage (1 000 sqm)

Facility costs (€ million)
Personnel

43% of the academic faculty is international.
The number of full-time equivalent personnel was 4,218.
Personnel structure development, indexed

- Post-doc researchers
- Professors
- Other teaching and research personnel
- Service personnel
- Doctoral students (employed)
- Students (research and teaching assistants)
In 2020, the pro forma operative income totalled €343 million.

The main sources of income were government funding, €212 million, and grant income from Academy of Finland, EU and Business Finland, €83 million.
Sources and uses of funds 2020

- 59% Government funding (MEC)
- 23% Other public funding *
- 8% Other funding
- 5% Corporate funding
- 5% Spending from profits and endowment
- €212m Government funding (MEC)
- €83m Other public funding *
- €27m Other funding
- €17m Corporate funding
- €19m Spending from profits and endowment
- €24m Other expenses **
- €35m Service purchases
- €43m Facilities
- €70m Service personnel
- €12m Depreciations
- €173m Academic personnel
- €358m Sources
- €358m Uses

* Other public funding consists of funding from the Academy of Finland, Business Finland and EU.
** Consists of e.g. travel expenses, materials and supplies.
Income and expenses 2010–2020

€ million

* Other public funding consists of funding from the Academy of Finland, Business Finland and EU.

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