Aalto University in 2022
Research

In both national and international comparisons, the high scientific impact of our research stands out.
Scientific articles and artistic outputs

International peer-reviewed articles in scientific journals

Artistic outputs
Includes artistic publications, exhibitions and performances.
International faculty and quality of publications

International academic faculty (%)

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.
Research funding

![Bar chart showing research funding from 2013 to 2022.]

**Competitive research funding (€ million)**

International funding includes competitive EU funding and funding from foreign funds and foundations. Other funding includes funding from the Academy of Finland, Business Finland and companies.
## Excellence in research

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<tbody>
<tr>
<td>Recipients of European Research Council (ERC) funding</td>
<td>13</td>
<td>16</td>
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<td>21</td>
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<td>26</td>
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<td>Academy of Finland Centres of Excellence</td>
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<td>Academy of Finland Flagships</td>
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<td>Academy of Finland Academy Professors</td>
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<td>Academy of Finland Research Fellows</td>
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## Professors

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<tr>
<td><strong>Professors</strong></td>
<td>329</td>
<td>369</td>
<td>388</td>
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<tr>
<td><strong>International</strong></td>
<td>15%</td>
<td>17%</td>
<td>18%</td>
<td>20%</td>
<td>22%</td>
<td>24%</td>
<td>24%</td>
<td>26%</td>
<td>27%</td>
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<tr>
<td><strong>Women</strong></td>
<td>16%</td>
<td>17%</td>
<td>20%</td>
<td>19%</td>
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<td>20%</td>
<td>21%</td>
<td>20%</td>
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Rankings in key research areas

**Human-centred living environments**
- **QS**: Architecture & built environments 42 (2021: 42)
- **ShanghaiRanking**: Marine/Ocean Engineering 21 (2021: 39)

**Health and wellbeing**
- **ShanghaiRanking**: Medical technology 201-300 (2021: 101–150)

**Advanced energy solutions**
- **ShanghaiRanking**: Electrical & electronic engineering 76–100 (2021: 101–150)
- **QS**: Electrical & electronic engineering 97 (2021: 79)
- **US News**: Electrical & electronic engineering 97 (2021: 92)

**ICT and digitalisation**
- **ShanghaiRanking**: Telecommunication engineering 51–75 (2021: 40)
- Computer science & engineering 51–75 (2021: 51–75)
- **US News**: Computer science 71 (2021: 68)

**Arts and design knowledge building**
- **QS**: Art & design 6 (2021: 6)

**Materials and sustainable use of natural resources**
- **ShanghaiRanking**: Business administration 24 (2021: 25)
- Management 38 (2021: 31)

**Global business dynamics**
- **ShanghaiRanking**: Business administration 24 (2021: 25)
- Management 38 (2021: 31)
Education

We are determined to provide future-led education
Bachelor’s degrees and bachelor’s survey

Bachelor's degrees

- **Degree completed in target time (3 years)**
- **Degree completed in max 1 year over target time**
- **Degree completed in more than 1 year over target time**

Bachelor's graduate survey

Average score given by Aalto University bachelor's graduates in the national feedback survey on a scale of 1 to 5.
Master’s degrees and doctoral degrees

Master’s degrees

- Degree completed in target time (2 or 5 years)
- Degree completed in max 1 year over target time
- Degree completed in more than 1 year over target time

Doctoral degrees

- 2013: 229
- 2014: 219
- 2015: 256
- 2016: 260
- 2017: 256
- 2018: 263
- 2019: 235
- 2020: 214
- 2021: 182
- 2022: 193
Bachelor’s and master’s degree students

13,066 students (FTE)*

6,067 master’s students, of which 1,658 are international
6,999 bachelor’s students, of which 595 are international

* Full-time equivalent degree students.

Basic degree students 2022
Impact

A world-class innovation and entrepreneurship ecosystem has grown around Aalto
Corporate collaboration and technology transfers

Corporate collaboration volume (€ million)
The total amount of corporate income in Aalto University Group. The figure excludes all IPR commercialisation income. The indicator has been calculated since 2015.

Income relating to technology transfers (€ million)
Includes income relating to IPR commercialisation, technology transfers and valuation increases.
Enabling our success

We invest in our community and people, infrastructures and campus, and services and resources.
Personnel wellbeing and personnel structure

Personnel wellbeing survey
Average of all answers received in the survey on a scale of 1 to 5. The survey is carried out every two years.

Personnel structure development

- Service personnel
- Post-doc researchers
- Doctoral students (employed)
- Students (research and teaching assistants)
- Other teaching and research personnel
- Professors
Personnel

Number of personnel (31 Dec 2022)

- Professors: 404
- Students (research and teaching assistants): 546
- Service personnel: 1,390
- Other teaching and research personnel: 668
- Post-doc researchers: 534
- Doctoral students (employed): 1,209

Total: 4,751
Facility usage and costs

Facility usage (1 000 sqm²)

Facility costs (€ million)
CO₂ emissions

CO₂ emissions (tCO₂-ekv/year)

Amount of CO₂ emissions from energy consumption in university buildings. As of 2021, this indicator is calculated in a new way using the benefit sharing calculation method in regard to the consumed district heating.
Developing campus

2018–2019

School of Arts, Design and Architecture and School of Business moved to Otaniemi. Väre building, shopping centre A Bloc, School of Business building and startup hub A Grid opened. Navigation functionality added to Aalto Space mobile application.

2020–2021

Aalto University Töölö and shopping centre A Blanc renovation completed. Campus outdoor area improvement began. Agreement made on building Student Centre, a building to be owned and housed by students. Espoo’s first low heating network completed in Otaniemi. Virtual campus tour launched.

2022–2023

Completion of Aalto Works phase K3 and Otakaari 2B building. A space for creativity, Space 21 opened. Several outdoor art pieces put up. The cooperative development of the Biologist and Marine Technology blocks with the Senate Properties begins. Jokeri Light Rail starts operating.

2024–2025

Otakaari 2 & 5L, Student Centre and the multi-storey parking building in Aalto Works block completed. Outdoor areas improvement continues. New buildings connected in the low heating network. The development of Stoneman's block is being completed. There will be new residential buildings, student housing and services in the area.

2026–2035

Developing Chemist's, Biologist's and Marine Technology blocks. New office and residential buildings and services in the area. More new student housing. Carbon neutral Aalto 2030.
Sources and uses of funding 2022

Sources €397m

- Government funding (MEC) 56% €224m
- Funding from Academy of Finland, Business Finland and EU 8% €33m
- Other funding 9% €35m
- Corporate funding 4% €14m

Uses €397m

- Academic personnel 46% €183m
- Service personnel 19% €76m
- Facilities 11% €46m
- Service purchases 11% €43m
- Other expenses * 9% €34m
- Depreciations 4% €15m

* Consists of e.g. travel expenses, materials and supplies.
Sources of funding and uses of funding

Income (€ million)

- Government funding
- Academy of Finland
- European Union
- Business Finland
- Corporate funding
- Other funding
- Spending from endowment and cumulative profits

Expenses (€ million)

- Academic personnel
- Service personnel
- Facilities
- Service purchases
- Other expenses *

* Consists of e.g. travel expenses, materials and supplies.
Government funding

- Government funding from the Ministry of Education and Culture (MEC)
- Inflation-adjusted* government funding

* Finnish university inflation index comprising of 64% of Finland’s wage and salary earnings index, 21% of Finland’s consumer price index and 15% of Finland’s producer price index.

Government funding from MEC (€ million)