Aalto University in 2023
The quality of research developed positively and the impact of the university’s publication activities is high.
Quality of publications and international 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.

International academic faculty (%)

A!
Scientific articles and artistic outputs

**International peer-reviewed articles in scientific journals**

The figure for 2023 is as of 7 Feb 2024

**Artistic outputs**

Includes artistic publications, exhibitions and performances. The figure for 2023 is as of 7 Feb 2024.
Research funding

### Competitive research funding (€ million)

International funding includes competitive EU funding and funding from foreign funds and foundations. Other funding includes funding from the Research Council 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>16</td>
<td>17</td>
<td>21</td>
<td>26</td>
<td>26</td>
<td>24</td>
<td>27</td>
<td>28</td>
<td>27</td>
<td>22</td>
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<tr>
<td>Research Council of Finland Centres of Excellence</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Research Council of Finland Flagships</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3</td>
<td>4</td>
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<tr>
<td>Research Council of Finland Academy Professors</td>
<td>7</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>1</td>
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<tr>
<td>Research Council of Finland Research Fellows</td>
<td>36</td>
<td>34</td>
<td>38</td>
<td>40</td>
<td>41</td>
<td>44</td>
<td>44</td>
<td>49</td>
<td>48</td>
<td>57</td>
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### Professors

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</thead>
<tbody>
<tr>
<td><strong>Professors</strong></td>
<td>369</td>
<td>388</td>
<td>386</td>
<td>386</td>
<td>389</td>
<td>390</td>
<td>393</td>
<td>395</td>
<td>404</td>
<td>413</td>
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<tr>
<td><strong>International</strong></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>
<td>27%</td>
<td>28%</td>
</tr>
<tr>
<td><strong>Women</strong></td>
<td>17%</td>
<td>20%</td>
<td>19%</td>
<td>20%</td>
<td>20%</td>
<td>21%</td>
<td>20%</td>
<td>22%</td>
<td>24%</td>
<td>24%</td>
</tr>
</tbody>
</table>
Rankings in key research areas

**Human-centred living environments**
- **QS:** Architecture & built environment 48 (2022: 42)
- **ShanghaiRanking:** Marine/Ocean engineering 19 (2022: 21)
- **Civil engineering:** 101-150 (2022: 201-300)

**Health and wellbeing**
- **European EngiRank:** Medical engineering 7 (2022: n/a)

**Advanced energy solutions**
- **ShanghaiRanking:** Electrical & electronic engineering 76-100 (2022: 76-100)
- **QS:** Electrical & electronic engineering 104 (2022: 97)

EngiRank (European Ranking of Engineering Programs) evaluates universities in the EU. All the other rankings compare universities globally.

**ICT and digitalisation**
- **ShanghaiRanking:** Telecommunication engineering 51-75 (2022: 40)
- **QS:** Computer science & information systems 84 (2022: 84)
- **THE:** Computer science 86 (2022: 73)

**Arts and design knowledge building**
- **QS:** Art & design 6 (2022: 6)

**Materials and sustainable use of natural resources**
- **QS:** Materials sciences 80 (2022: 95)
- **ShanghaiRanking:** Textile science and engineering 41 (2022: n/a)

**Global business dynamics**
- **THE:** Business and economics 84 (2022: 86)
- **QS:** Business and management studies 76 (2022: 74)
Education

We work to meet future skills needs by providing pioneering education, which also opens up a broad range of opportunities for lifewide learning.
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

- 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
Master’s and bachelor’s degree students

13,941 (FTE)*

6,466 master’s students, of which 1,936 are international

7,475 bachelor’s students, of which 711 are international

Basic degree students 2023

* Full-time equivalent degree students.
Impact

Our world-class innovation ecosystem is characterised by a multidisciplinary approach, collaboration, openness, startup entrepreneurship, and a wide range of student activities.

A!
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.

**IP portfolio return, net of fees (€ million)**

Includes income relating to IPR and technology transfers and changes in fair value. IP portfolio's costs are deducted from the income.
Enabling our success

Equality, diversity and inclusion support the wellbeing and creativity of the community and its ability to promote world-class research, education and impact.
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**
- Red: Service personnel
- Blue: Doctoral students (employed)
- Green: Students (research and teaching assistants)
- Yellow: Other teaching and research personnel
- Orange: Professors

A!
Personnel

Professors: 413
Students (research and teaching assistants): 543
Service personnel: 1,442
Other teaching and research personnel: 666
Post-doc researchers: 547
Doctoral students (employed): 1,273

Number of personnel (31 Dec 2023): 4,884
Facility usage and costs

Facility usage (1 000 sqm²)

Facility costs (€ million)
Carbon dioxide emissions

**Total CO\textsubscript{2} emissions 2023**

- **ICT**: 6%
- **Commuting**: 15%
- **Travel**: 18%
- **Energy & construction**: 36%
- **Food**: 6%
- **Procurement**: 19%

**CO\textsubscript{2} emissions from buildings (tCO\textsubscript{2}e)**

Amount of CO\textsubscript{2} 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

2018–2020
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. Aalto University Töölö and Aalto Works phases K1 and K2 renovations completed. Espoo’s first low heating network completed in Otaniemi.

2021–2023

2024

2025–2026
The development of Chemist’s and Stoneman’s block completed. New student centre completed. New buildings connected in the low heating network. Outdoor areas improvement continued. New residential buildings, student housing and services in the area.

2027–2035
Sources and uses of funding 2023

Sources €427m

56% €239m
Government funding (MEC)

10% €44m
Spending from endowment and cumulative profits

8% €35m
Funding from Research Council of Finland, Business Finland and EU

3% €14m
Corporate funding

Uses €427m

45% €192m
Academic personnel

12% €51m
Facilities

12% €49m
Service purchases

9% €40m
Other expenses *

3% €14m
Depreciations

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

Sources of funding (€ million)

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

Uses of funding (€ million)

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

* 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)
## Group financial key figures, € million

### Profit and loss

<table>
<thead>
<tr>
<th></th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnover</td>
<td>383</td>
<td>403</td>
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<tr>
<td>Expenses</td>
<td>418</td>
<td>440</td>
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<tr>
<td><strong>Operating profit/loss</strong></td>
<td>-35</td>
<td>-37</td>
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<tr>
<td>Fundraising profit/loss</td>
<td>10</td>
<td>4</td>
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<tr>
<td>Endowment profit/loss</td>
<td>-42</td>
<td>102</td>
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<tr>
<td>Financing profit/loss</td>
<td>9</td>
<td>-17</td>
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<tr>
<td><strong>Net Profit/loss</strong></td>
<td>-67</td>
<td>49</td>
</tr>
<tr>
<td><strong>Net profit-%</strong></td>
<td>-18%</td>
<td>12%</td>
</tr>
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### Balance sheet

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<thead>
<tr>
<th></th>
<th>2022</th>
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<tbody>
<tr>
<td><strong>Noncurrent assets</strong></td>
<td>1852</td>
<td>1959</td>
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<tr>
<td>Intangible assets</td>
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<td>Tangible assets</td>
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<tr>
<td>Investments</td>
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<td>1362</td>
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<tr>
<td><strong>Current assets</strong></td>
<td>184</td>
<td>121</td>
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<tr>
<td><strong>Total</strong></td>
<td>2036</td>
<td>2080</td>
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<tr>
<td>Equity</td>
<td>1558</td>
<td>1609</td>
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<tr>
<td><strong>Liabilities</strong></td>
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<td>471</td>
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<tr>
<td>Interest bearing liabilities</td>
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<td>306</td>
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<tr>
<td>Non-interest bearing liabilities</td>
<td>157</td>
<td>165</td>
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<tr>
<td><strong>Total</strong></td>
<td>2036</td>
<td>2080</td>
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<tr>
<td><strong>Equity ratio</strong></td>
<td>77%</td>
<td>77%</td>
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