Aalto University in 2018
We direct our research towards seven key areas: ICT and digitalisation, materials, art and design, business, energy solutions, living environments, and health and wellbeing.

Competitive research funding obtained by the university has risen from last year.
Scientific articles and research funding

International peer-reviewed articles in scientific journals

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.
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 faculty (%)
## Excellence in research

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<tbody>
<tr>
<td>Recipients of European Research Council (ERC) funding</td>
<td>6</td>
<td>6</td>
<td>10</td>
<td>13</td>
<td>16</td>
<td>17</td>
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<td>Academy of Finland Centres of Excellence</td>
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<td>9</td>
<td>7</td>
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<tr>
<td>Academy of Finland Academy Professors</td>
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<tr>
<td>Academy of Finland Research Fellows</td>
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<td>34</td>
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<tr>
<td>FiDiPro Professors and Researchers*</td>
<td>15</td>
<td>16</td>
<td>15</td>
<td>14</td>
<td>13</td>
<td>14</td>
<td>12</td>
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* The FiDiPro funding programme has been ended.
### Professors

The tenure track career system is the university’s most important strategic investment.

69% of all professors in 2018 are recruited after 2010.

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<tbody>
<tr>
<td><strong>All professors</strong></td>
<td>230</td>
<td>239</td>
<td>293</td>
<td>329</td>
<td>369</td>
<td>388</td>
<td>386</td>
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<tr>
<td><strong>International</strong></td>
<td>4%</td>
<td>6%</td>
<td>12%</td>
<td>15%</td>
<td>17%</td>
<td>18%</td>
<td>20%</td>
<td>22%</td>
<td>24%</td>
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<tr>
<td><strong>Women</strong></td>
<td>10%</td>
<td>11%</td>
<td>13%</td>
<td>16%</td>
<td>17%</td>
<td>20%</td>
<td>19%</td>
<td>20%</td>
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<tr>
<td><strong>Average age</strong></td>
<td>55</td>
<td>54</td>
<td>52</td>
<td>51</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>51</td>
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</table>

**New professors**

* New professors refer to professors appointed to the Aalto University tenure track career system, implemented in 2010.
The strategic development of teaching and learning continued, as well as the long-term work to streamline study paths. The number of doctorates has increased by 43% compared to 2010.
Bachelor’s and master’s degree students 2018

10,881 (FTE)*

5,544 bachelor’s students, of which 156 are international

5,338 master’s students, of which 1,368 are international

* Full-time equivalent degree students.
Bachelor’s and master’s degrees

Bachelor’s degrees

Master’s degrees
The number of master’s degrees was exceptionally large in 2010 and small in 2011 due to degree reform in the field of science and technology.
Doctoral degrees and students with 55 credits

Doctoral degrees

Students with a minimum of 55 ECTS credits per year (%)
International prominence in the fields of art, design and architecture continued, with the university receiving a number of awards and recognitions.

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

Art and design 7th in the world
The QS Rankings put Aalto’s art & design to 7th place worldwide.

25 university-wide art courses
A total of 283 participants from all Aalto schools attended the UWAS courses.

Visibility in important events
Paris Photo, Pitti Uomo, Ars Electronica, Milan Furniture Fair, Venice Architecture Biennale, Chart Copenhagen, Toronto Film Festival.

Significant awards
Apple Design Award, Finlandia Prize for Architecture, Venla and Jussi Awards, Red Dot, Designer’s Nest, Hyères.

Fashion Programme at 5th place
The Business of Fashion ranked Aalto's Fashion Programme as 5th globally.

Jenni Haukio's gown
Students designed the gown made of birch-based fabric for Jenni Haukio, spouse of Finnish President, to the Independence Day reception.
Aalto University places high in rankings specific to science, technology, art and business.

In 2018, QS placed Aalto in 9th place in the world among universities founded less than 50 years ago.
Rankings in key research areas

**ICT and digitalisation**
- ShanghaiRanking: Telecommunication Engineering 28 (2017: 31)

**Global business dynamics**
- ShanghaiRanking: Management 36 (2017: 49)
- Business Administration 34 (2017: 51–75)

**Advanced energy solutions**
- ShanghaiRanking: Electrical & Electronic Engineering 51–75 (2017: 76–100)

**Human-centred living environments**
- QS: Architecture/Built Environment 42 (2018: 46)

**Arts and design knowledge building**
- QS: Art & Design 7 (2018: 9)

**Health and wellbeing**

**Materials and sustainable use of natural resources**
- ShanghaiRanking: Mining and Mineral Engineering 51–75 (2017: 46)
The long-term campus development programme continued. Three new buildings were completed: Väre, School of Business and A Bloc shopping centre.
Developing campus

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

2019
School of Business building opens. Töölö building and the old shopping centre renovations begin.

2020
New student housing and office buildings. Campus green areas improvement begins.

2021–2022
Development of other core university buildings. Student Life Centre construction.

2023–2035
Development of other university buildings and new residential buildings.
Campus spaces and costs

Facility usage (1,000 sqm)
-29% decrease from 321 in 2010 to 228 in 2018.

Facility costs (€ million)
-12% decrease from 59 in 2010 to 52 in 2018.
The viewpoints of sustainable development and responsibility are taken into account in teaching, research and other operations.
Publications related to sustainability 2018

Number and share of all publications

Sustainable development was the topic of 12% of all publications at Aalto in 2018.

In addition, numerous research projects are indirectly linked to sustainability via e.g. utilisation of research results.
Personnel

40% of the academic faculty is international.
The number of full-time equivalent personnel was 4,052.
Personnel structure 2010–2018
Finance

The pro forma operative income totalled €347 million.

The main sources of income were government funding and project grants.
Sources and uses of funds 2018

Sources €365m

Government funding (MEC) 60% €219m

Other public funding * 24% €87m

Corporate funding 3% €12m

Spending from surplus and endowment 6% €18m

Other funding 7% €28m

Uses €365m

Academic personnel 44% €160m

Service personnel 18% €67m

Facilities 14% €52m

Service purchases 11% €39m

Other expenses ** 10% €36m

Depreciations 3% €10m

* 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 2010–2018
€ million

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

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