



# Aalto University in 2022



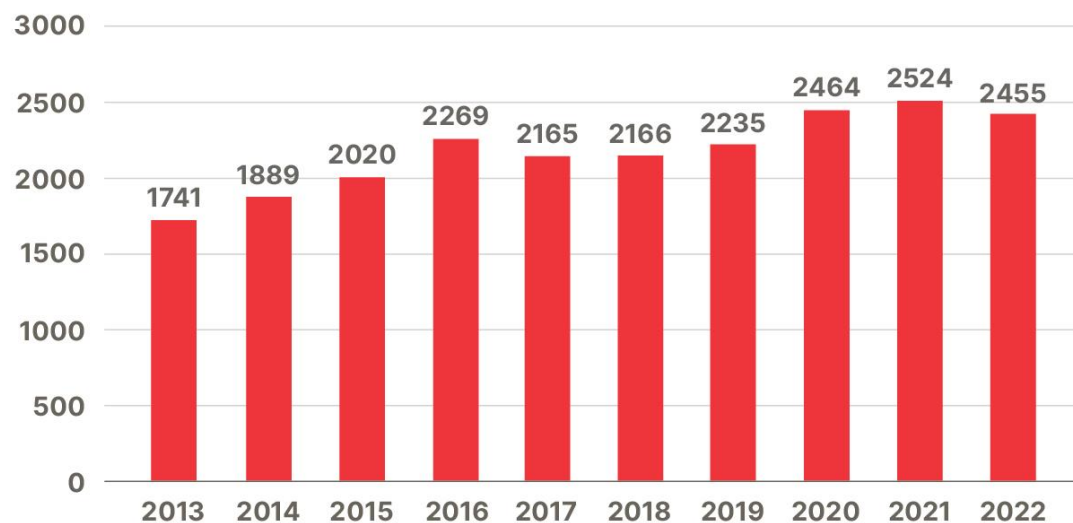
Aalto-yliopisto  
Aalto-universitetet  
Aalto University



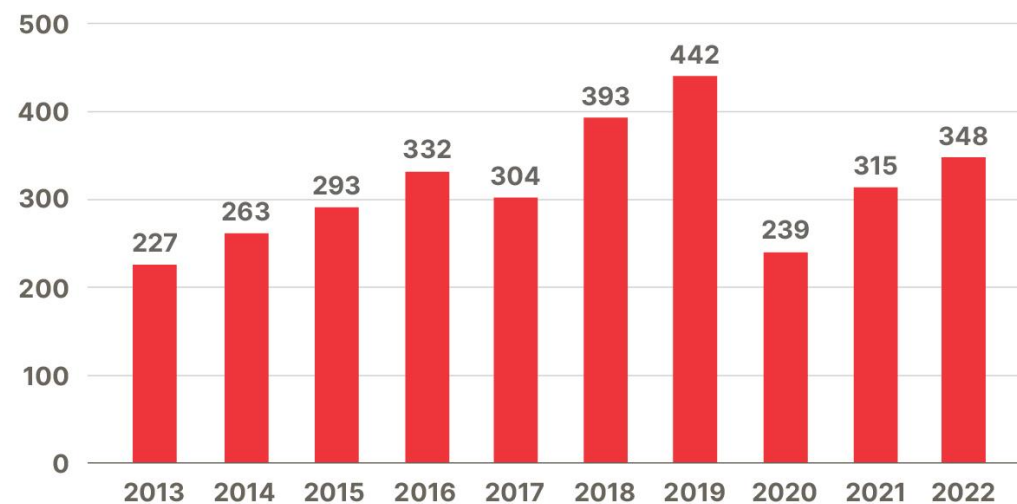
# Research

In both national and international comparisons, the high scientific impact of our research stands out

# Scientific articles and artistic outputs



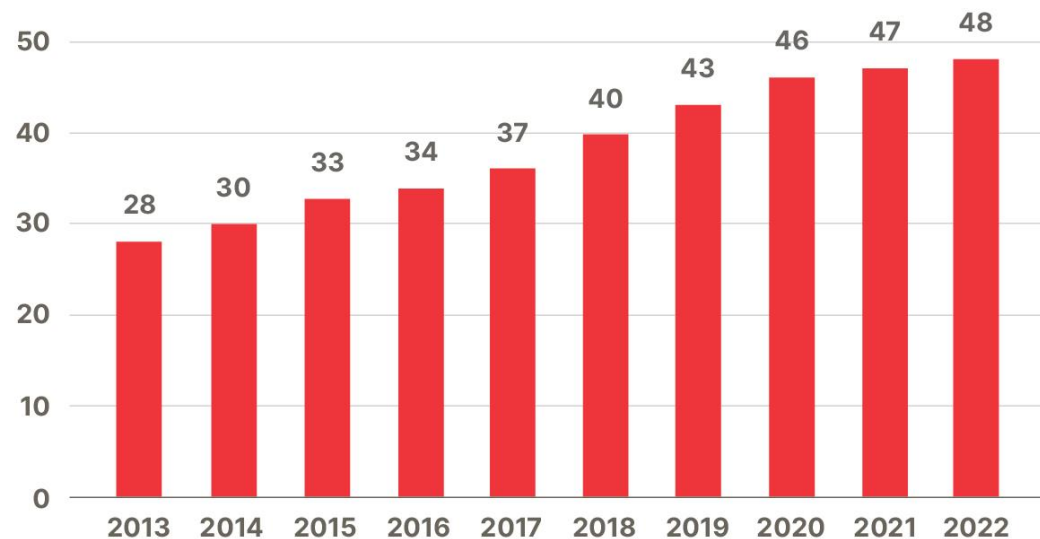
International peer-reviewed articles in scientific journals



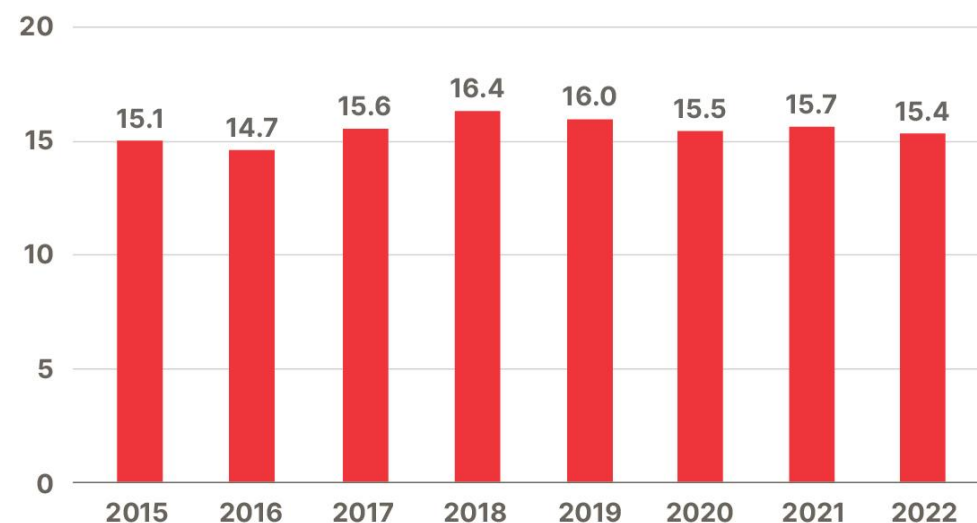
Artistic outputs

Includes artistic publications, exhibitions and performances.

# International faculty and quality of publications



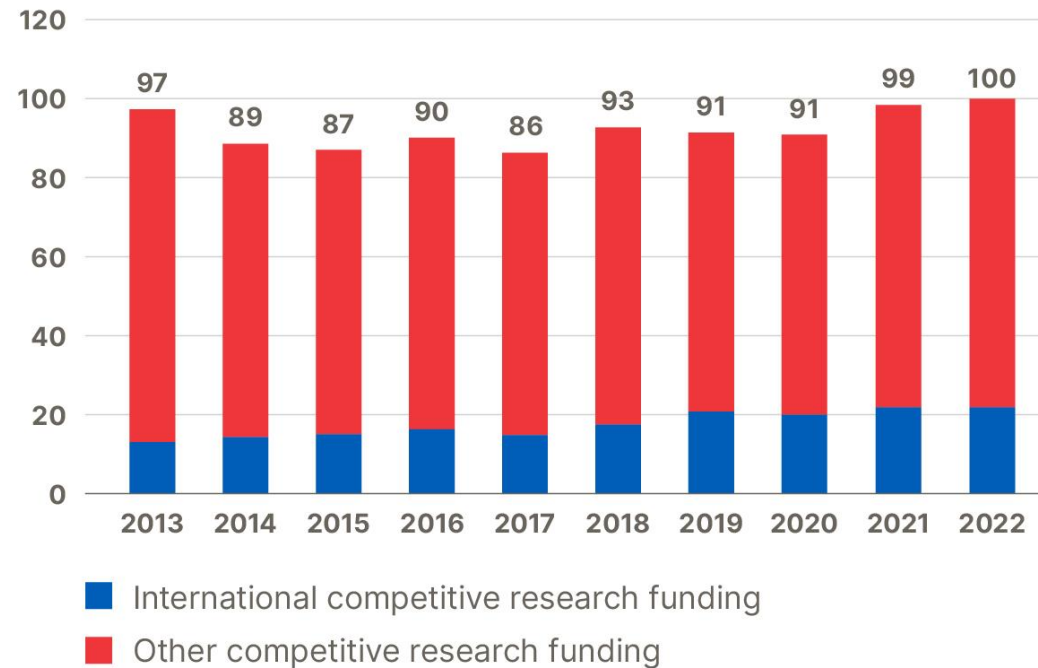
International academic faculty (%)



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



## 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

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Recipients of European Research Council (ERC) funding	13	16	17	21	26	26	24	27	28	<b>27</b>
Academy of Finland Centres of Excellence	7	7	7	7	7	6	6	3	3	<b>7</b>
Academy of Finland Flagships	-	-	-	-	-	-	3	4	4	<b>4</b>
Academy of Finland Academy Professors	7	7	6	7	5	5	5	4	2	<b>1</b>
Academy of Finland Research Fellows	34	36	34	38	40	41	44	44	49	<b>48</b>

# Professors

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Professors</b>	329	369	388	386	386	389	390	393	395	<b>404</b>
International	15%	17%	18%	20%	22%	24%	24%	26%	27%	<b>27%</b>
Women	16%	17%	20%	19%	20%	20%	21%	20%	22%	<b>24%</b>



# 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)

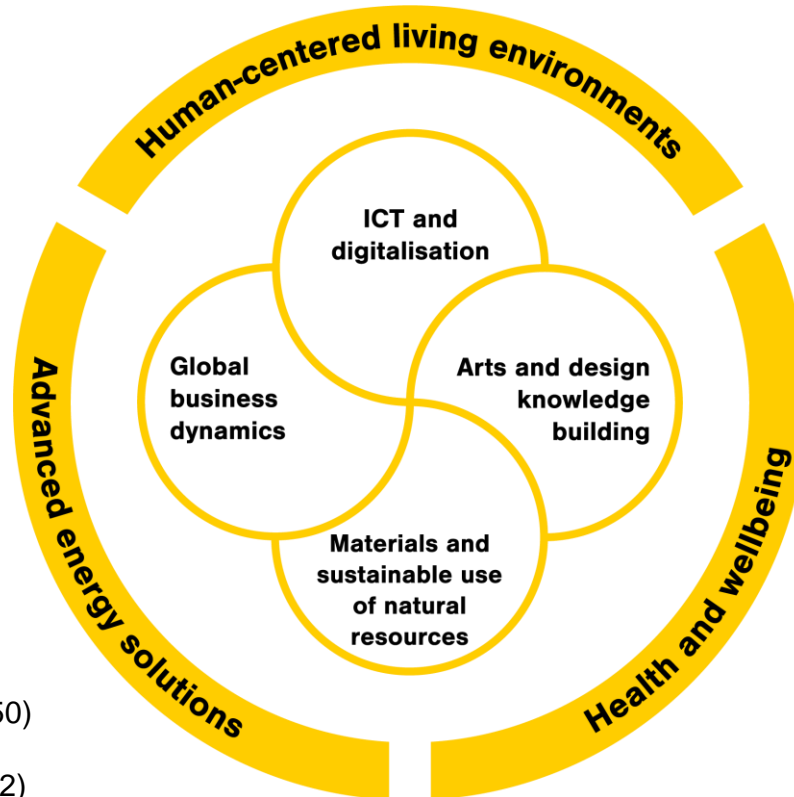
## Advanced energy solutions

**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

**QS:** Materials science 95 (2021: 98)

**US News:** Polymer Science 65 (2021: 54)

## Global business dynamics

**ShanghaiRanking:**

Business administration 24 (2021: 25)

Management 38 (2021: 31)

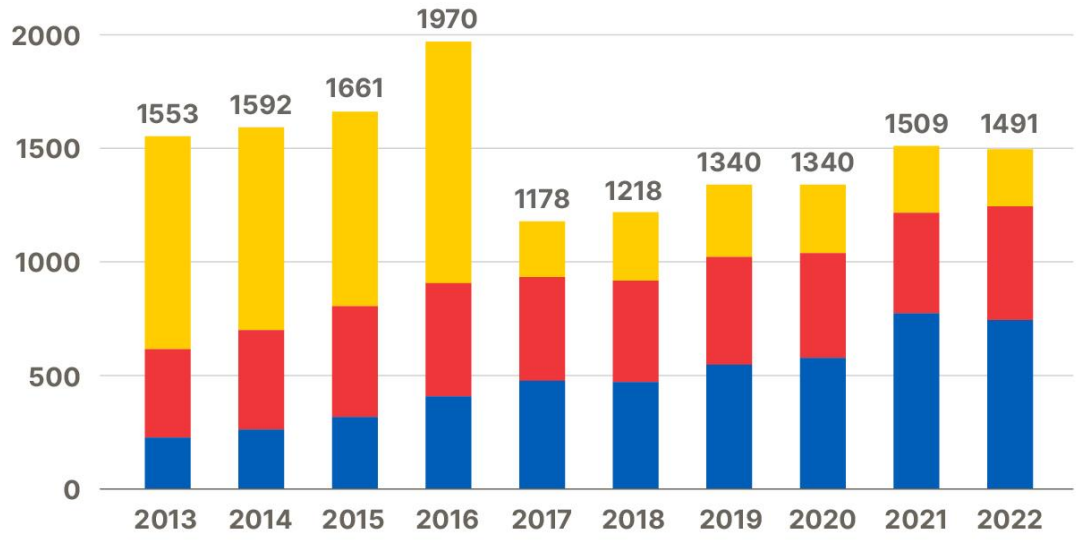




# Education

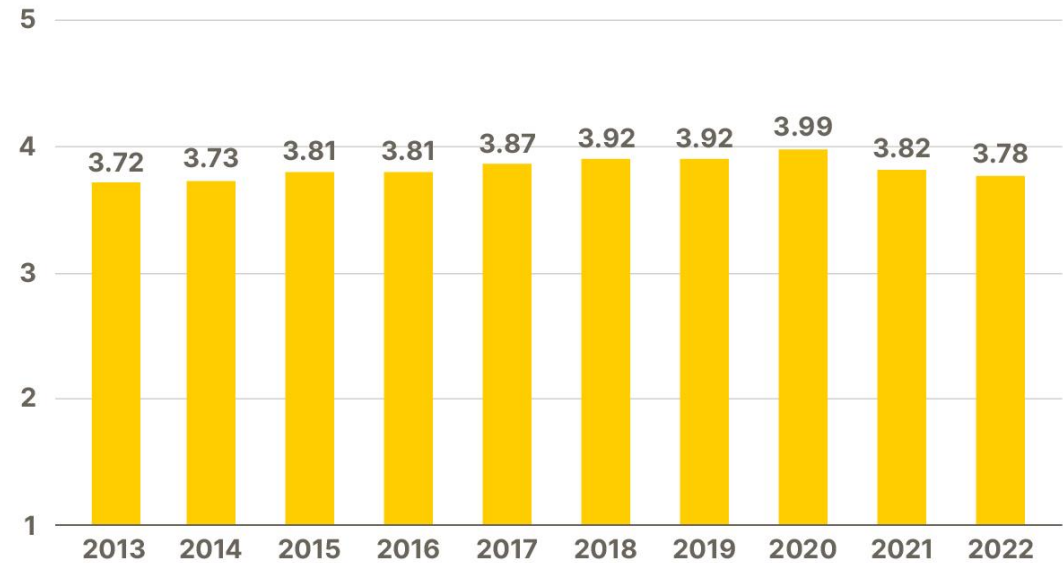
We are determined to  
provide future-led  
education

# Bachelor's degrees and bachelor's survey



- 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

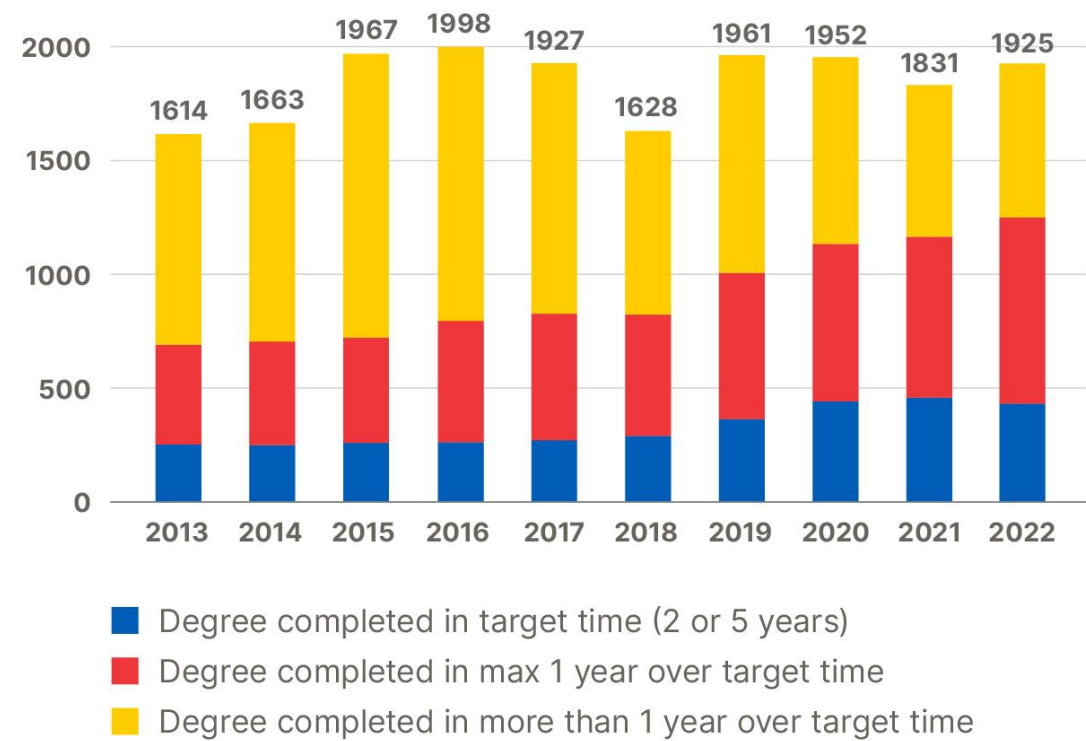
Bachelor's degrees



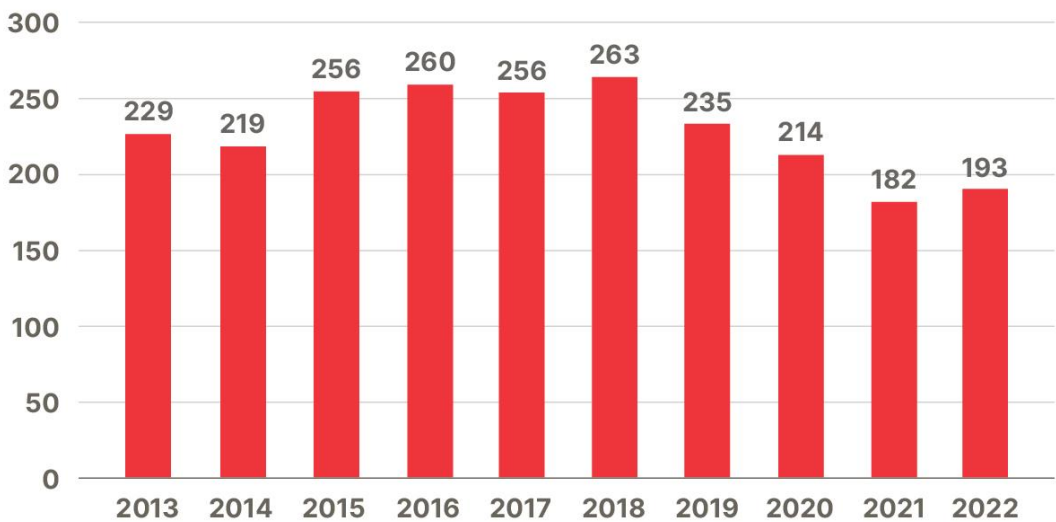
Bachelor's graduate survey

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

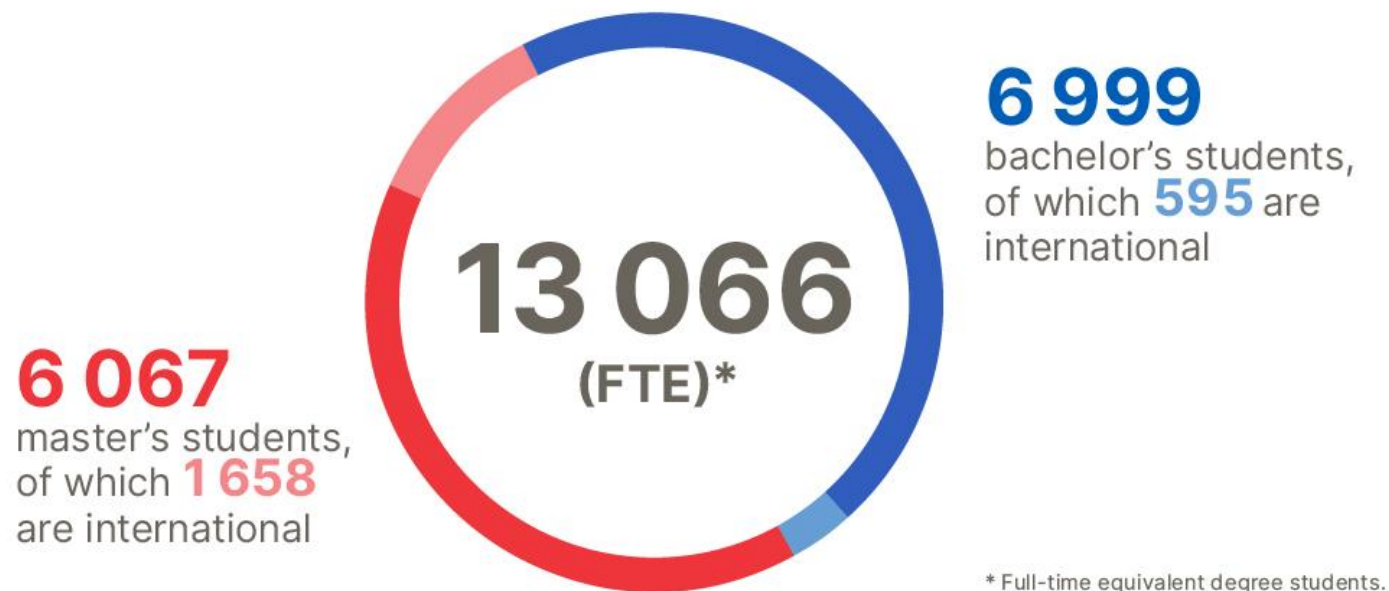


Master's degrees



Doctoral degrees

# Bachelor's and master's degree students



\* Full-time equivalent degree students.

Basic degree students 2022

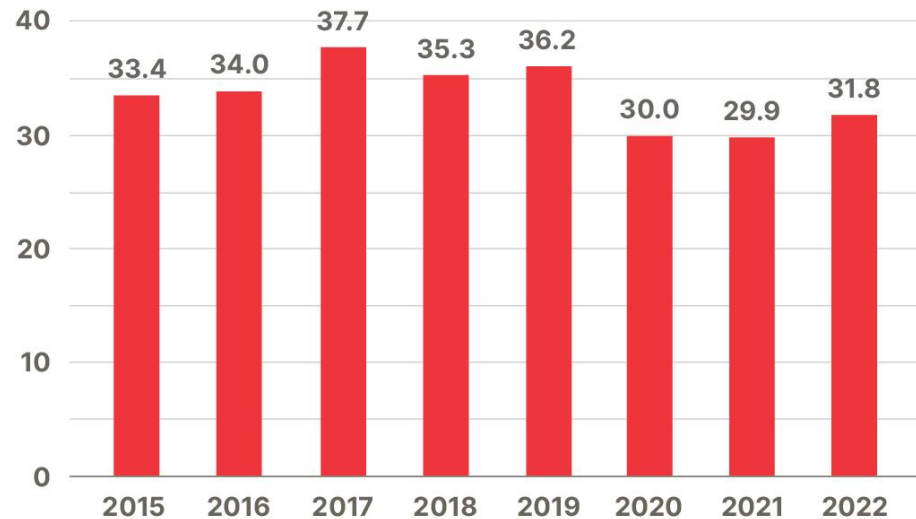


# Impact

A world-class innovation and entrepreneurship ecosystem has grown around Aalto

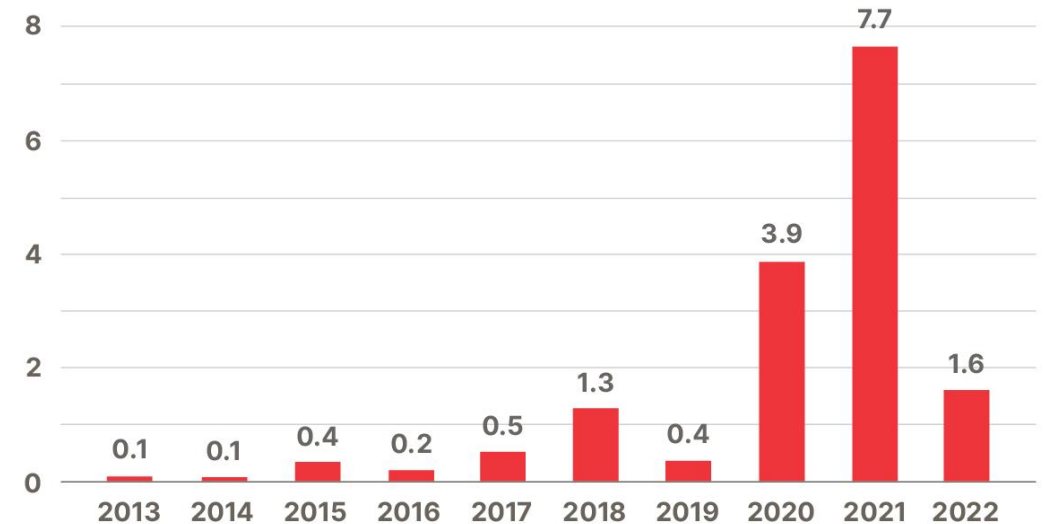


# Corporate collaboration and technology transfers



**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.

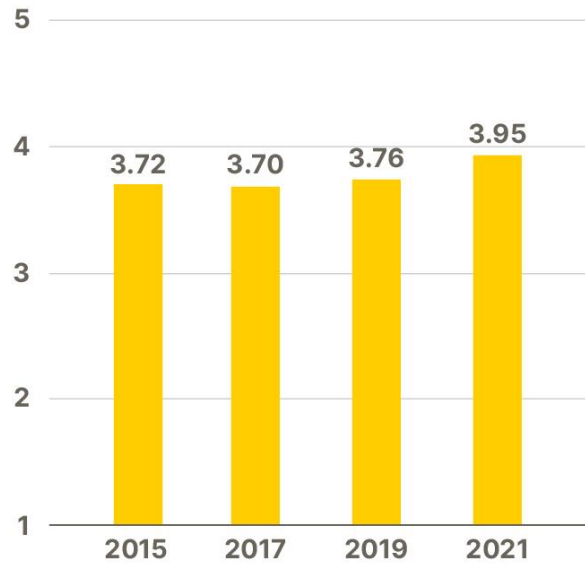


# Enabling our success

We invest in our community  
and people, infrastructures  
and campus, and services and  
resources

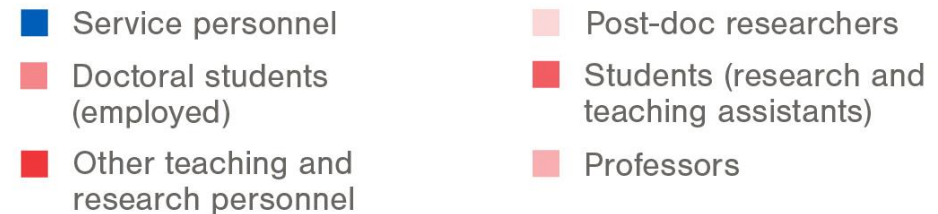
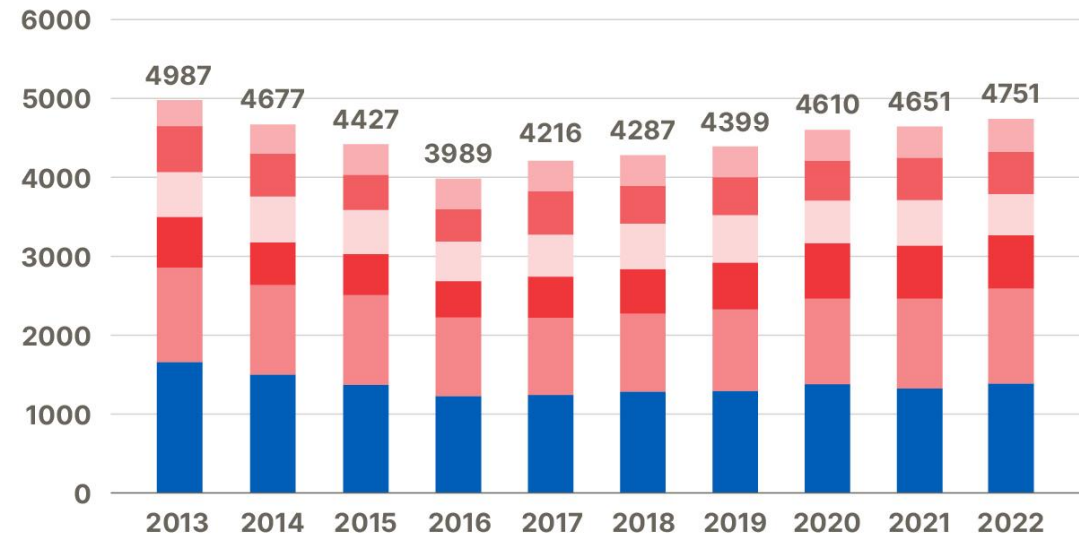


# Personnel wellbeing and personnel structure



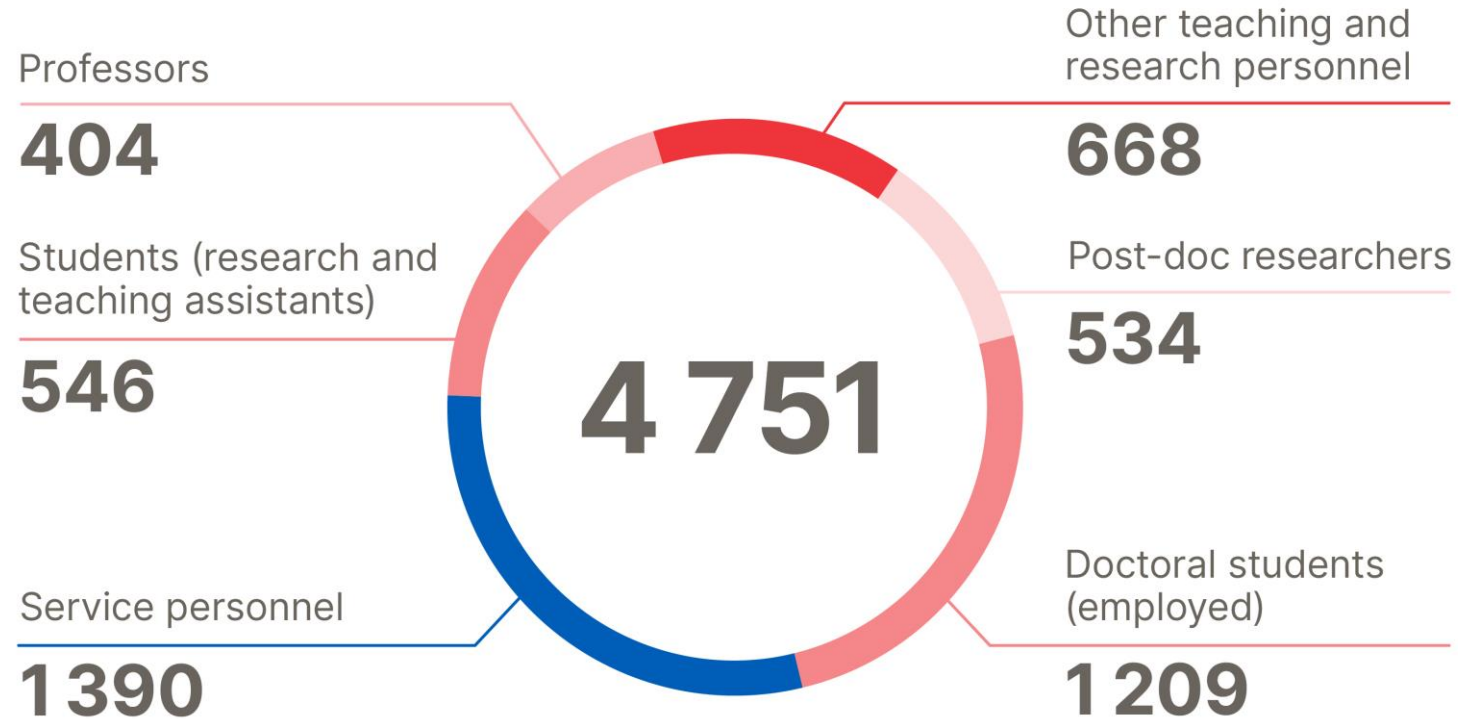
## Personnel wellbeing survey

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



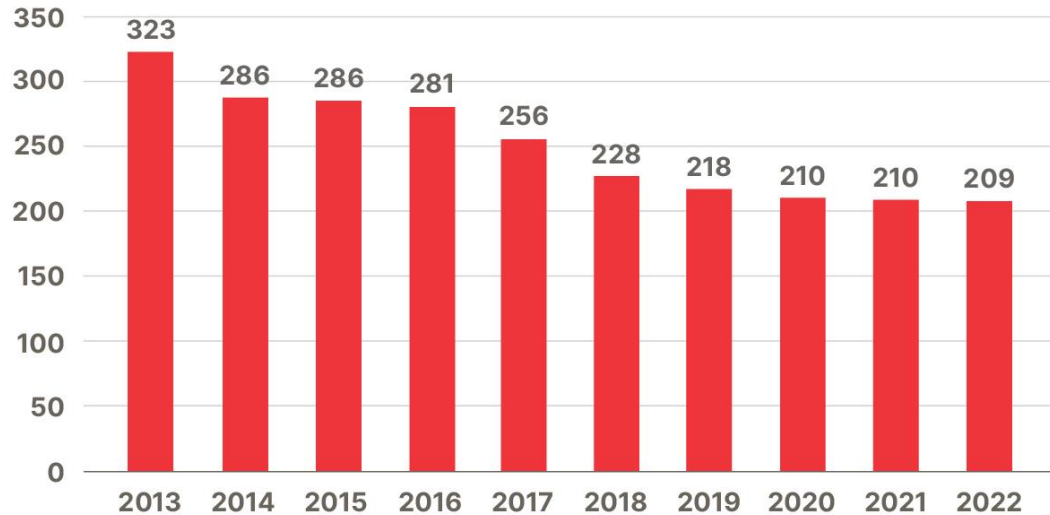
## Personnel structure development

# Personnel

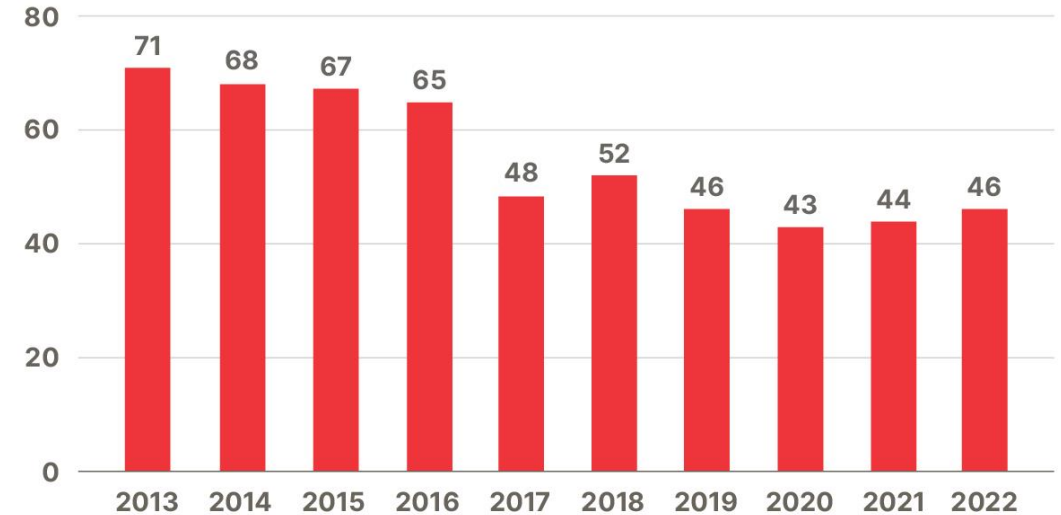


Number of personnel (31 Dec 2022)

# Facility usage and costs

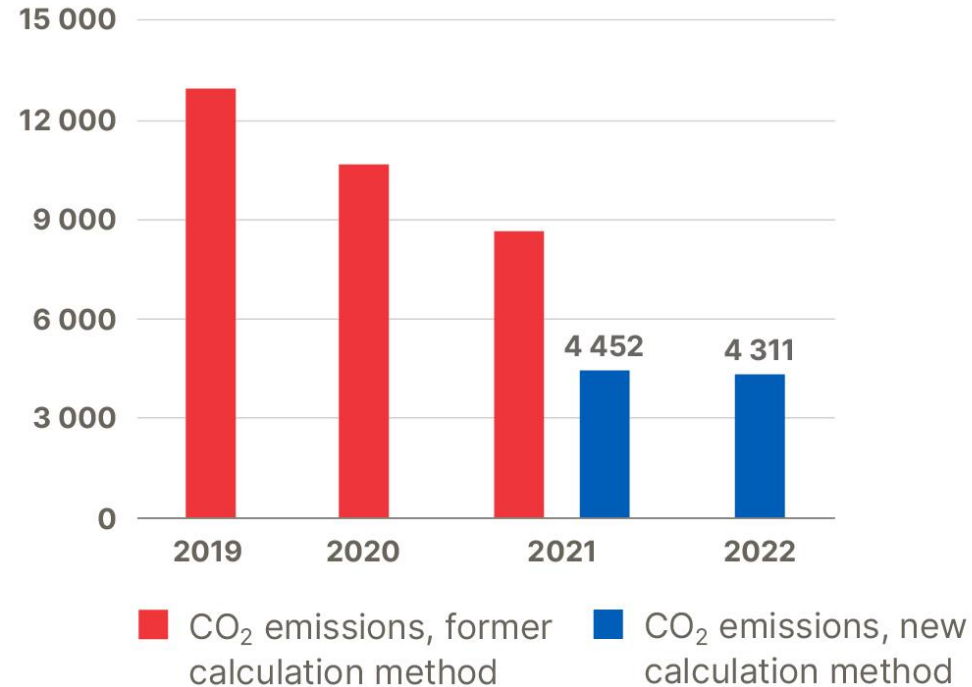


Facility usage (1 000 sqm²)



Facility costs (€ million)

# CO<sub>2</sub> emissions



## CO<sub>2</sub> emissions (tCO<sub>2</sub>-ekv/year)

Amount of CO<sub>2</sub> 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**



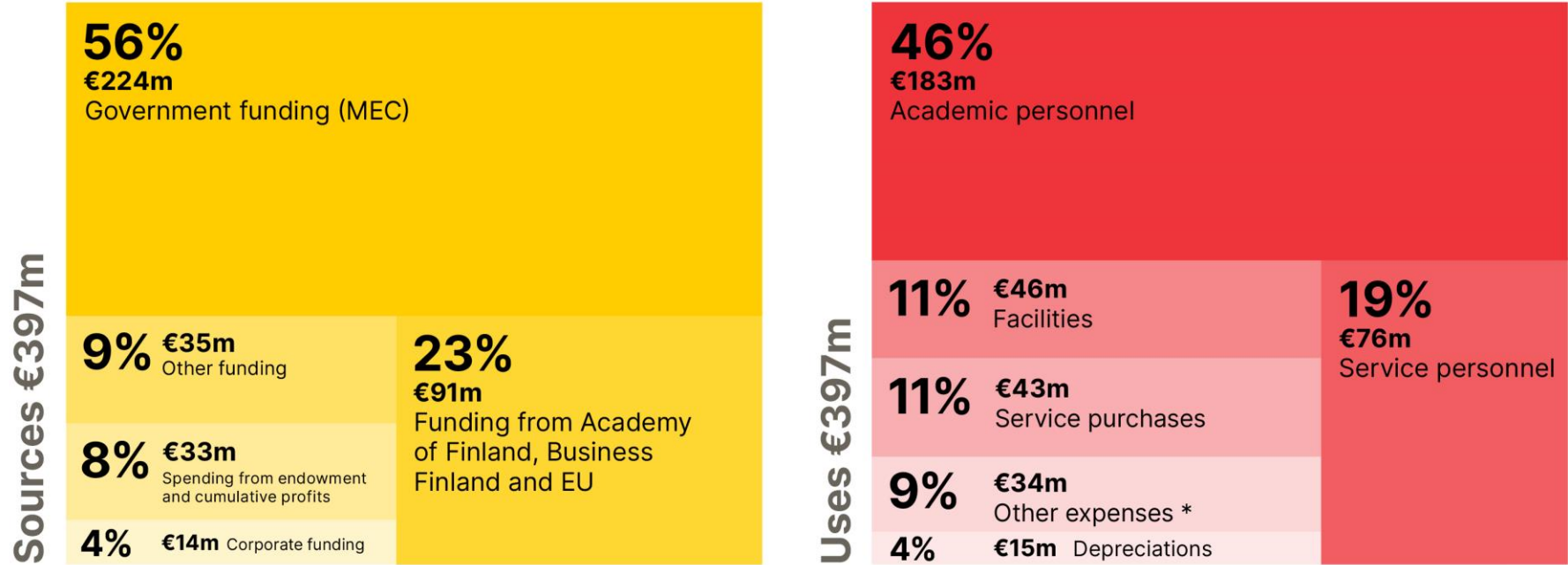
Otakaari 2 & 5L, Student Centre and the multi-storey parking building in Aalto Works block completed. Outdoor areas improvement continues. New buildings connected in the low heating network. The development of Stoneman's block is being completed. There will be new residential buildings, student housing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

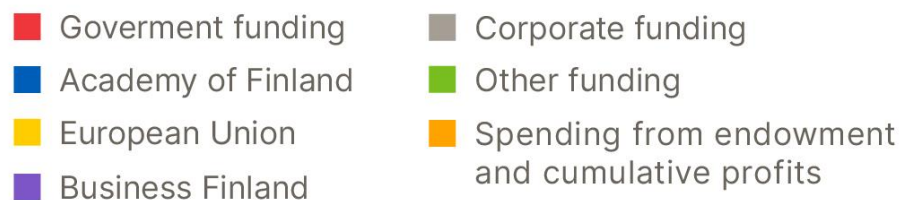
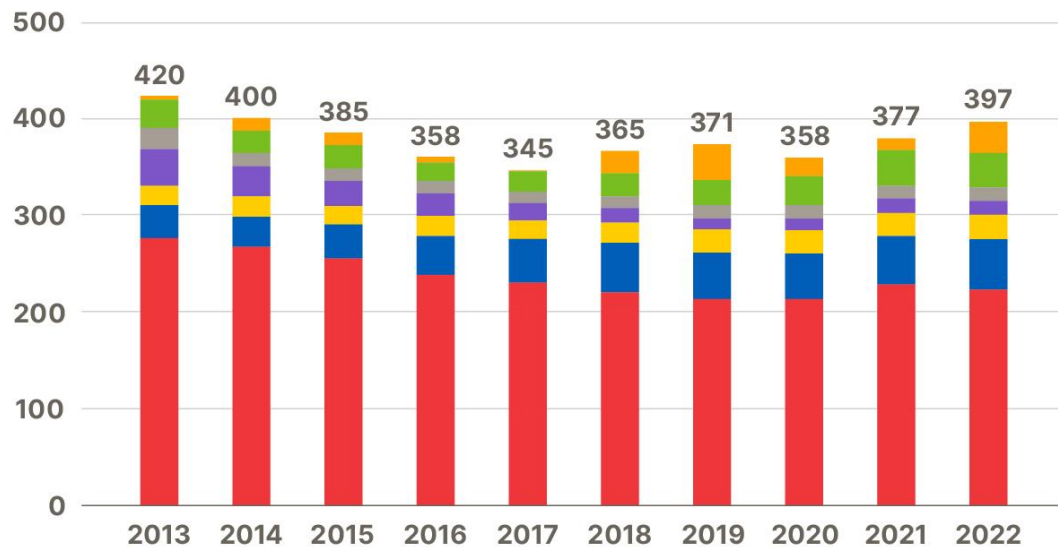


\* Consists of e.g. travel expenses, materials and supplies.

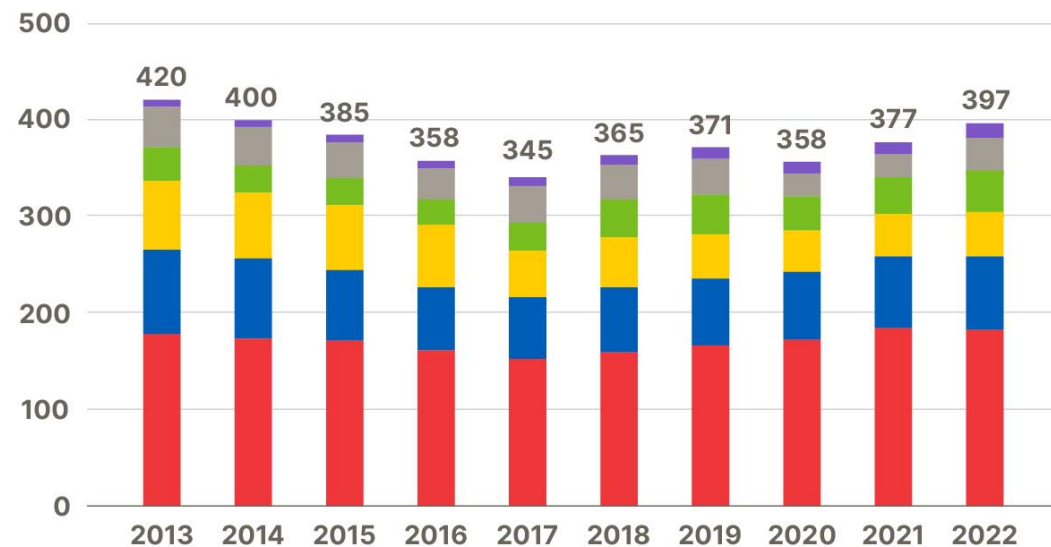
Sources and uses of funds 2022



# Sources of funding and uses of funding



Income (€ million)

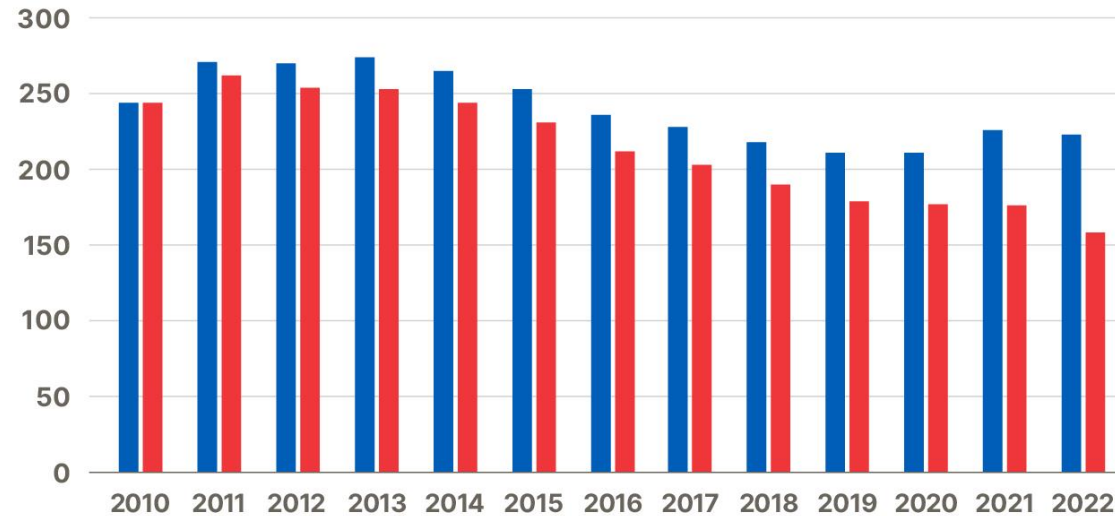


\* Consists of e.g. travel expenses, materials and supplies.

Expenses (€ million)



# 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)**