Funding statistics: Autumn call 2018

Contents

1 Applications and funded researchers/projects by research council and funding instrument

- Tables 1A–1C describe the number of applications, funded researchers/projects and success rate by research council (Biosciences, Health and the Environment; Culture and Society; Natural Sciences and Engineering), and funding instrument (Postdoctoral Researchers; Academy Research Fellows; Academy Projects) in 2017–2019. Table 1D describes the number of applications, funded researchers, and success rate for clinical researchers.
- The years 2017–2019 refer to the years when the funding decisions were made. The calls for applications took place in the previous year.
- The data concerning the Research Council for Biosciences, Health and the Environment in 2017 and 2018 have been calculated by technically combining the data for Research Council for Health and Research Council for Biosciences and Environment.
- In 2019, the research councils granted funding to 114 Postdoctoral Researchers (success rate 15%), to 65 Academy Research Fellows (success rate 13%), to 13 clinical researchers (success rate 29%), and to 250 Academy Projects with a total of 311 subprojects. The success rate for the Academy Projects was 18% (the percentage includes subprojects).
- Out of the 250 Academy projects the Research Council for Biosciences, Health and the Environment funded 91 projects, Research Council for Culture and Society 73 projects, and Research Council for Natural Sciences and Engineering 86 projects in 2019.

Table 1A. Postdoctoral Researchers: Applications and funded researchers by research council in 2017–2019.

Research Council	Applications			Funded researchers			Success rate		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
Biosciences, Health and the Environment	270	249	256	40	30	38	15%	12%	15%
Culture and Society	310	259	250	38	34	33	12%	13%	13%
Natural Sciences and Engineering	298	256	267	49	35	43	16%	14%	16%
Total	878	764	773	127	99	114	14%	13%	15%

Table 1B. Academy Research Fellows: Applications and funded researchers by research council in 2017–2019.

Research Council	Applications			Funded researchers			Success rate		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
Biosciences, Health and the Environment	192	173	144	26	22	25	14%	13%	17%
Culture and Society	186	152	166	21	21	20	11%	14%	12%
Natural Sciences and Engineering	206	183	203	22	23	20	11%	13%	10%
Total	584	508	513	69	66	65	12%	13%	13%

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Table 1C. Academy Projects: Applications and funded projects by research council in 2017–2019.

	Applications			Funded subprojects			Success rate		
Research Council	2017	2018	2019	2017	2018	2019	2017	2018	2019
Biosciences, Health and the Environment	511	459	539	100	79	116	20%	17%	22%
Culture and Society	508	433	479	81	61	81	16%	14%	17%
Natural Sciences and Engineering	614	597	682	110	88	114	18%	15%	17%
Total	1,633	1,489	1,700	291	228	311	18%	15%	18%

The number of applications and funded projects include subprojects of consortium applications.
The data for 2019 include the call for Academy Projects and the call for Academy Project funding for early-career researchers.

Table 1D. Clinical Researchers: Applications and funded researchers in 2017–2019.

	Applications			Funded researchers			Success rate		
Funding instrument	2017	2018	2019	2017	2018	2019	2017	2018	2019
Clinical researchers	37	38	45	11	9	13	30%	24%	29%

2 Applications and funded projects by organisation

- Table 2 describes the number of applications, the funded projects and the success rate by organisation in 2017–2019. The data include Postdoctoral Researchers, Academy Research Fellows, Academy Projects, and Clinical Researchers.
- In the Autumn call 2018, the Academy of Finland received a total of 3,031 applications and the success rate was 17% on average.

Table 2. Applications and funded projects by organisation in 2017–2019. The data include Postdoctoral Researchers, Academy Research Fellows, Academy Projects, and Clinical Researchers.

	Applications			Funded projects			Success rate		
UNIVERSITIES	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**
Aalto University	298	295	359	59	41	55	20%	14%	15%
Hanken School of Economics	20	18	11	*	*	*	*	*	*
LUT University	50	55	65	*	8	11	*	15%	17%
Tampere University	356	284	305	64	36	56	18%	13%	18%
University of Eastern Finland	239	205	226	28	24	35	12%	12%	15%
University of Helsinki	758	706	759	139	110	140	18%	16%	18%
University of Jyväskylä	257	221	219	31	39	36	12%	18%	16%
University of Lapland	27	22	23	*	*	*	*	*	*
University of Oulu	249	242	271	31	37	39	12%	15%	14%
University of the Arts Helsinki	10	*	13	*	*	*	*	*	*
University of Turku	348	294	293	53	38	47	15%	13%	16%
University of Vaasa	15	*	11	*	*	*	*	*	*
Åbo Akademi University	100	89	80	16	9	9	16%	10%	11%
GOVERNMENT RESEARCH INSTITUTES									
Finnish Environment Institute	30	24	32	*	*	7	*	*	22%
Finnish Geospatial Research Institute FGI (NLS)	14	10	15	*	*	*	*	*	*
Finnish Meteorological Institute	71	64	63	13	9	6	18%	14%	10%
Geological Survey of Finland	*	*	11	*	*	*	*	*	*
National Institute for Health and Welfare	24	31	26	*	*	5	*	*	19%
Natural Resources Institute Finland (Luke)	47	44	63	9	*	9	19%	*	14%
VTT Technical Research Centre of Finland Ltd	82	69	72	10	6	10	12%	9%	14%
OTHER ORGANISATIONS									
Finnish Youth Research Society	10	*	*	*	*	*	*	*	*
HUS Helsinki University Hospital	20	20	30	6	*	6	30%	*	20%
Turku University Hospital	10	*	*	*	*	*	*	*	*
Total (incl. organisations not listed above)	**3,132**	**2,799**	**3,031**	**498**	**402**	**501**	**16%**	**14%**	**17%**

(*) In the applications column a star indicates that the organisation had less than 10 applications in a given year. In the funded projects column and success rate column, a star indicates that an organisation had less than 10 applications and less than 5 funded projects in a given year.

In table 2, the total number of funded projects in 2019 differs by two from the figures in tables 1A–1D due to different data extraction times. Administrative changes concerning individual applications may cause small changes in the figures after the funding decisions have been made.

In terms of Academy Projects, the data for 2019 include the call for Academy Projects and the call for Academy Project funding for early-career researchers.

3 Applications and funded projects by disciplinary group

- Table 3 describes the number of applications, funded projects and success rate by disciplinary group in 2017–2019. The data include Postdoctoral Researchers, Academy Research Fellows, Academy Projects, and Clinical Researchers.
- Disciplinary groups are based on the primary research field of an application (see Appendix 1 for the detailed classification).
- In the Autumn call 2018, the Academy of Finland received a total of 3,031 applications and the success rate was 17% on average.

Table 3. Applications and funded projects by disciplinary group in 2017–2019. The data include Postdoctoral Researchers, Academy Research Fellows, Academy Projects, and Clinical Researchers.

	Applications			Funded projects			Success rate		
Disciplinary group	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**
Natural Sciences	700	631	710	115	97	102	16%	15%	14%
Engineering	463	448	489	72	55	80	16%	12%	16%
Biosciences	428	384	402	68	61	90	16%	16%	22%
Environmental, Agricultural and Forest Sciences	138	130	138	22	15	23	16%	12%	17%
Medical and Health Sciences	423	367	397	78	58	67	18%	16%	17%
Social Sciences	625	530	560	90	75	94	14%	14%	17%
Humanities	348	303	324	53	41	41	15%	14%	13%
All fields	**3,132**	**2,799**	**3,031**	**498**	**402**	**501**	**16%**	**14%**	**17%**

Disciplinary groups are based on the primary research field of an application.
The row "All fields" also includes applications which did not indicate a primary research field.
In table 3 the total number of funded projects in 2019 differs by two from the figures in tables 1A–1D due to different data extraction times. Administrative changes concerning individual applications may cause small changes in the figures after the funding decisions have been made.
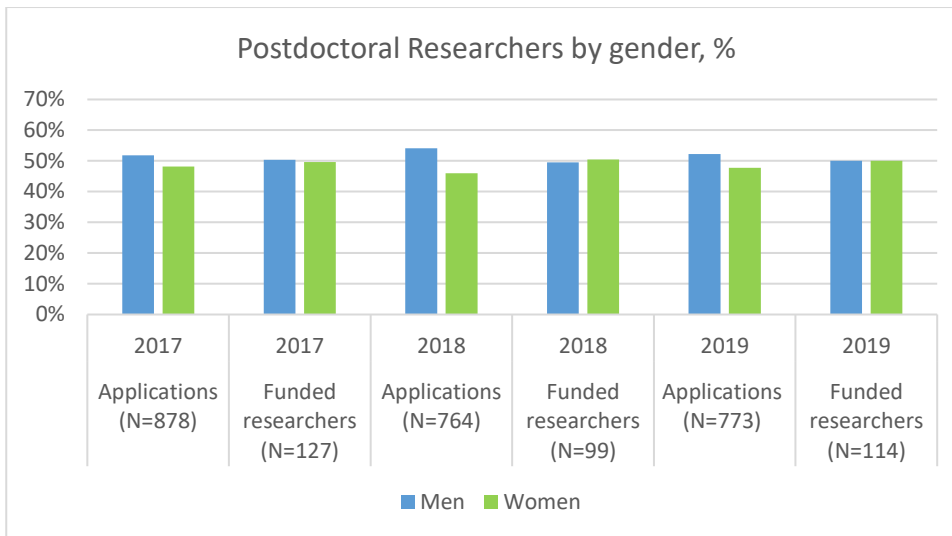In terms of Academy Projects, the data for 2019 include the call for Academy Projects and the call for Academy Project funding for early-career researchers.

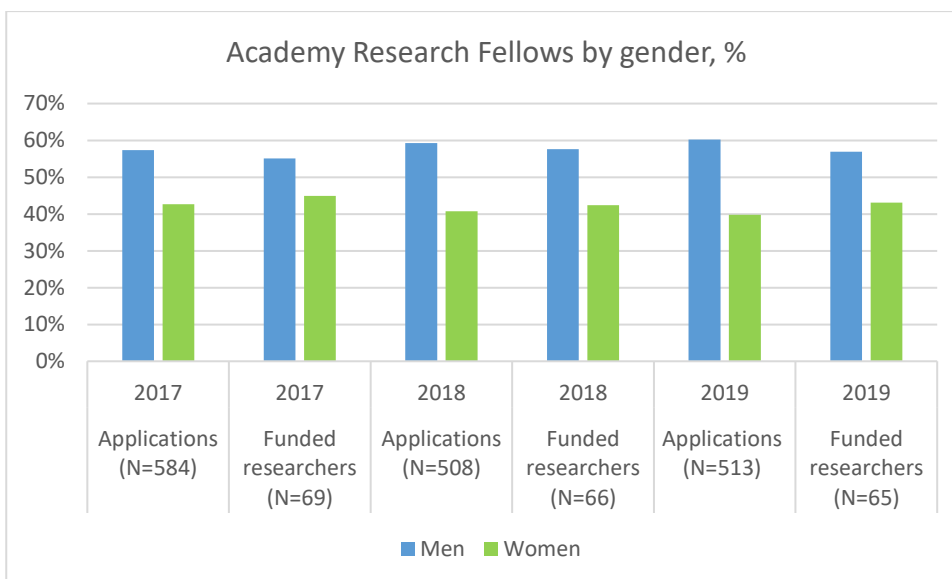## 4 Applications and funded researchers/projects by gender and funding instrument

- Figure 4A describes the share of applications and funded postdoctoral researchers by gender in 2017–2019.
- In 2019, the share of female applicants was 48% and female funded researchers 50%.

Figure 4A. Postdoctoral Researchers: Applications and funded researchers by gender in 2017–2019.
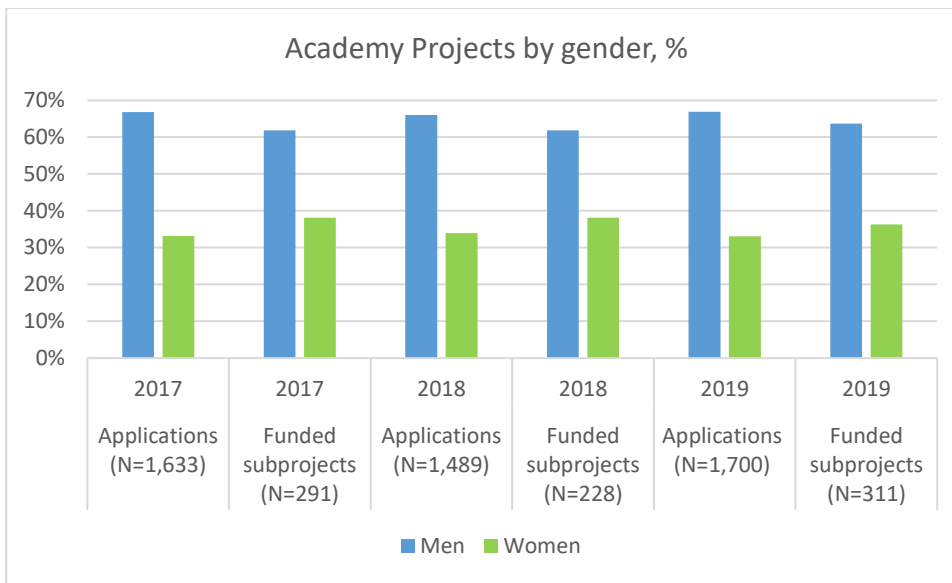

- Figure 4B describes the share of applications and funded Academy Research Fellows by gender in 2017–2019.
- In 2019, the share of female applicants was 40% and female funded researchers 43%.

Figure 4B. Academy Research Fellows: Applications and funded researchers by gender in 2017–2019.

- Figure 4C describes the share of applications and funded Academy Projects by gender in 2017–2019.
- In 2019, the share of applicantions by women was 33% and funded projects by women 36%.

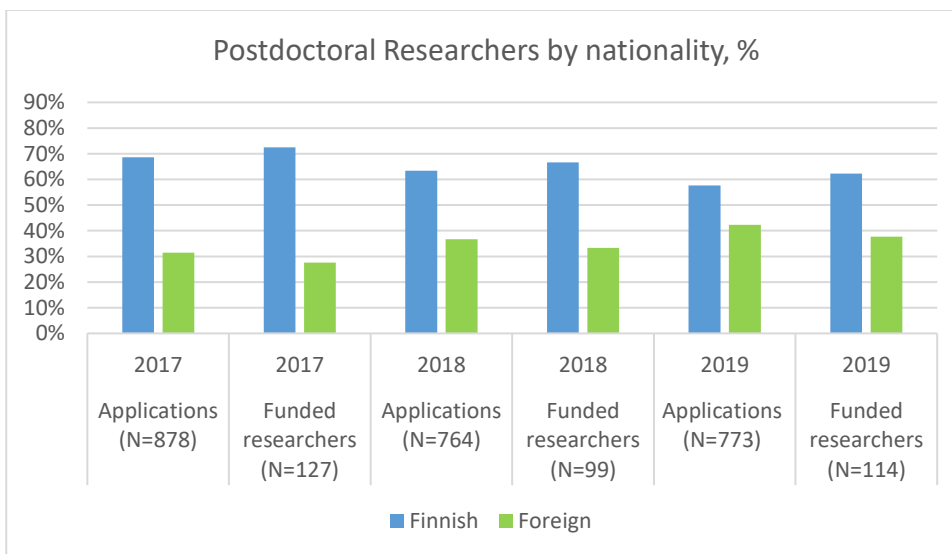**Figure 4C. Academy Projects: Applications and funded projects by gender in 2017–2019.**

The number of applications and funded subprojects include subprojects in consortium applications.
The data for 2019 include the call for Academy Projects and the call for Academy Project funding for early-career researchers.

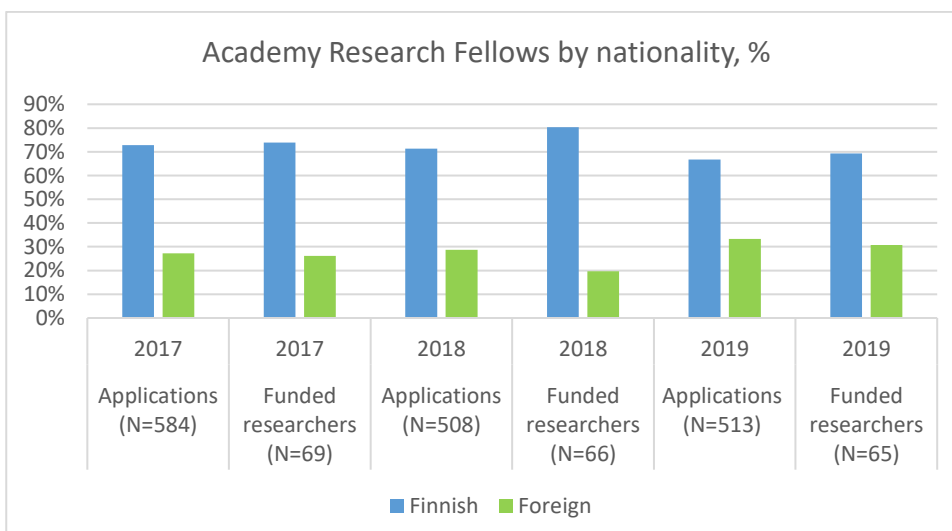## 5 Applications and funded researchers/projects by nationality of the applicant and funding instrument

- Figure 5A describes the share of applications and funded postdoctoral researchers by nationality in 2017–2019.
- In 2019, the share of foreign applicants was 42% and foreign funded researchers 38%.

Figure 5A. Postdoctoral Researchers: Applications and funded researchers by nationality of the applicant in 2017–2019.
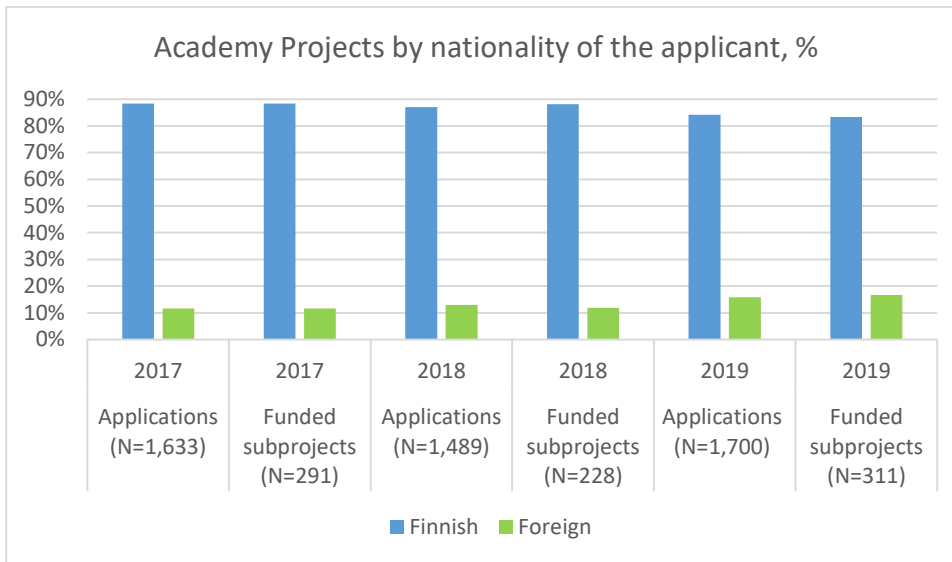

- Figure 5B describes the share of applications and funded Academy Research Fellows by nationality in 2017–2019.
- In 2019, the share of foreign applicants was 33% and foreign funded researchers 31%.

Figure 5B. Academy Research Fellows: Applications and funded researchers by nationality of the applicant in 2017–2019.

- Figure 5C describes the share of applications and funded Academy Projects by nationality in 2017–2019.
- In 2019, the share of applications by foreign applicants was 16% and funded projects 17%.

Figure 5C. Academy Projects: Applications and funded projects by nationality of the applicant in 2017–2019.
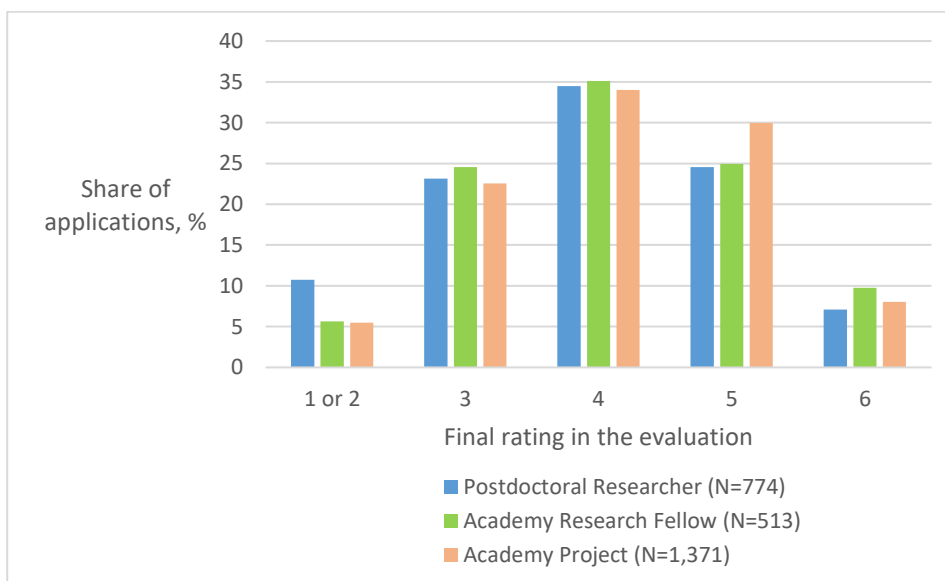

The number of applications and funded subprojects include subprojects in consortium applications.

The data for 2019 include the call for Academy Projects and the call for Academy Project funding for early-career researchers.

6 Evaluation score distribution by funding instrument in the Autumn call 2018

- Figure 6 describes the distribution of final ratings of applications in the Autumn call 2018 by funding instrument. Funding decisions were made in 2019.

- In the call for Postdoctoral Researchers 25% of applications got the final rating of 5 and 7% got the final rating of 6. For the Academy Research Fellows the shares were 25% and 10%, and for the Academy Projects 30% and 8% respectively.

Figure 6. Distribution of final ratings of applications in the Autumn call 2018 by funding instrument.

The number of Academy Project applications reflects the total number of evaluated projects, not subprojects. The Academy Project data include the call for Academy Projects and the call for Academy Project funding for early-career researchers.
The number of applications by Postdoctoral Researchers differs by one from other figures and tables due to different data extraction times.

7 Academy projects: Average funding per funded project by organisation

- Table 7 (see next page) describes the average funding per funded Academy project by organisation in 2017–2019. Academy Project funding is typically granted for a 4-year funding period.
- In the 2019 funding decisions, the granted funding per funded project was around 418,000 euros on average.

Table 7. Total funding and average funding per funded Academy Project by organisation in 2017–2019. The table includes organisations which had at least 10 Academy Project applications and at least 5 funded projects in 2017, 2018 and/or 2019. The number of applications and funded projects include subprojects in consortium applications.

Organisation	Number of funded projects			Granted funding total, MEUR			Granted funding per funded project, EUR		
UNIVERSITIES	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**
Aalto University	35	23	31	15.5	9.7	12.3	441,702	423,531	396,103
LUT University	*	5	7	*	2.1	2.4	*	426,612	336,752
Tampere University	37	14	33	15.1	7.0	13.6	408,299	498,623	410,937
University of Eastern Finland	20	17	28	8.2	6.9	11.2	408,013	404,201	399,538
University of Helsinki	74	60	77	31.7	26.8	35.4	428,491	446,976	459,304
University of Jyväskylä	15	24	24	6.6	11.0	10.7	439,188	459,713	445,807
University of Oulu	13	21	28	5.3	9.3	13.1	409,678	443,240	469,612
University of Turku	34	20	26	14.6	8.8	10.9	429,967	437,932	419,001
Åbo Akademi University	13	7	5	5.4	2.5	2.0	417,839	359,145	399,626
GOVERNMENT RESEARCH INSTITUTES									
Finnish Environment Institute	*	*	5	*	*	1.3	*	*	267,916
Finnish Meteorological Institute	8	7	*	3.1	3.1	*	389,900	448,347	*
Natural Resources Institute Finland (Luke)	8	*	8	3.1	*	2.8	390,612	*	355,771
VTT Technical Research Centre of Finland Ltd	6	5	8	2.1	2.2	3.3	347,536	432,478	410,261
Total (incl. organisations not listed above)	**291**	**228**	**311**	**121.1**	**99.7**	**129.9**	**416,119**	**437,328**	**417,841**

(*) A star indicates that in a given year the number of funded projects was less than 5. Due to this the total funding and granted funding per funded project are not shown.
Academy Project funding is typically granted for a 4-year funding period.
The data for 2019 include the call for Academy Projects and the call for Academy Project funding for early-career researchers.

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8 Reviewers by country of their organisation in the Autumn call 2018

- Figure 8 describes the number of reviewers by country. A country refers to the country of the reviewers home organisation.
- A total of 686 reviewers (of which 33% were women) participated in the evaluation of applications submitted to the Autumn call 2018. The total number of reviewers consists of 638 panel members and 48 individual reviewers.
- In the Autumn call 2018, the four most typical countries where the reviewers work were United Kingdom, Germany, Sweden, and the Netherlands.

Figure 8. Number of reviewers by country in the evaluation of applications submitted to the Autumn call 2018. A country refers to the country of the reviewers' home organisation, not their nationality.

Number of reviewers by country

Country	Number
United Kingdom	181
Germany	90
Sweden	74
Netherlands	64
Denmark	37
France	30
Italy	29
Norway	28
Spain	28
Belgium	23
Switzerland	22
Other	22
United States	14
Portugal	11
Austria	11
Ireland	11
Australia	6
Estonia	5

The total number of reviewers consists of 638 panel members and 48 individual reviewers.
Other: A total of 22 reviewers were from countries with less than 5 reviewers per country.

Appendix 1. Disciplinary classification

Disciplinary group	No	Primary research field
Engineering	101	Architecture
Engineering	102	Food engineering
Engineering	103	Energy engineering
Natural Sciences	104	Physics
Natural Sciences	105	Geosciences
Natural Sciences	106	Chemistry
Engineering	107	Mechanical engineering and manufacturing technology
Natural Sciences	108	Computational science
Engineering	109	Medical engineering
Natural Sciences	110	Mathematics
Engineering	111	Materials science and technology
Engineering	112	Nanoscience and nanotechnology
Engineering	113	Process technology
Engineering	114	Construction and municipal engineering
Engineering	115	Electrical engineering and electronics
Engineering	116	Industrial biotechnology
Natural Sciences	117	Computer science
Natural Sciences	118	Statistics
Engineering	119	Industrial management
Natural Sciences	120	Astronomy
Engineering	121	Environmental engineering
Biosciences	201	Biochemistry, biophysics
Biosciences	202	Ecology, evolutionary biology and ecophysiology
Biosciences	203	Plant biology
Biosciences	204	Developmental biology and physiology
Biosciences	205	Microbiology
Biosciences	206	Genetics
Biosciences	207	Cellular and molecular biology
Biosciences	208	Systems biology, bioinformatics
Environmental, Agricultural and Forest Sciences	209	Environmental science
Environmental, Agricultural and Forest Sciences	301	Food sciences
Environmental, Agricultural and Forest Sciences	302	Agricultural sciences
Environmental, Agricultural and Forest Sciences	303	Forest sciences
Medical and Health Sciences	401	Biomedicine
Medical and Health Sciences	402	Veterinary medicine
Medical and Health Sciences	403	Pharmacy
Medical and Health Sciences	404	Dental science
Medical and Health Sciences	405	Nursing science
Medical and Health Sciences	406	Public health research
Medical and Health Sciences	407	Clinical medicine
Medical and Health Sciences	408	Sport sciences
Medical and Health Sciences	409	Nutrition
Medical and Health Sciences	410	Environmental health research
Medical and Health Sciences	501	Neuroscience
Social Sciences	601	Human geography
Social Sciences	602	Economics
Social Sciences	603	Education
Social Sciences	604	Development research
Social Sciences	605	Business administration
Social Sciences	606	Women and gender studies
Social Sciences	607	Law
Social Sciences	608	Psychology
Social Sciences	609	Social sciences
Social Sciences	610	Science studies
Social Sciences	611	Political science
Social Sciences	612	Communication
Social Sciences	613	Environmental social science research
Humanities	701	Philosophy
Humanities	702	History and archaeology
Humanities	703	Linguistics
Humanities	704	Literature research
Humanities	705	Design research
Humanities	706	Art research
Humanities	707	Theology