



ACADEMY OF FINLAND

APRIL CALL

1–29 April 2014

The Academy of Finland funds cutting-edge and innovative research aimed at significant breakthroughs. The Academy is Finland's leading expert organisation in science and science policy and in that role is focused on strengthening the position of science and research. Our funding is based on open competition and independent peer review.

In 2014, we will make funding decisions worth about EUR 310 million. We are committed to promoting equality in all our activities.

You can find out more about us on www.aka.fi/eng.



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HOW TO APPLY – THE BASICS

When?

The Academy of Finland has two application rounds: September and April.

In September, applications are invited, among others, in the following funding opportunities: Academy Project funding, targeted Academy Project funding and personal funding for research posts (i.e. Academy Professor, Academy Research Fellow, Postdoctoral Researcher and clinical researcher).

In April, applications are invited for funding within research programmes and targeted Academy Project funding, for instance.

The deadlines of the following funding opportunities may differ from our main deadlines: research programmes, research infrastructures, two-stage calls and calls for international or national research collaboration.

What?

Our funding opportunities are presented on our website under [Funding opportunities](#).

How?

Information on open calls is posted on our website under [Apply now](#). Detailed guidelines on how to submit applications are available on our website:

- 1) [calls for applications](#), published twice a year, describing all funding opportunities open for application at that particular time
- 2) [guidelines on how to draft applications](#)
- 3) [guidelines on how to draft appendices](#) (structure and length)
- 4) [programme memoranda](#) of research programmes to be launched
- 5) [How-to-Guide](#) (PDF) to the Academy's online services.

Please check the deadline for each call in the call text. We will not consider applications that have not arrived by the deadline.

We expect that you carefully read the call for applications and the other guidelines mentioned above before submitting your application.



1 GENERAL GUIDELINES

1.1 FOR APPLICANTS

Who is eligible to apply?

The applicant (i.e. the principal investigator or PI of a research project) for Academy of Finland research funding must have the qualifications of a professor or a docent, or be a researcher with a doctorate, unless the call text indicates otherwise. In some funding opportunities, the applicant is a university or a research institute.

Academy research funding is allocated on the basis of peer review to the best researchers and research teams and to the most promising young researchers for carrying out scientifically ambitious projects. In principle, the projects we fund must serve Finnish research and society or international collaboration.

Within the same application round, we will review only one application per researcher in one of the following funding opportunities:

- Academy Project (PI of project)
- Academy Project (PI of consortium or consortium subproject)
- Postdoctoral Researcher
- Academy Research Fellow
- clinical researcher (targeted funding).

However, if you do submit more than one application for one or several of the above funding opportunities, we will only review the first application to arrive. In the case of targeted Academy Project funding, this limitation will be indicated separately for each call.

An application consists of an online application and its appendices (usually a research plan, a curriculum vitae, etc.).

What is funded?

What the funding covers depends on the funding opportunity. You can apply for Academy funding to cover, for example, the following direct research costs:

- the research team's working hours (salaries)
- research costs
- travel
- national and international collaboration and mobility
- preparation of international projects.

You can also receive funding for VAT costs, but only on certain conditions; read more on our website under [Value added tax](#).

In calls implemented in accordance with full costing, Academy funding can be used to cover both direct project costs (e.g. direct salaries) and indirect costs (e.g. costs for premises). Both types of costs are covered with the same percentage. Read more on our website under [Full cost model](#).



We require that the site of research (e.g. university department) undertakes to provide the research project with the necessary **basic facilities**. These are determined based on the nature of the research and are the same as those available to other research staff at the institution: office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services, etc.

In the application, give a **cost estimate** including an estimate of the annual amount of funding needed, itemised by type of expenditure. Also include a **funding plan**, that is, all funding granted for the project in question and funding that will be provided by the site of research if the project is launched. **The cost estimate must be realistic and justified by type of expenditure in the research plan.**

Support to international researcher mobility

The calculation of support to international mobility was changed as of autumn 2013. The changes did not affect the Academy's personal mobility grants (see section 3.4.2 of the September 2013 call for applications, *Bilateral researcher mobility based on bilateral agreements*), but they did affect the mobility allowances (former grants for research abroad; applied for in connection with the research costs for a project). The type of mobility funding applied for depends on the duration of the uninterrupted period the researcher will stay abroad. Read more in Appendix 2 of the call for applications (April 2014) and on our website under [Support to international researcher mobility 2013–2014](#).

Salary costs of principal investigator

Academy funding for a research project (Academy Projects, targeted Academy Projects and research programme projects) is primarily intended for **the salaries of full-time researchers working on the project and for other research costs**. The salary costs of the PI can, with certain limitations, be incorporated into the total project costs (see below). The PI can also be granted funding for salary costs, but only for well-substantiated research-related reasons.

1 Including the PI's salary in total project costs

The salary costs of the PI can be incorporated into the project costs to be funded, in accordance with full costing and the research plan. However, these costs must not be significant in relation to the project's total costs. For example, a four-year research project must not include more than six months of the PI's effective working hours. This is equivalent to one day a week or 1.5 months a year.

The PI's **tasks must be clearly described** in the research plan (section 5, *Implementation*). The salary must be indicated in the online application under *Project funding, Salaries*.

2 Applying for funding for the PI's salary for research purposes

The Academy can grant a maximum of twelve months of funding towards the salary of a PI for conducting research. The funding is intended to support project implementation and is granted only **for well-substantiated research-related**



reasons (e.g. work abroad, return to Finland and transfer to another research organisation or a company in Finland).

These well-substantiated reasons must be clearly presented in the research plan (section 5, *Implementation*), with a clear description of the PI's tasks. The salary must be indicated in the application under *Project funding, Salaries*.

3 Granting salary funding to a PI with no employment relationship

If the PI has no employment relationship with, for example, a university or research institute, they must give an account of how their salary will be covered during the funding period. These details must be accounted for at the application stage.

While retired researchers cannot be granted funding for their own salary or personal grants, they can be granted other funding on the same grounds as other researchers.

Project collaboration or consortium?

When researchers and research teams cooperate through normal **project collaboration**, the partners independently apply (with their own application) for funding for their projects and describe the collaboration in each research plan. The Academy treats project collaboration applications as separate applications.

Funding may also be applied for by a **consortium composed of research projects** working at different sites (e.g. at different universities or at different departments of the same university). A consortium is a fixed-term body of independent subprojects that work under a joint research plan with a view to generating greater added value through systematic collaboration than through normal project collaboration. The Academy treats a consortium application as one application, and the funding decision is made by a research council or subcommittee at the Academy.

The application of a consortium can be processed only if the applications of all subprojects have been submitted by the deadline. The deadline is non-negotiable. The composition of a consortium cannot be changed after the deadline.

Please note that a consortium application is started in the online services by the PI of the consortium, who must take the consortium code generated by the system and send it to the members of the consortium. The members then use that code to attach their subprojects to the consortium. They will have to log in to the Academy's online services to do so.

For detailed guidelines on consortium applications and appendices, see [Consortium application](#) on our website.

Strategic Centres for Science, Technology and Innovation

The Academy's funding opportunities promote leading-edge scientific research at Strategic Centres for Science, Technology and Innovation (Finnish acronym SHOK).

Such research may either be directly affiliated with a specific strategic centre or be scientific research that serves the thematic area of a strategic centre. If your research



plan is tied in with a thematic area of one or several strategic centres, please follow the guidelines below.

When submitting your application, select on the list in the online services the strategic centre with whose thematic area the application is affiliated.

- 1 If your application is **directly affiliated** with a strategic centre, you must attach a statement issued by the centre. The statement must:
 - confirm that your project is affiliated with the centre
 - give a description of the project's role in and significance for the centre's operations
 - describe the form and contents of the collaboration between the project and the centre.
- 2 If your application is not directly affiliated with a strategic centre, but you feel that the application **has relevance** to the centre's thematic area, you must justify this in your research plan.

The applications are reviewed in line with the Academy's general practices and criteria. Our general evaluation criteria are available on our website under [Evaluation criteria](#). Read more about the strategic centres on [our website](#) and www.shok.fi/en.

Reviewing and not reviewing applications

Academy funding is based on a scientific review of the research plan and the applicant. The Academy mainly uses foreign experts as reviewers. Applicants have the right to submit their application in Finnish or Swedish. Nonetheless, **we ask you to submit your application in English** in order to:

- facilitate the international peer review of applications
- ensure an equal preparation of funding decisions
- ensure a smooth processing of applications.

To ensure a successful review of the application, it is important that – in addition to the correct Academy **research council** and your **research fields** – you also enter **keywords** describing your research and research methods. For more information, see [Research field classification](#) and [Research fields hosted by the Research Councils](#) on our website.

Our evaluation process is presented on our website under [Review of applications](#) and [Guides for reviewers](#). The criteria applied in the review of applications are presented under [Evaluation criteria](#). Please read these and any additional guidelines on the research councils' own pages.

We may, for justified reasons, decide not to review an application. The reasons that are considered in these cases are presented on our website under [Evaluation criteria](#).

Guidelines on appendices

For detailed guidelines on how to draft applications, see [Appendices](#) on our website.



Researcher's CV in line with TENK template

The Finnish Advisory Board on Research Integrity (TENK), Universities Finland (UNIFI), the Rectors' Conference for Finnish Universities of Applied Sciences (Arene) and the Academy of Finland have drafted a model for a researcher's curriculum vitae. This model CV provides guidelines on how to draft an appropriate CV from the perspective of research ethics so that it presents a researcher's merits as comprehensively and truthfully as possible and in such a way that it facilitates comparisons between applicants. We ask you to draft your CV in line with [TENK's](#) and [the Academy's](#) guidelines, taking into account the nature of the call, your own research career stage and the standards of your scientific discipline.

Research plan and ethical issues, data management, publishing and mobility plan, use of infrastructures

The **ethical issues and responsibilities** to be considered at the application stage are described on our website under [Ethical issues and applying for funding](#). The ethical issues of the research must always be specified in the research plan, as they are reviewed as part of the scientific review.

We also require that you give – as part of your research plan – an account of how your project proposes to obtain its research materials; how the materials produced by the project will be used, stored and protected; and how the subsequent use of the materials will be facilitated. The account, referred to as a **data management plan**, must also cover the rights of ownership and use pertaining to the material used and generated by the project. We recommend that Academy-funded projects also investigate the possibility of long-term storage of data.

We also recommend that Academy-funded research projects deliver any social science research data they have gathered to the [Finnish Social Science Data Archive](#). It is also our recommendation that any language material created within the projects be made available to other researchers through the [FIN-CLARIN system](#).

We further recommend that Academy-funded researchers publish their articles in *open-access scientific journals*, if there are online journals in the field in question that are at least of the same high quality as traditional subscription journals. The articles can also be saved in *open-access electronic archives*.

Your application must also include a **mobility plan**. In the application (under *Mobility*), describe how the project intends to carry out mobility serving the project within Finland and abroad during the funding period. If you are applying for funding for a research post as Postdoctoral Researcher or Academy Research Fellow, also give an account of your previous mobility (under *Previous mobility*).

In addition (under *Partners*), describe how partners will contribute to the project.

You must describe the mobility, the partners and how the project intends to use research infrastructures both in the application (in detail) and in the research plan.



1.2 FOR SITES OF RESEARCH

Terms and conditions of funding

The Academy of Finland will fund a research project only if the site of research undertakes to provide the researcher with the necessary basic facilities for research.

Academy funding is allocated to the researcher's host organisation. Grants for work abroad (referred to as mobility grants) may also be allocated directly to researchers.

Academy funding to organisations outside the central government (e.g. universities) is classed as a discretionary government transfer. Since our funding is allocated not to individual researchers but to their host organisations, the organisation – not the researcher – is regarded as the recipient of the transfer (in accordance with the Finnish Act on Discretionary Government Transfers), and will accordingly be required to assume all related obligations. The host organisation receiving the transfer is permitted to use the transfer solely to fund the research carried out by the PI named in the application.

Staff to be hired with Academy research funding must have an employment relationship with the site of research or the organisation receiving the funding.

For detailed conditions and guidelines (revised annually) on the use of funding and reporting, see [Use of funding](#) on our website.

Co-funding, full costing and additional cost model

Academy research funding is a form of **co-funding** in which the funds to finance the costs of a project to be funded come from at least two sources. When Academy funding is applied for, universities, research institutes and other research organisations commit to contributing their percentage of the costs.

In calls where **full costing** is applied to the cost calculation, the Academy's contribution to the funding **usually comes to no more than 70%** of total project costs.

In your application, you must include a funding plan in accordance with the full cost model, including the amount of funding applied for from the Academy. Draft your online application so that the Academy's contribution to funding comes to no more than the percentage indicated in the call text.

Before submitting your application, you must agree with the administration at your own organisation on the contribution of the site of research to the funding of your project. As the total project costs must not include any costs that do not pass through the books of the site of research, you must check from your own organisation if the funding planned as the own funding contribution fits in with this purpose. When calculating the total projects costs at the application and decision-making stage, we will only take into account funding that has been confirmed (e.g. through a decision by the body that has granted the funding).

The maximum percentage of funding is applied to the calculation of **estimated** total costs both at the application and decision-making stage, and to the calculation of **real**



total costs during the course of the project (payment procedure). The percentage is applied to all project costs, that is, to both direct and indirect costs, including the overheads.

For more on full costing, see [Full cost model](#) and [Full cost model: principles and definitions](#) on our website.

Full costing was introduced on the proposal by the Finnish Ministry of Finance in 2009. Earlier, the Academy compensated overheads using the additional cost model. That model is still applied to the salary funding in research posts as Academy Research Fellow and Academy Professor. In applications following the additional cost model, the system will calculate (in addition to other costs) 14.29% as overheads costs, in which case the decision includes an overheads percentage of 12.5%.

Commitment by site of research

The Academy will provide funding for a research project only if the application includes a commitment by the site of research. You must agree on this commitment **in advance** with a representative of the site of research. After the call deadline, we will request the commitment by the site of research from the person indicated in the application. Read more on our website under [Commitment by site of research](#).

In calls where full costing is applied, you must – before submitting your application – determine from your own organisation **the funding contribution, the coefficients and the VAT practice** of the site of research, and agree on them with the commitment issuer. The coefficients indicated will be valid during the entire funding period.

If funding is not received from any other sources, the site of research must cover **at least 30%** of the total costs of a project under full costing. If funding is received from other sources, the contributions by other sources must also pass through the books of the site of research.

The competent person of the site of research issues the commitment in the Academy's online services on behalf of the site. By issuing the commitment, the site of research undertakes to, for instance:

- secure the necessary basic facilities for the project, which are the same as those available to other research staff at the institution: office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services
- fund the project (in accordance with full costing) with the funding contribution presented in the research plan.

At the application stage, the site of research must:

- check (regarding projects to which full costing is applied) that the coefficients (overheads, indirect employee costs and effective working hours) of the site of research indicated in the application are entered correctly
- check that [the VAT practice](#) is entered correctly in the application.



A prerequisite for Academy funding is that both the applicant and the site of research commit to the guidelines issued by the Finnish Advisory Board on Research Integrity on [responsible conduct of research and procedures for handling allegations of misconduct in Finland](#).

If the funding is a discretionary government transfer awarded to organisations outside the central government (e.g. universities), the site of research also undertakes to act as the recipient of the transfer on behalf of the applicant and will accordingly be required to assume all related obligations.

With respect to applicants for funding for research posts as Academy Professor and Academy Research Fellow, the commitment by the site of research also applies to the use of the researcher's working hours for purposes other than research, and to salaries and other circumstances surrounding the researcher's work.

For more on how a commitment by the site of research is issued, see [Commitment by site of research](#) on our website.

1.3 SUBMITTING APPLICATIONS, APPLICATIONS PENDING, PUBLICITY AND PUBLIC DESCRIPTION

Submitting applications, when applications become pending

Applications for the Academy of Finland's April 2014 call can be drafted and submitted in the online services as of Tuesday 1 April 2014. The non-negotiable deadline is Tuesday 29 April 2014 at 16.15, if not otherwise indicated in the call text. Please note that certain international calls may have a nonstandard application procedure and deadline. To ensure smooth drafting and submission, please submit your application well in advance of the deadline.

You must submit your application in your own name and with your own user ID.

According to Section 17 of the Finnish Administrative Procedure Act (434/2003), the sender is responsible for the application arriving by the set deadline.

An application becomes pending at the Academy when the online application and the obligatory appendices are **submitted in the online system**. The system will indicate the successful submission by sending an email to the address given by the applicant.

Please note that you cannot submit a full-costing-based application in which the Academy's contribution to funding is higher than the percentage indicated in the call text. Nor will the system accept applications that lack obligatory appendices.

For guidelines on how to submit an application in the Academy's online services, see the [How-to Guide](#) (PDF). If you run into problems in the online services at the time of submission, please contact us before the deadline, either by phone or via [Questions and feedback](#) on our website.

Append only the requested appendices to your application and make sure not to exceed the maximum length of appendices (indicated in the guidelines).



Supplementing your application

Before the deadline expires, you can make changes in an application you have submitted to the Academy (e.g. change appendices). To do this, log in to the online services, open the application, make the necessary changes and resubmit your revised application by the set deadline. The resubmitted application will replace the earlier version.

If you have, for example, received a letter of invitation from a foreign university, or if you notice that something is lacking in your application **after the deadline has expired**, you should immediately contact the person named in the call text, who will open the application for your supplementary additions. These additions will be taken into account insofar as it is possible in view of the review, application processing and decision-making process. Do not submit your new appendices via the so-called additional information feature, as such appendices will not be saved as part of the application.

You must immediately notify us if you receive funding from other sources for the same purpose after your application to the Academy has been submitted.

Applications are public documents

Under the Finnish Act on the Openness of Government Activities (621/1999), an application and its appendices constitute a public document. Research plans, plans of intent, abstracts and progress reports are exceptions to this rule. For example, the CV is a public document and as such must not include any confidential information.

Public description of project

If a project is granted funding, we will publish a description of the project on our website. The description is written by the applicant in connection with the drafting of the application. Finnish- or Swedish-speaking applicants write their descriptions in Finnish or Swedish. All applicants must also write a description in English.

The public description is a way for the Academy and researchers to disseminate information on Academy-funded research. Consequently, it is important that the description be as clear and readable as possible – it should be accessible to a general audience. It must give the reader a brief summary of the key points of the research. Read more on our website under [Public description of project](#).

We will not edit project descriptions – it is the applicants themselves who are responsible for the content, clarity and style of the descriptions.

1.4 INFORMATION ON DECISIONS

The timetables for funding decisions are posted on our website under [Decision timetables](#). The funded projects, their public descriptions and the call-specific releases on decisions are available [here](#).

You will receive an automatic **email** message after the decision has been made. After receiving this message, you can log in to the **online services** with your user ID,



select the application on which the decision has been made and see whether the decision is favourable or not. You can also read the conditions for the decision and read the expert reviews on your application, if such reviews have been drafted.

1.5 HOW TO RECEIVE THE FUNDING

After being granted funding, you must check and accept it in the online services without delay. The system will then send a notification to the commitment issuer at the site of research. That person must also accept the granted funding, after which the system will notify the funding to the finance administration of the site of research, whereupon the funds will be available for use.

The funds can be paid only after both the applicant and the representative of the site of research have accepted them as received.



Funding open for application in April 2014

2 FUNDING FOR RESEARCH

2.1 ACADEMY RESEARCH PROGRAMMES

2.1.1 ARCTIC RESEARCH PROGRAMME, LETTERS OF INTENT

The significance of and the interest in Arctic areas have increased greatly in recent years. An important contributing factor to this has been climate change and its effects on northern regions in particular. The need for Arctic research and the significance of the efficient use of broad-based and diversified knowledge have been recorded in [Finland's Strategy for the Arctic Region 2013](#) (PDF).

A sustainable use of natural resources calls for a solid, multidisciplinary knowledge base as well as for identification and anticipation of risks. In Arctic regions, research involves a highly important societal dimension. Research knowledge is needed, among others, in support of regional planning, permit processes, legislation, economic and health issues as well as policy-making. This knowledge is needed in order to sustainably and justly be able to manage the dynamic changes taking place in the region.

At the core of the Academy of Finland's Arctic Research Programme is the aim to study and understand the change factors affecting the development of the Arctic region; the transformation process; the dynamics of change; and the various dimensions of sustainability linked to time and space in relation to the future of the Arctic region. The key questions are related to understanding economic, social, cultural and ecological change.

We welcome applications that are of a high scientific quality and ambitious, as well as interdisciplinary or multidisciplinary.

Funding is especially granted to projects that address the goals of the research programme:

- to produce new research knowledge on the multidimensional change processes in the Arctic region and the factors affecting these
- to strengthen high-quality, transdisciplinary and problem-based Arctic research in Finland in the long term
- to disseminate new research knowledge to support decision-makers and stakeholders and for public discussion
- to collect scattered strategic research capacity, special expertise and data materials to be used for multidisciplinary Arctic research
- to promote interdisciplinary cooperation in the field of Arctic research
- to boost international networking of Finnish Arctic research, thus also promoting the chances of researchers to put research infrastructures to efficient use
- to reinforce Finland's status as an internationally leading expert in Arctic issues
- to use and compile research data to respond to the identified grand challenges.



The research programme consists of four thematic areas, which are interconnected and nonexclusive:

- good-quality life in the north
- economic activity and infrastructure in Arctic conditions
- the northern climate and environment
- cross-border Arctic policy.

The contents and goals of the programme are described in more detail in the [programme memorandum](#).

Applicant

Funding can be applied for by individual research projects and consortia composed of two or several research teams.

Funding

The research programme will provide research projects with funding for four years, starting on 1 January 2015. Additional calls may be opened at a later stage.

The Academy's funding for the four-year programme totals EUR 11 million.

Programme memorandum

The programme memorandum contains more detailed information on the programme's background, aims, thematic areas and evaluation criteria. The memorandum is available on our website at www.aka.fi/arktiko > In English. You are advised to carefully read the memorandum in order to submit a competitive application.

How to apply

The call has two stages. The non-negotiable deadline for letters of intent is **29 April 2014 at 16.15**. Draft your application in the Academy's [online services](#). Select *Open calls* > **Arctic 2014, letters of intent**. In this first stage, only fill in the online application and the appendices.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

Based on the plans of intent, the Academy will decide which projects will proceed to the second stage. The decision will be made in June 2014. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 15 September 2014 at 16.15. The deadline is non-negotiable.

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). At the first stage (letters of intent), only the consortium PI submits an application; at the second stage (full applications), the applications of all subprojects of the consortium must be submitted by the deadline. The consortium



application will be processed only if the applications of all subprojects have been submitted by the deadline for full applications. The composition of the consortium cannot be changed after the deadline for letters of intent.

Appendices

See Appendix 1 B of the call for applications (April 2014), Appendices to letter of intent.

More information

- Programme Manager Tuula Aarnio (Programme Unit), tel. +358 295 335 146
- Programme Manager Mikko Ylikangas (Programme Unit), tel. +358 295 335 143
- www.aka.fi/arktiko > In English

2.1.2 NEW ENERGY RESEARCH PROGRAMME, LETTERS OF INTENT

The Academy of Finland's research programme New Energy will involve a search for solutions for managing the coming major transition in the energy sector.

The research programme has been divided into three key themes:

- consumers' energy choices
- adaptation of energy production and consumption
- integrated energy solutions.

Under the programme, scientific methods will be used to:

- resolve complex issues related to the great energy transition
- create new energy products, business models, process principles, types of energy, storage, transmission and distribution mechanisms, and solutions for managing complex grids
- integrate energy research in new ways with habitation, transport, commerce, recycling and the exploitation of biomass.

Funding is especially granted to projects that address the goals of the research programme:

- to create new national and international research collaboration networks and establish multidisciplinary research groups
- to increase the mobility of doctoral students and researchers
- to improve Finland's international research and industrial competitiveness
- to take Finnish energy research to the international leading edge
- to generate social impact.

The contents and goals of the programme are described in more detail in the [programme memorandum](#) (PDF).



Applicant

Funding can be applied for by individual research projects and consortia composed of two or several research teams.

Funding

The research programme will provide research projects with funding for four years, usually starting on 1 January 2015. Additional calls may be opened at a later stage.

The Academy's funding for the four-year programme totals some EUR 10 million.

Programme memorandum

The programme memorandum contains more detailed information on the programme's background, aims, thematic areas and evaluation criteria. The memorandum is available on our website at www.aka.fi/energia > In English. You are advised to carefully read the memorandum in order to submit a competitive application.

Appendices

See Appendix 1 B of the call for applications (April 2014), Appendices to letter of intent.

How to apply

The call has two stages. The non-negotiable deadline for letters of intent is **29 April 2014 at 16.15**. Draft your application in the Academy's [online services](#). Select *Open calls* > **New Energy, letters of intent**. In this first stage, only fill in the online application and the appendices.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

Based on the plans of intent, the Academy will decide which projects will proceed to the second stage. The decision will be made in June 2014. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 15 September 2014 at 16.15. The deadline is non-negotiable.

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). At the first stage (letters of intent), only the consortium PI submits an application; at the second stage (full applications), the applications of all subprojects of the consortium must be submitted by the deadline. The consortium application will be processed only if the applications of all subprojects have been submitted by the deadline for full applications. The composition of the consortium cannot be changed after the deadline for letters of intent.



More information

- Programme Manager Saila Seppo (Programme Unit), tel. +358 295 335 109
- Programme Manager Tuomas Katajarinne (Programme Unit), tel. +358 295 335 067
- www.aka.fi/energia > In English

2.1.3 JOINT PROJECTS WITHIN THE NEW ENERGY RESEARCH PROGRAMME: ENERGY RESEARCH (ACADEMY OF FINLAND AND DST, INDIA)

The Academy of Finland and the Department of Science and Technology (DST) of India have decided to launch a call for joint projects with a view to promoting Finnish-Indian research collaboration in the field of energy research. The applications must involve one of the following research themes:

- solar energy
- wind energy
- ocean thermal energy
- hybrid and off-grid systems.

The aim is to support long-term and systematic research collaboration with a view to promoting the creation and strengthening of research networks between Finland and India. Applications must involve research teams from both countries.

The projects to be carried out in Finland will be funded by the Academy and those to be carried out in India by the DST. Both funding agencies will fund only research that is carried out in their own country. The projects will be merged as part of the Academy's research programme New Energy.

Funding

The funding is granted for a maximum of three years, starting on 1 January 2015.

Review of applications

The Academy and the DST will review the applications in line with their own practices and jointly decide on the projects to be funded.

The key review criteria:

- scientific quality and innovativeness of the joint research plan
- added value generated by the Finnish-Indian research collaboration

Other criteria:

- feasibility of the joint research plan
- competence and expertise of the Finnish and Indian researchers/research teams
- support to young researchers' careers



Joint research plan

The PIs of all subprojects of a bilateral project must submit a joint research plan to their national funding agency in line with the agency's guidelines. The costs must be justified and clearly described in the project budget. The costs of the Finnish partner must be in line with the Academy's guidelines. To ensure successful collaboration, applicants should draft a sufficient budget for researcher travels between Finland and India.

Appendices

See Appendix 1 C of the call for applications (April 2014), Appendices to application in international joint project calls. Please note that only the budget of the partner applying for funding from the Academy is included in the research plan.

How to apply

Please note the nonstandard application deadline. The non-negotiable deadline is **30 May 2014 at 16.15**. Draft your application in the Academy's [online services](#). Select *Open calls* > **Joint projects: Energy research (Academy of Finland and DST, India)**.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

The Indian partners apply for funding from the DST in line with DST guidelines.

More information

Academy of Finland:

- Programme Manager Saila Seppo (Programme Unit), tel. +358 295 335 109
- Programme Manager Tuomas Katajarinne (Programme Unit), tel. +358 295 335 067

Department of Science and Technology (DST):

- Scientist 'D' Rajiv Kumar, International Division, tel. +91 11 2659 0454/2686 2503, rajivarc@nic.in

2.2 TARGETED ACADEMY PROJECTS

Targeted Academy Projects are like normal Academy Projects but with predetermined funding targets. The Academy Board or research councils may decide to direct funding to specific areas, considering objectives such as strengthening a particular discipline (e.g. as a result of a discipline or research field assessment),



securing funding for breakthrough research, promoting the internationalisation of research or supporting Strategic Centres for Science, Technology and Innovation.

The funding can be targeted to, for example, international calls for joint projects (based on international agreements), ERA-NET calls and any other research field, problem, method development or networking that is deemed important.

The conditions and restrictions on Academy Projects also apply to targeted Academy Projects. However, participation in a targeted call does not inhibit the submission of a simultaneous application to another call, provided that the research plans are different. The call for applications may include guidelines differing from this main rule.

2.2.1 SOCIETAL SECURITY

The Academy of Finland's Research Council for Culture and Society has decided to provide targeted funding to research on societal security. The funding will be provided under the Academy's funding scheme Academy Projects. Based on this targeted call, funding will be granted to high-quality research in the social sciences and humanities with a focus on a broad definition of societal security. This includes especially the challenges, phenomena and developments of societal security that play a crucial role in securing and developing an open society, good administration and a participatory democracy.

The Research Council for Culture and Society arranged an exploratory workshop on societal security on 7 February 2014. More information about the workshop is available (in Finnish) [on our website](#).

Funding

The funding period starts on 1 January 2015. As a rule, the funding is granted for four years. The Research Council is prepared to fund a maximum of six projects.

Appendices

See Appendix 1 A of the call for applications (April 2014), Appendices to application.

How to apply

The non-negotiable deadline is **29 April 2014 at 16.15**. Draft your application in the Academy's [online services](#). Select *Open calls* > **Societal security**.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

More information

- Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 295 335 013



2.2.2 ICT 2023 PROGRAMME, SECOND THEMATIC CALL: ICT SENSORS AND ACTUATORS

The Academy of Finland and Tekes, the Finnish Funding Agency for Innovation, are committed to implementing **the research, development and innovation programme ICT 2023**. According to the Finnish Government's 2014 budget proposal, at least EUR 10 million of the Academy's budget authority for 2014 will be used to implement the ICT 2023 programme.

According to the Report of the ICT 2015 Working Group (*Paths to a Frictionless Finland*), the aim of the ICT 2023 programme is to improve Finland's scientific expertise in computer science and digital content development. The programme brings together universities, research institutes, business companies and funding bodies.

The first thematic call within the ICT 2023 programme was opened in December 2013. The theme of this second call is ICT sensors and actuators. The Academy and Tekes will open parallel calls simultaneously.

Besides scientific quality, the review of applications will pay special attention to:

- international cooperation
- business collaboration
- cross-sectoral mobility by leading-edge researchers
- use of universities' and research institutes' own resources to carry out research.

The content and aims of the thematic call are described in more detail in the memorandum that will be posted on our website before the call opens.

Applicant

Academy funding can be applied for by individual research projects and consortia composed of two or several research teams.

Funding

The funding is granted for two years. As a rule, the funding period starts on 1 January 2015. The Academy's funding for the second thematic call within the ICT 2023 programme is a maximum of EUR 5 million.

Memorandum

The memorandum of the thematic call contains more detailed information on the call's background, aims, thematic areas and evaluation criteria. The memorandum will be available on our website (www.aka.fi/ict2023 > In English) by the launch of the call at the latest. You are advised to carefully read the memorandum in order to submit a competitive application.



Appendices

See Appendix 1 B of the call for applications (April 2014), Appendices to letter of intent.

How to apply

The call has two stages. The non-negotiable deadline for letters of intent is **29 April 2014 at 16.15**. Draft your application in the Academy's [online services](#). Select *Open calls* > **ICT 2023: ICT sensors and actuators, letters of intent**.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

Based on the plans of intent, the Academy will decide which projects will proceed to the second stage. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 15 September 2014 at 16.15. The deadline is non-negotiable. Applicants may be invited for interviews during the review process.

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). However, **please note the nonstandard procedure**. At the first stage (letters of intent), **the applications of all subprojects of the consortium must be submitted by the deadline**. The consortium application will be processed only if the applications of all subprojects have been submitted by the deadline. The composition of the consortium cannot be changed after the deadline for letters of intent.

If the consortium also involves business companies, see detailed guidelines in the memorandum.

More information

- Senior Science Adviser Juha Latikka (Natural Sciences and Engineering Research Unit), tel. +358 295 335 058
- www.aka.fi/ict2023 > In English

2.2.3 ADVANCE INFO: WiFiUS – WIRELESS COMMUNICATION (ACADEMY OF FINLAND, TEKES AND NSF, USA), PART OF ICT 2023

The Academy of Finland, Tekes – the Finnish Funding Agency for Innovation and the US National Science Foundation (NSF) have decided to support collaboration in the field of wireless communication. The theme of the call, which is under preparation, covers novel frameworks, architectures, protocols, methodologies and tools for the design and analysis of robust and highly dependable wireless networks, including cognitive radio networks.

Some general topic areas include, but are not limited to:



-
-
- spectrum sensing and spectrum sharing
 - network security and capacity
 - coexistence of legacy and new systems
 - network architectures
 - heterogeneous network design
 - resource allocation
 - quality of service
 - energy efficiency.

Additional topics of interest include:

- interference management and alignment
- device-to-device communication
- cooperation/coordination methods among wireless clients
- configurable antennas.

The joint projects to be funded will be part of the virtual institute Wireless Innovation between Finland and US (WiFiUS). Read more at www.wifi.us.org.

According to preliminary plans, the deadline for applications submitted to the Academy of Finland is **in June 2014**. Make sure to draft the application in line with [the full cost model](#). US-based partners will submit their application according to NSF guidelines.

Please note that this information is preliminary. After the funding cooperation has been confirmed, the final application guidelines will be posted on the Academy's website.

More information

- Senior Science Adviser Juha Latikka (Natural Sciences and Engineering Research Unit), tel. +358 295 335 058
- www.aka.fi/ict2023 > In English



3 FUNDING FOR RESEARCHERS

3.1 FUNDING FOR NSF GRADUATE RESEARCH FELLOWS FOR RESEARCH IN FINLAND

Aim

The US National Science Foundation (NSF) awards Graduate Research Fellow (GRF) grants to talented US researchers working on their doctoral thesis for research spells in Finland or some other country included in the Graduate Research Opportunities Worldwide (GROW) programme. The NSF and the Academy of Finland have agreed that Graduate Research Fellows can come to work on a research team of an Academy Centre of Excellence or an Academy Professor. Funding can be applied for from the Academy for grants to be paid to Graduate Research Fellows coming to Finland.

Applicant

Grants are applied for by the Academy Professor or the Centre of Excellence receiving the Graduate Research Fellow.

Funding

The funding comes to a maximum of EUR 1,700 a month. The site of research will allocate the funding as a grant to cover the Graduate Research Fellow's accommodation and other living costs in Finland.

The funding period will start between 1 June and 1 December 2014. The grant can be awarded for a maximum of twelve months over a two-year period. The decisions will be made in May 2014.

Appendices

- invitation by the host to the Graduate Research Fellow
- curriculum vitae for the Graduate Research Fellow
- GRF research plan jointly drafted by the Graduate Research Fellow and the Finnish host

How to apply

The funding does not include any overheads. The non-negotiable deadline is **29 April 2014 at 16.15**. Draft your application in the Academy's [online services](#). Select *Open calls > NSF Graduate Research Fellow*.

More information

- Coordinator Kristiina Helansuo (Culture and Society Research Unit), tel. +358 295 335 022
- Programme Manager Tiina Jokela (Programme Unit), tel. +358 295 335 046



4 FUNDING FOR RESEARCH ENVIRONMENTS

4.1 RESEARCH INFRASTRUCTURES 2014

Aim

The Academy of Finland provides funding for the acquisition, establishment or strengthening of nationally significant research infrastructures that promote scientific research. Research infrastructures form a reserve of research facilities, equipment, materials and services. As such, they enable research and development at various stages of innovation, while supporting organised research, researcher training and teaching. They also support and develop research and innovation capacity. Research infrastructures may be single-sited, distributed or virtual infrastructures.

The aim of the Academy's research infrastructure call is to upgrade the quality and improve the renewal, competitiveness and interdisciplinary approach of Finnish research. Another aim is to increase the appeal of Finnish research environments and boost the national and international collaboration of Finnish universities, research teams and researchers. The aim is also to support researcher training and the creation and application of scientific knowledge and intellectual capital. The funding needs arising from the memberships of national and international research infrastructures (e.g. membership fees) will also be taken into account in the call.

Applicant

The applicant is a university or some other research organisation. Joint projects of several organisations must have one responsible party; the mutual responsibilities are presented in the joint project plan in connection with the application.

Funding

In this call, the Academy is prepared to fund research infrastructures with a maximum of EUR 18 million. The funding is intended to support the construction of a new research infrastructure or the significant upgrading of an existing infrastructure.

The funding is primarily allocated to investment costs (acquisition of equipment and systems and creation of services) at the construction phase and to significant upgrading of existing infrastructures. The Academy does not fund the operating costs of research infrastructures. Permanent operating expenses should mainly be covered by funding from the host organisations. Funding for salary costs is granted only in special cases, however, taking into account research-field-specific differences. The costs must be justified in the application.

After the funding decisions have been made, the responsibilities of the funding parties will be confirmed through a joint agreement between the Academy, the PI of the infrastructure, the host university or research institute and other funding parties.

The Academy's funding contribution comes to no more than 70% of the total costs of the acquisition, establishment or strengthening of an infrastructure. No advances are paid from infrastructure funding.

If applicants have ongoing Academy funding for research infrastructures, they can be granted funding for the same infrastructure activity only for very special reasons.



The funding period starts on 1 February 2015 at the earliest and ends on 31 December 2017 at the latest.

Review of applications

In its decisions on research infrastructure funding, the Academy will (in addition to its general funding criteria) take into account the following:

- national and international scientific significance and added value of the research infrastructure
- the project's links to the research strategy of the host organisation/s and the commitment by the organisation/s to the project
- links to projects that have been presented in [Finland's \(to be published in 2014\)](#) or [ESFRI's \(2010\)](#) roadmap for research infrastructures
- openness in the use of the infrastructure.

Attention will also be paid to:

- systematic and broad utilisation of the infrastructure
- quality and scope of potential user community
- technological and other advancement of the infrastructure
- economic efficiency of the infrastructure during its lifespan
- alternative national and international solutions.

Appendices

Obligatory appendices:

- [project plan for the FIRI 2014 call](#), no more than 15 pages (must also include a plan for the acquisition of equipment)
- curriculum vitae for the PI (coordinator) of the project
- list of publications by the PI (coordinator) of the project
- list of infrastructure applications prioritised by the university or research institute in this call

Case-specific appendices:

- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects must always be specified in the research plan
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations

How to apply

The deadline is **29 April 2014 at 16.15**. The deadline is non-negotiable and it also applies to consortium subprojects. Draft your application in the Academy's [online services](#). Select *Open calls* > **FIRI 2014 research infrastructure call**.



Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). The applications of all subprojects of the consortium must be submitted by the deadline. The consortium application will be processed only if the applications of all subprojects have been submitted by the deadline. The composition of the consortium cannot be changed after the deadline has expired.

More information

- Science Adviser Merja Särkioja (Programme Unit), tel. +358 295 335 111



5 ADVANCE INFORMATION ON CALLS

The Academy's next main application round is in September 2014. The call for applications (in Finnish, Swedish and English) will be posted on our website in July at the latest. Applications can be submitted in the online services between 2 September and 24 September 2014 (tentative schedule). Please note that calls within research programmes and international calls may open even before that. Applications may also be invited for other funding than indicated in this section.

The information below is tentative. For open calls, see [Apply now](#) on our website.

5.1 CALLS UNDER PREPARATION

Calls implemented by council for strategic research

As part of the Finnish Government's comprehensive reform of research institutes and research funding, the Academy of Finland will establish a strategic research council as a new funding instrument for strategic research. The amendment to the Act on the Academy of Finland, which includes provisions on the new council, is currently being drafted and expected to enter into force on 1 July 2014. The tentative information presented here is contingent on the amended legislation.

According to the Government's resolution, the strategic research council's funding will be allocated to research aimed at finding solutions to the major challenges facing Finnish society. The Government will decide, on the proposal by the council, which key research themes will be formulated into research programmes. The council will have independent decision-making power as to the programme-based structure of funded research and the funding of projects. The multi-year projects to be funded will be selected through open competition and based on scientific quality and societal relevance and impact.

According to a tentative schedule, the first call by the strategic research council will be implemented **in November 2014**. The funding decisions will be made in spring 2015.

More information

- [the strategic research council on the Academy's website](#)
- Project Manager Paavo-Petri Ahonen (Management Support Unit), tel. +358 295 335 005

Research programme: Mineral Resources and Alternative Materials

The Academy of Finland is preparing a research programme on mineral resources and alternative materials. The call for letters of intent will open **in September 2014**. Read more on our website under [Research programmes being prepared](#). An exploratory workshop for the programme will be held on 15 April 2014.

More information

- Programme Manager Tommi Laitinen, tel. +358 295 335 057



- Programme Manager Tuomas Katajarinne, tel. +358 295 335 067

Research programme: Personalised Medicine

The Academy of Finland is preparing a research programme on personalised medicine. The call will open **in September 2014**. Read more on our website under [Research programmes being prepared](#).

More information

- Programme Manager Tiina Jokela, tel. +358 295 335 046
- Programme Manager Jukka Reivinen, tel. +358 295 335 099

Joint projects: ICT and technology in medicine and health sciences (Academy of Finland, Tekes and JST, Japan)

The Academy of Finland, Tekes – the Finnish Funding Agency for Innovation and Japan Science and Technology Agency (JST) have organised two calls for joint projects under the theme ICT and technology in medicine and health sciences. The previous themes were *Application of medical ICT devices* (2012) and *Medical genomics, focus on bioinformatics* (2013). There may be a third call **in September 2014**, but the theme has not been decided yet. The joint projects to be funded can include one or several Finnish parties and one or several Japanese parties.

More information

- Science Adviser Ulla Ellmén (Programme Unit), tel. +358 295 335 011

5.2 INTERNATIONAL CALLS WITH THE ACADEMY AS FUNDING PARTNER

Baltic Sea Research and Development Programme (BONUS), Sustainable Ecosystem Services

The BONUS 2014 call, Sustainable Ecosystem Services, has opened. Read more on the programme's website at www.bonusportal.org/ses.

The call has two stages. The proposal submission deadline is **16 April 2014 at 17.00 CET**. The Academy of Finland will organise a call for Finnish consortia that are successful in the call. This Academy call, for invited applicants only, will open in August–September 2014.

More information

- Science Adviser Kyösti Lempa (Biosciences and Environment Research Unit), tel. +358 295 335 144

Joint Nordic Initiative on Arctic Research

NordForsk is preparing a joint Nordic call on Arctic research to be opened later in 2014. The Academy of Finland may participate in the funding of this call.



More information

- www.nordforsk.org/no/programs/noria-net-arctic
- Programme Manager Tuula Aarnio, tel. +358 295 335 146, and Programme Manager Mikko Ylikangas, tel. +358 295 335 143

5.3 MAJOR INTERNATIONAL CALLS

EIT Knowledge and Innovation Communities (KIC)

The European Institute of Innovation and Technology (EIT) is set to launch five new Knowledge and Innovation Communities (KIC). These communities are a means to enable collaboration between research organisations, business companies and other partners. They promote the transformation of research into innovation and ideas into products and services to help boost European competitiveness.

The themes for the two new KICs to be established in 2014 are:

- Innovation for healthy living and active ageing
- Raw materials: Sustainable exploration, extraction, processing, recycling and substitution.

The call deadline is **10 September 2014** (please check the date on the EIT website).

More information

- [EIT call on the Academy's website](#)
- eit.europa.eu
- Vice President for Research Marja Makarow, Academy of Finland, tel. +358 295 335 002
- Senior Science Adviser Juha Latikka, Academy of Finland, tel. +358 295 335 058

ERC funding for researchers

The European Research Council (ERC) will launch the following calls **in 2014**:

- ERC Starting Grants (early 2014)
- ERC Consolidator Grants (late spring)
- ERC Advanced Grants (late 2014).

ERC invites applications from all fields of research.

More information

- [ERC website](#)
- Science Adviser Maiju Gyran, Academy of Finland, tel. +358 295 335 015
- Science Adviser Hannele Lahtinen, Academy of Finland, tel. +358 295 335 055



Marie Skłodowska-Curie mobility funding

Within the EU's Horizon 2020 programme, researcher mobility is funded through Marie Skłodowska-Curie Actions (MSCA). Funding is available for:

- mainly *two-year mobility* to any country for a researcher with a doctorate or Master's degree with at least four years' full-time research experience
- *short-term international and inter-sectoral mobility*
- training opportunities for early-stage researchers usually provided by a *network* of universities, businesses and research institutes
- extra financial support to national, regional *research mobility programmes*.

More information

- [MSCA website](#) and [deadlines](#) (PDF)
- MSCA national contact point, Science Adviser Satu Huuha-Cissokho, Academy of Finland, tel. +358 295 335 075



APPENDICES

APPENDIX 1 A: APPENDICES TO APPLICATION

The appendices listed below are appended when an application concerns the following funding opportunities:

- Academy Project
- targeted Academy Project
- Academy Research Fellow or Postdoctoral Researcher
- clinical researcher
- research programmes (second application stage)
- Academy Professor (second application stage).

In the call for targeted Academy Project funding, other appendices may also be requested.

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices](#) on our website. Also make sure not to exceed the maximum length of appendices. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

1 Research posts, individual projects or project collaboration

Obligatory appendices:

- research plan, no more than twelve pages
- CV for the applicant
- list of publications by the applicant; clearly indicate the ten most important publications in terms of the research plan
- Finnish degree certificate or English-language degree certificate of a doctoral degree obtained abroad (only in the call for research posts as Academy Research Fellow and Postdoctoral Researcher)

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad
- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects must always be specified in the research plan
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations
- progress report on all Academy-funded research projects headed by the applicant that have not submitted final reports



2 Consortium application

Consortium applications can be considered only in calls for Academy Projects, targeted Academy Projects and research programmes. For detailed guidelines on how to draft consortium applications, see [Consortium application](#) on our website. The appendices, drafted in line with the guidelines, are appended only to the application of the consortium PI.

2.1 Application by consortium PI

The principal investigators of consortia apply for funding only for their own research team. The PIs append their curriculum vitae under *Personal data/CV*.

Obligatory appendices:

- research plan drafted in line with the consortium guidelines, no more than 15 pages
- curricula vitae for the PIs of the consortium subprojects
- list of publications by the consortium PI and the PIs of the consortium subprojects; in all lists, clearly indicate the ten most important publications (by each PI) in terms of the project

Case-specific appendices:

- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded research projects headed by the consortium PI and the PIs of the consortium subprojects that have not submitted final reports
- invitation by foreign university or research institute, if the research or part of it will be conducted abroad; if needed, several invitations combined as one scanned appendix
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations

2.2 Application by PI of consortium subproject

The principal investigators of all consortium subprojects apply for funding only for their own research team. No appendices are appended to the application of the subproject; the consortium PIs append them to their own application. However, the online application is completed in full.



APPENDIX 1 B: APPENDICES TO LETTER OF INTENT

The appendices listed below are appended to the application when an application is submitted for the first stage of two-stage calls:

- Academy Professor (first application stage)
- research programmes (first application stage).

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices](#) on our website. Also make sure not to exceed the maximum length of appendices. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

1 Letter of intent by Academy Professor applicant or by principal investigator of individual project in a research programme

- plan of intent, no more than four pages
- curriculum vitae for the PI
- list of publications by the PI; clearly indicate the ten most important publications in terms of the research plan

2 Letter of intent by research programme consortium

For more detailed guidelines on how to draft a consortium application, see [Consortium application](#) on our website. The letters of intent are submitted only by the consortium PIs, who append their curriculum vitae under *Personal data/CV*.

- plan of intent for the consortium, no more than six pages
- curricula vitae for the PIs of the consortium subprojects
- lists of publications by the consortium PI and the PIs of the consortium subprojects; in all lists, clearly indicate the ten most important publications (by the PIs of each subproject) in terms of the research plan



APPENDIX 1 C: APPENDICES IN INTERNATIONAL CALLS FOR JOINT PROJECTS

When an application is submitted for an international call for joint projects, the appendices listed below are appended to the application.

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices](#) on our website. Also make sure not to exceed the maximum length of appendices. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae for the Finnish PI, which is appended under *Personal data/CV*.

In certain international calls, we may also request other appendices, or the content of the requested appendices may differ from that indicated in the guidelines below. Any exceptions are mentioned in the call text under *Appendices*.

1 Application by a foreign research team and a Finnish research team

Obligatory appendices:

- research plan, no more than 15 pages, including:
 - a clear description of the proposed research and research collaboration (distribution of work and methods of implementation) and the added value to be expected from the collaboration
 - a joint budget, including separate budgets for both partners
 - a justification for the funding applied for
 - a description of any researcher training to be carried out within the project
 - a mobility plan detailing the research project's national and international mobility plans during the funding period; describing the involvement of foreign researchers in the project; and explaining other ways in which the project intends to transcend international, national, institutional and public/private sector boundaries
- curricula vitae for the Finnish applicant and the foreign partner; the curriculum vitae for the Finnish applicant is appended under *Personal data/CV*
- lists of publications by the Finnish applicant and the foreign partner; in both lists, clearly indicate the ten most important publications in terms of the research plan

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad
- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects must always be specified in the research plan
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations
- progress report on all Academy-funded projects headed by the applicant that have not submitted final reports
- any other appendices indicated in the call text under *Appendices*



2 Application by a foreign research team AND a consortium composed of two or several Finnish research teams

In international joint project calls, applicants can consider submitting a consortium application only if their research team working in Finland has close collaboration with at least one other team working in Finland, **in addition to** a foreign partner.

For detailed guidelines on how to draft consortium applications, see [Consortium application](#) on our website. The appendices, drafted in line with the guidelines, are appended only to the application of the consortium PI.

In addition, the following guidelines are also applied to **consortium applications in international calls**:

Consortium PIs also append to their application **the curriculum vitae for and the list of publications by the foreign applicant**. The foreign applicant is requested to clearly indicate the ten most important publications in terms of the research plan.

The research plan must include both a **joint cost estimate for the project** and **separate cost estimates for all partners**.



APPENDIX 2: SUPPORT TO INTERNATIONAL RESEARCHER MOBILITY 2013–2014

The Academy of Finland supports the international mobility of researchers through **mobility grants** and **mobility allowances**.

- **Mobility grants** to individual researchers can be applied for usually on the basis of a personal application. This type of funding is applied to the Academy's funding opportunity *International researcher mobility based on bilateral agreements*, which is open for application each year in the September call.

For the monthly amounts of mobility grants, see **Appendix 2 A** of the call for applications (April 2014).

Full costing is not applied to mobility grants. Depending on the call, the grants are paid either directly into the researcher's own bank account or through the finance administration of the site of research. Mobility grants are normally tax-exempt.

- **Mobility allowances** can be applied for in Academy-funded **research projects** (e.g. Academy Projects and research posts), in which the mobility is funded as part of the project's research costs.

The recommended amount and calculation of the mobility allowance depend on the duration of the spell abroad. If the uninterrupted period abroad is **no longer than six months**, see table in **Appendix 2 A**. If the period is **longer than six months**, see table in **Appendix 2 B**. The mobility allowance can be paid on a case-by-case basis as salary or a grant.

Mobility funding is applied for (irrespective of the type of funding) on the Academy's online form under *Other costs*.

APPENDIX 2 A: MOBILITY ALLOWANCE IN SHORT SPELLS ABROAD AND MOBILITY GRANT

The table below is used to determine the monthly mobility allowance for spells abroad of no longer than six months within research projects funded by the Academy of Finland. Mobility allowance is applied for as part of the project's research costs.

Mobility grants, based on the international agreements signed by the Academy of Finland and open for application in September, are also applied for in line with the table below (see section 3.4.2 of the September 2013 call for applications, *International researcher mobility based on bilateral agreements*).

COUNTRY OR REGION	Researchers not receiving any grant or salary, €/month	Researchers receiving grant or partial salary, €/month	Researchers receiving full salary, €/month
Chile	2,000	1,200–1,700	1,000–1,200 €
Germany	"	"	"
India	"	"	"
Russia (excl. Moscow)	"	"	"



South Africa	”	”	”
Taiwan	”	”	”
Belgium	2,300	1,600–2,000	1,000–1,400
Canada	”	”	”
China	”	”	”
France	”	”	”
Italy	”	”	”
Netherlands	”	”	”
Nordic countries	”	”	”
USA	”	”	”
Brazil	2,800	1,900–2,500	1,300–1,700
Japan	”	”	”
Republic of Korea	”	”	”
Russia (Moscow)	”	”	”
Switzerland	”	”	”
UK	”	”	”
Other countries	1,000–2,300	500–1,700	300–1,000

In determining the amount of the grant/allowance, the sum may be increased by:

- 15% if the researcher holds a doctorate and receives no other salary or fee
- 20% if the researcher has minor dependants
- a maximum of 20% if the local cost of living is exceptionally high and the researcher receives no other salary or fee.

We recommend that the grantee and the site of research – before the grant decision is made – consult the tax administration concerning any tax consequences possibly arising from the payment of the grant.

For more information on the taxation of grants, see the Finnish Tax Administration’s website www.vero.fi (> Syventävät vero-ohjeet > Henkilöasiakkaan tuloverotus > Ansiotulot > [Apurahat](#), in Finnish) and their [Memorandum of 27Jan 2010, New Universities Act and international situations](#) (in Finnish).

The grants awarded take into account the grant recipient’s obligation to take out pension, accident and life insurance. For more information on the grantee’s insurance, see the Farmers’ Social Insurance Institution’s website > [Grant and scholarship recipients](#).



APPENDIX 2 B: MOBILITY ALLOWANCE IN LONG SPELLS ABROAD

If the uninterrupted period abroad in Academy-funded projects (e.g. research post or Academy Project) is **longer than six months**, mobility allowance is applied for in accordance with **Appendix 2 B**.

The allowance is designed to cover the higher costs of living arising from the stay abroad. If the allowance is paid as a grant, we recommend that the site of research and the grantee consult the tax administration concerning any tax consequences possibly arising from the payment of the grant. For more information, see Appendix 2 A of the call for applications (April 2014).

When determining the amount of the allowance, the valid coefficients applicable to the EU's Marie Skłodowska-Curie Actions are considered:

Researchers with no dependants: The basis for calculation of the amount of funding is **€700 a month**, corrected with the country-specific coefficient.

Researchers with dependants: The basis for calculation of funding is **€1,000 a month**, corrected with the country-specific coefficient.

The coefficients applied in the April 2014 call are presented in Appendix 2 C of the call for applications (April 2014) and [on our website](#).

Case examples:

A researcher who has no dependants leaves for Canada for 14 months (correction coefficient 86.4).

- The amount applied for: $€700 \times 14 \text{ months} \times 86.4 / 100 = €8,467$.

A researcher who has dependants leaves for Ireland for 18 months (correction coefficient 113.5).

- The amount applied for: $€1,000 \times 18 \text{ months} \times 113.5 / 100 = €20,430$.



APPENDIX 2 C: COUNTRY-SPECIFIC CORRECTION COEFFICIENTS FOR CALCULATION OF MOBILITY ALLOWANCE

Source: EU document Work Package H2020 - 3. Marie Skłodowska-Curie Actions (MSCA) 10 Dec 2013, pp. 53–54 ([website](#)).

COUNTRY CORRECTION COEFFICIENTS (CCC)

Country code	CCC (%)	Country code	CCC (%)	Country code	CCC (%)	Country code	CCC (%)
AT	104.8	AM	89.9	GY	58.9	PY	71.9
BE	100.0	AO	114.6	HK	93.8	RU	115.5
BG	71.5	AR	58.5	HN	69.0	RW	87.3
CY	91.8	AU	105.0	HT	108.7	SA	84.8
CZ	83.8	AZ	93.0	ID	75.3	SB	93.3
DE	98.8	BB	116.6	IN	52.8	SD	65.1
DK	135.3	BD	47.2	JM	94.9	SG	102.5
EE	78.3	BF	93.8	JO	75.5	SL	85.2
EL	92.7	BJ	92.6	JP	115.9	SN	86.2
ES	97.6	BM	151.5	KE	78.1	SR	50.6
FI	116.6	BO	51.3	KG	83.1	SV	74.3
FR	111.0	BR	92.0	KH	70.5	SY	74.8
HR	97.5	BW	55.3	KR	105.2	SZ	56.8
HU	76.2	BY	65.0	KZ	100.2	TD	125.3
IE	113.5	BZ	75.3	LA	77.7	TG	88.7
IT	106.7	CA	86.4	LB	86.4	TH	65.0
LT	73.1	CD	127.6	LK	61.6	TJ	64.9
LU	100.0	CF	114.3	LR	100.1	TL	78.3
LV	75.9	CG	124.9	LS	56.7	TN	70.5
MT	89.6	CI	102.0	LY	60.0	TO	85.0
NL	104.3	CL	67.1	MA	83.5	TT	74.1
PL	76.4	CM	103.3	MG	80.0	TW	83.6
PT	89.1	CN	85.0	ML	90.4	TZ	65.2
RO	68.3	CO	76.6	MR	64.5	UA	92.3
SE	111.7	CR	76.7	MU	72.7	UG	65.7
SI	86.1	CU	83.8	MW	76.0	US	99.4
SK	82.6	CV	76.4	MX	70.4	UY	75.3
UK	120.3	DJ	93.4	MY	71.6	UZ	51.4
		DO	66.9	MZ	71.6	VE	70.0
AL	76.1	DZ	81.7	NA	68.3	VN	51.1
BA	73.6	EC	68.8	NC	128.9	VU	112.6
CH	113.1	EG	48.6	NE	87.9	WS	75.8
FO	134.1	ER	61.2	NG	92.4	XK	58.6
IL	108.7	ET	85.2	NI	57.3	YE	68.1
IS	116.6	FJ	68.1	NP	73.5	ZA	55.8
LI	110.0	GA	113.1	NZ	94.1	ZM	66.4
MD	61.1	GE	89.5	PA	57.0	ZW	47.2
ME	66.9	GH	68.2	PE	75.5		
MK	68.4	GM	67.7	PG	83.0		
NO	131.9	GN	60.4	PH	65.8		
RS	67.1	GT	78.8	PK	49.4		
TR	86.6	GW	102.7	PS	100.4		

Country codes: [ISO 3166 alpha-2](#), except for Greece (EL) and the United Kingdom (UK).


APPENDIX 2 D: GRANTS TO FOREIGN RESEARCHERS WORKING IN FINLAND 2013–2014

Short-term visits:

Grants with compensation for accommodation €80–182/day (incl. personal grant €38 and maximum compensation for accommodation €147).

Visits longer than one month, including compensation for accommodation:

Master's degree or equivalent	€1,500–1,700/month
PhD or equivalent	€1,700–2,400/month
Professor	€2,400–4,000/month

A particularly outstanding visiting professor may be awarded a larger grant than indicated above.

Grants can be awarded to non-EU citizens for a maximum of twelve months' research spell in Finland. Grants are not paid to EU citizens. While working in Finland, EU citizens must have an employment relationship.

The grants awarded take into account the grant recipient's obligation to take out pension, accident and life insurance. For more information on the grantees' insurance, see the Farmers' Social Insurance Institution's website > [Grant and scholarship recipients](#).

We recommend that the grantee and the site of research consult the tax administration concerning any tax consequences possibly arising from the payment of the grant.



About this call for applications

This call for applications is based on a document on the criteria for research funding decisions, annually approved by the Board of the Academy of Finland. The calls that will open in April 2014 come under the document approved on 24 September 2013. The document (Criteria for research funding decisions 2013–2014) is [available on our website](#) (in Finnish).

The call for applications is prepared by a working group responsible for communication on the Academy's calls. Marja Makarow, Vice President for Research, approved this call for applications on 12 February 2014.

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