FWF Austrian Science Fund

In accordance with its <u>Funding Guidelines</u> dated January 1, 2022 (as amended), the FWF has issued the following Application Guidelines for

Research Groups: Pre-Proposals

Vienna, April 14, 2023, version 1

Discovering what matters.



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1 General Information

1.1 Program objective

Research Group funding is mainly intended to support joint multidisciplinary or interdisciplinary projects conducted by outstanding researchers. The medium-term research collaborations focus on complex topics in teams of researchers at Austrian research institutions.

1.2 Definition of terms

Explanations of the terms used in the Application Guidelines can be found in the <u>Definition of</u> terms (PROFI mode).

Term	Definition
Consortium	Group of subproject heads who jointly design and implement the Research Group
Subproject head (consortium member)	The 3–5 researchers conducting the project, including the coordinator, who together form the consortium
	These should be established researchers and/or junior scientists with at least two but no more than eight years of national and/or international postdoctoral research experience or experience in conducting their own research (e.g. an FWF project).
	Each researcher must lead exactly <i>one</i> research subproject; project leadership cannot be shared.
Subproject, research	Research unit in the Research Group, which is described and budgeted by the individual subproject head and can only be implemented in association with the other research subprojects of the Research Group; One subproject head must be assigned to each subproject.
Coordinator	Aside from the general definition (see <u>Definition of terms</u>), the Research Group coordinator must also lead both a research subproject and the Research Group coordination project.
Coordination project	In addition to the research subprojects, the Research Group also includes one administrative subproject, called the coordination project. This subproject is for the administration of project-

In addition, some terms specific to Research Groups are explained below:



Term	Definition
	specific travel expenses and other resources necessary for the coordination of the project and is headed by the coordinator.
Statutes	Agreement between the subproject heads Statutes must be drawn up during the second stage, i.e. the full- proposal stage; they specify the tasks and responsibilities of the coordinator, regulate the cooperation between the subproject heads, and describe the decision-making processes.

1.3 Deadlines

The deadline for submission (i.e. approval of the application for submission by the research institution) is **October 2, 2023 (2:00 pm local time, Vienna/Austria).** All proposals must be submitted online using the <u>elane</u> digital application portal. Project funding is administered through the research institutions (<u>PROFI mode</u>), this means the application must be approved for submission by both the coordinator and the applying research institution (= lead research institution).¹ All forms required for the application must be completed online; other required documents such as the project description incl. annexes and any additional documents must be uploaded in full before the application can be approved for submission by the research institution. For additional information, please see the <u>elane user manual</u>.

1.4 Who is eligible to apply?

All Austrian **research institutions**² are eligible to apply. The intended project must be carried out in Austria or under the auspices of the applying Austrian research institution. The application is submitted by the research institution where the coordinator works. The research institution appoints the coordinator to carry out the project.

The research question addressed by the Research Group is to be explored more deeply or newly consolidated at Austrian research institutions. The research team working on this question will be concentrated at one location or link several subproject heads at different locations throughout Austria.

The consortium for which funding is requested must consist of **three (min.) to five (max.) researchers**, each leading a research subproject. One-third of the consortium members should belong to the underrepresented gender. The composition of the consortium is one of the deciding factors in the review and evaluation process. Consortium members should be

¹ Approval for submission by the research institution may be waived by the research institution.

² Research institutions must be <u>registered</u> in the FWF's research institution portal. [LINK ENGLISH]



internationally outstanding researchers and/or junior researchers from all academic disciplines, especially from the humanities, social sciences, and cultural studies.

Subproject heads must, however, have appropriate academic qualifications (see <u>section 1.6</u>) and sufficient time resources to carry out a subproject as part of the proposed research. The research institution must provide the necessary infrastructure.

Subproject heads are generally employed at Austrian research institutions and are either funded by the research institution or financed by the project as part of their own position (see <u>section 2.3.1.1</u>). If they are employed part-time at the start of the project, it is possible to increase their employment to full-time as part of the project. All research institutions that employ subproject heads must be listed as either the lead research institution(s) or partner research institution(s) on the title page of the application.

In addition, it is possible for an international researcher who works abroad but is also employed to an extent of at least 25% at an Austrian research institution to act as a subproject head.³

One researcher from the consortium acts as the coordinator. The researchers (including the coordinator) act as subproject heads.

1.4.1 Can multiple applications be submitted simultaneously?

There is no limit to the number of applications that can be submitted by a research institution.

Each subproject head may only participate in *one* Research Group. If a researcher is already acting as a subproject head of a Research Group project, they may not participate in a further Research Group pre-proposal. This applies to both the application and the implementation phases of a project.

Please note that for **subproject heads**, the number of ongoing/approved projects in the Principal Investigator Projects, International, Clinical Research, and Arts-Based Research programs is limited to a maximum of three projects. For further information on restrictions concerning the permissible number of applications and ongoing projects, please see <u>Restriction on the number of projects</u>. It is not possible to apply for funding from the Erwin Schrödinger program while acting as a subproject head in a Research Group.

³ Potential applicants are considered eligible if, at the time of submission of the pre-proposal, they have a genuine employment contract (extent of employment: at least 25%) which is not funded by the FWF and which is guaranteed for the planned duration of the project. Before submitting an application, researchers are required to submit evidence of employment and a brief description of the project, including a plan for its execution, information on the researcher's presence on site, rules of representation, etc., for approval by the FWF.



1.5 What types of projects can be funded?

Applications can be submitted for funding for a **joint multidisciplinary or interdisciplinary**⁴ **project** intended to generate scientific/scholarly findings. The project is limited in duration to a period of 60 months.

All Research Groups should pursue scientific/scholarly goals that in most cases go beyond established disciplinary boundaries, requiring collaboration between multiple researchers with different specializations. Owing to the multidisciplinary or interdisciplinary nature of the research questions involved, these projects can only be worked on jointly from different perspectives, leading them to open up new and unorthodox fields of research. Research Groups establish research on an innovative topic in Austria for the first time or expand or supplement existing key research focuses at research institutions.

Aspects of a Research Group project that go beyond the realm of science and scholarship may be mentioned in the pre-proposal, but they will not impact the funding decision.

1.6 What are the requirements for subproject heads?

1.6.1 General requirements

The publication records over the last five years of all subproject heads must be internationally visible and commensurate with the expected career path in their field. The following criteria apply for the assessment of an applicant's publication record and initiation of the review process:

Quality assurance: Most relevant in assessing the applicant's publication record are
those publications that have been subject to a quality assurance procedure in line with
international standards (peer review or an equivalent procedure; in the natural and life
sciences, peer review is expected). Journals must usually be listed in Web of Science,
Scopus, or the Directory of Open Access Journals (DOAJ). For journals not listed in those
databases, or for monographs, edited volumes, contributions to edited volumes, or other
publication types, the subproject head must provide a link to the publisher's website which
contains a description of the applicable quality assurance procedure. Should no such
description be available, the subproject head is responsible for providing evidence that the
publication has been subject to a quality assurance procedure in accordance with the
standards of the field.

⁴ "Interdisciplinary" refers to an integration-oriented collaboration between researchers from at least two disciplines, working towards common goals and outcomes, in which disciplinary perspectives are combined into an overall view. For further information, please see the <u>Supplementary information on Special Research Area pre-proposals</u>.



- **International visibility:** Most of the subproject head's publications must have a wider than national reach. In the natural sciences, life sciences, and social sciences, most of the publications listed must be in English.
- Number/scope and quality of the publications must be commensurate with the researcher's expected career path and the respective discipline. At least two publications must be quality-assured and internationally visible publications with a substantial and independent contribution on the part of the subproject head. At least one publication with first, last, or corresponding authorship is required, with the exception of publications in journals (or disciplines) that rank authors alphabetically. If any such publications are included in the required document *PI_publication.pdf* (see section 2.2.4), the subproject head's contribution must be specified.

If there is any uncertainty about general application requirements or about accounting for career interruptions (see <u>sections 1.6.3</u> and <u>1.6.4</u>), the FWF recommends that subproject heads contact the FWF Office or the <u>FWF Equal Opportunities in Research Funding office</u> in good time before submitting the application to confirm that all requirements are met and that any career interruptions can be accounted for. In cases of doubt, the appropriate decision-making bodies of the FWF shall decide on applicants' eligibility.

1.6.2 Equal opportunities, diversity, and inclusion

The <u>FWF Strategy for Gender Equality and Diversity of Researchers</u> applies. This means that breaks or delays in subproject heads' research careers that have led to publication gaps, unorthodox career paths, or limited international research experience can be taken into consideration. For further details on accounting for career breaks, please refer to the <u>information sheet on career interruptions</u>.

1.6.3 Consideration of career breaks

The FWF will take justified, documentable career breaks (e.g. due to pregnancy, childcare,⁵ caregiving obligations,⁶ military or civilian service, flight, and asylum) into consideration when assessing eligibility to apply.

1.6.4 Inclusion of the disabled and chronically ill

The FWF will also take any exceptions to and interruptions of typical career paths due to disability and/or long-term illness into consideration when determining whether an applicant meets the application requirements.

⁵ Childcare includes parental leave periods, if applicable.

⁶ Immediate family members and/or persons living in the same household: Spouses, registered partners, parents, children, adopted, step, and foster children, siblings, parents-in-law, and children-in-law.



1.6.5 Data protection notice

When assessing eligibility, all personal data provided to the FWF by a subproject head on a voluntary basis that relates to the information provided in <u>sections 1.6.3</u> and <u>1.6.4</u> shall be taken into consideration exclusively to their benefit (compensation of disadvantages). Relevant information (without sensitive or personal data) can be included in an individual's academic CV, making it available to the reviewers. A general explanation, including the duration of the interruption or delay, is sufficient. Please use the appropriate form for this purpose and give your explicit consent to data processing on the last page. If you wish to submit further supporting documents in addition to those listed in the form, please submit them directly to the FWF office. These will not be visible to your research institution. This information is only used to check the application requirements and is not made available to reviewers.

1.7 What types of funding can be requested?

Project-specific costs are eligible for funding. These include personnel and non-personnel costs that are necessary for carrying out the project (max. €1,500,000 for five years incl. 5% general project costs; benchmark: €300,000.00 per year) and that go beyond the resources provided by the infrastructure of the research institution. The FWF does not finance the infrastructure or basic equipment of research institutions.

For information on applying for personnel costs for the subproject head's own salary, please see <u>section 2.3.1.1</u>.

Please note that exaggerated cost projections may be grounds for rejection, even if a proposal is otherwise excellent.

Multiple funding is not permitted (see <u>FWF Funding Guidelines</u>).

2 Application

2.1 Sections of the application

A complete application must include the following sections:

2.1.1 Academic abstract

The academic abstract must be written in English, may not exceed 3,000 characters (including spaces, no formulas or special characters), and is used to inform potential reviewers about the project. The abstract must use the English headings provided below.



- Wider research context / theoretical framework
- Hypotheses / research questions / objectives
- Approach / methods
- Level of originality / innovation
- Added value
- Primary researchers involved

Where alternatives are indicated between slashes, please select the alternative that applies to your project.

2.1.2 Project description

- Title page: Project title, lead research institution (address and head), name and institution address of the coordinator, list of collaborating research institution(s) (address and head), including details of the subproject heads employed there (name and institution address)
- Table of contents
- Project description:
 - max. 25 pages for projects with five subproject heads
 - max. 24 pages for projects with four subproject heads
 - max. 23 pages for projects with three subproject heads

(consecutively numbered, not including the title page and table of contents), including where applicable a list of abbreviations, headings, figures, captions, tables, footnotes, etc.

The following contents are expected:

- Description of the innovative multidisciplinary or interdisciplinary research proposal (max. 14 pages)
- Quality and composition of the consortium (team description on max. 3 pages, individual descriptions per researcher max. 1 page)
- Wider impact (max. 1 page)
- Organization and financing of the Research Group (max. 2 pages)

The project description must also include the following annexes on additional pages:

- Annex 1: List of literature cited in the application (*References*) on no more than 5 pages
- Annex 2: Information on the lead research institution and any partner research institutions and a plausible justification of the funding requested for the coordination project and each research subproject



- Annex 3: Academic CVs and descriptions of previous research achievements for all subproject heads involved in the proposal and for project staff to be financed by the project at postdoc level and higher (max. 3 pages per person)
- Annex 4 (optional): Collaboration letters from national and international cooperation partners (max. 1 page per letter)

The project description, including these annexes, must be uploaded as a single file titled *Proposal.pdf*. The FWF will send this document to the reviewers.

2.1.3 Additional documents

- Required:
 - Two publications written by each subproject head must be named, documenting that they fulfill the general requirements to act as subproject head (publication record, see section 1.6.1)
 - Publication lists for internal FWF use to assess the principal investigator's eligibility to apply and to check for conflicts of interest with potential reviewers.
- Where applicable:
 - Only for junior researchers (with at least two to max. eight years of research experience): PDF scan of the doctoral certificate and proof of two years postdoctoral research experience
 - Additional documents in the case of resubmission: If the application is a revised version of a previously rejected application (see <u>section 2.4</u>), a response to the reviews and an overview of all changes made in the resubmitted application must be uploaded.
 - List of max. three researchers (optional) including, if applicable, reviewers of a
 rejected proposal who subproject heads request to be excluded from the review
 process (see section 3.2), with a brief justification
 - Cover letter accompanying the application (optional)

Any additional documents (e.g., recommendations for potential reviewers, letters of recommendation, forthcoming publications) will not be considered in further stages of the application process.



2.1.4 Forms to be completed

- Required: *Research institution* form, *Application* form, *Contact* form, *Program-specific data* form for each subproject head, *Cost breakdown* form, *Academic abstract* form, and *Co-authors* form
- Where applicable: Other collaborations form

2.2 Application content and form

2.2.1 Application language

To allow applications to be reviewed by international experts, all applications must be submitted in English **without exception**.

2.2.2 Project description: Scope and formatting requirements

The continuous text in the project description, Annexes 1–3, the publication lists, and the additional documents specified in <u>section 2.1.3</u> where applicable, must be written, without exception, in 11 pt. font with 1.5 line (15-20 pt.) spacing and at least 2 cm margins. Applicants must comply strictly with all upper limits specified (e.g., no. pf pages, etc.). A standard, easily legible font must be used for the body text. The form requirements (font type and size, line spacing, and margins) of the project description also apply for the additional documents, except for documents not prepared by the subproject head, such as collaboration letters.

Citations in the text and the list of works cited (*References*) in the application must be in line with the conventions of the respective discipline, preferably according to a widely used style guide (e.g., Chicago Manual of Style, APA Publication Manual). Researchers are free to choose the citation conventions or style guide they prefer, but they must apply them consistently throughout the application. If available, a <u>DOI address</u> (DOI = Digital Object Identifier) or another <u>persistent identifier</u> should be provided for the literature cited.

2.2.3 Project description and annexes

The project description must be based on the aspects indicated in <u>sections 2.2.3.1</u> to <u>2.2.3.4</u>. Annexes must be attached as described in <u>section 2.2.3.5</u>.

2.2.3.1 Proposed research

(no more than 14 pages)

• Current state of research the Research Group plans to build on



- Innovative,⁷ multidisciplinary or interdisciplinary⁸ research approaches in the proposal
- Outline of the Research Group's common goals and research questions; if taking an interdisciplinary research approach, this should include descriptions of:
 - The common language (coherent and consistent terminology)
 - The research areas to be investigated
 - Relevant research challenges
 - The merging of the various disciplinary theories to be combined into a common theoretical approach
 - Shared methodologies used
 - How a synthesis will be formed common language, theoretical basis, individual contributions
- Concise presentation of the innovative and cutting-edge nature of the research topic and the significance of the research findings to the international scientific community; the most important national and international cooperation arrangements are to be mentioned; the individuals involved should be named, as well as the subject of the intended cooperation arrangement(s), and how they contribute to the project. All of the national and/or international cooperation arrangements that were stated as essential in the project description should be listed on the *Other collaborations* form and may be confirmed by a collaboration letter.
- Description of the thematic coherence and the expected innovation value through the collaboration in the Research Group
- Any potential sex-specific and gender-related aspects⁹ of the proposal must be detailed. To what extent are sex-specific and gender-related aspects considered in the proposal? How will they be integrated into the research approach? These questions must be briefly addressed, even if the researchers do not feel that the project involves any such aspects.
- All potential ethical, safety-related, or regulatory aspects¹⁰ of the proposal and how applicants plan to deal with them must be described in a separate section. Grounds must be provided for why the researchers believe the project does not raise any such issues, if this is the case.

⁷ Questions for reviewers: How does the proposal advance frontier research and unconventional scientific approaches? Does the proposed project have the potential to question and/or change existing paradigms in the fields involved or beyond?

⁸ "Interdisciplinary" refers to an integration-oriented collaboration between researchers from at least two disciplines, working towards common goals and outcomes, in which disciplinary perspectives are combined into an overall view.

⁹ Positioning and thoughts on the research approaches in the planned for the project in terms of sex-specific and gender-related aspects could include: Is the research approach likely to result in any sex-specific and gender-related findings? If so, what findings? How and where are these integrated into the research approach? (For information on determining the relevance of sex-specific and gender-related issues please see the <u>FWF website</u>.)

¹⁰ For instance, the European Commission's <u>Ethics for Researchers</u> or <u>The European Code of Conduct for Research Integrity</u> can serve as a guide here.



2.2.3.2 Quality and composition of the consortium

- On the consortium (team presentation on max. 3 pages):
 - Cooperation and communication structure within the team
 - Team structure, including the percentage of junior researchers
 - Percentage of women
 - Internationalization strategy to connect with the international research community
 - The situation of junior researchers¹¹ at the research institution(s)
- For each subproject head (individual description per person on max. 1 page):
 - Qualifications
 - Expertise and research potential
 - · Experience with multi- or interdisciplinary projects
 - Available capacity and academic vision
 - International collaboration(s)

2.2.3.3 Wider impact

(max. 1 page)

Dissemination strategies and science communication: Please list planned publications and conference participations as well as visibility strategies for the Research Group in the international scientific community, including a suitable open-access policy (see <u>Open-Access</u> <u>Policy</u>); also strategies to increase the program's visibility to the Austrian public.

2.2.3.4 Organization and financing structure

(no more than 2 pages)

- Overview table showing the total costs requested, broken down into the categories personnel, equipment, supplies, travel expenses, and other costs
- Outline of the Research Group's internal communication, cooperation, and information structures in order to define the decision-making process on financial and personnel matters
- Description of the gender-appropriate working environment as well as a description of measures for ensuring an appropriate work-life balance¹²

Once the pre-proposal has been approved, the full proposal (i.e., the second stage of the procedure) must include information on conditions for women and junior researchers. Ideally, these are provided by the research institution and contain the following points: Number of women and of junior researchers, objectives for the advancement of women, objectives for the advancement of junior researchers at the research institution(s); including sources and references to relevant documentation

¹² If the pre-proposal is approved, detailed descriptions of the planned measures must be submitted with the full proposal. Further explanations on the costs that can be requested in the amount of €20,000 per year will be given during Proposers' Day if the applicants are invited to submit a full proposal.



As part of the full proposal, it will be necessary to draw up statutes regulating the internal cooperation between the subproject heads; these statutes must be brought to the attention of the lead research institution and the partner research institution(s).

2.2.3.5 Annexes to the project description

Annexes are not included in the maximum page limit for the project description and must be attached to the project description in the specified order.

Annex 1: List of literature cited in the application (*References*) on no more than 5 pages

Annex 2: Financial aspects

The template for the description of projected costs can be found in Appendix A.

- Information on the lead research institution for the coordination project and lead or partner research institution for the individual research subproject:
 - Existing project participants (not financed by FWF project funds) (usually the subproject head and project staff at the research institutions)
 - Available infrastructure
- Details of the funding requested for the coordination project and each research subproject:
 - Brief explanation of why the project staff requested is needed (type(s) of requested position(s), job descriptions, extent of employment, and duration of involvement in the project)
 - Concise justifications for non-personnel costs (equipment, materials, travel expenses, and other costs); if funding for equipment is requested, applicants must explain why this does not constitute part of the basic equipment of the given research environment (see also <u>section 2.3.2</u>).

Annex 3: CVs and description of previous research achievements

The academic abstracts and research achievements (for all subproject heads and any postdocs to be funded from the project) must be described on max. three pages per person using the guidelines, structure, and English headings provided below.

Required contents for academic CVs

• *Personal data*: Personal data (name, researcher unique identifier(s) such as ORCID, research ID, etc., no photos), address of research institution, and relevant websites Please also provide a publicly accessible link to a list of all the researcher's publications



- Education: List of academic milestones
- *Position(s)*: List of research relevant positions (with the extent of employment in the case of part-time employment)
- Career breaks: List of career breaks or delays (see also sections 1.6.3 and 1.6.4)
- Net research experience (optional for CVs of subproject heads, postdocs): The length of time (in years and months) that has actually been used in net total for research calculated in such a way as to be equivalent to full-time employment and broken down into the time before and after completion of the individual's doctoral degree. This is intended to make it easier for the reviewers to assess qualifications in term of academic age.
- *Research interests:* Description of the main areas of research and the most important research results achieved to date
- Academic publications: List of no more than ten of the most important published or accepted academic publications (journal articles, monographs, edited volumes, contributions to edited volumes, proceedings, etc.); for each publication, either a <u>DOI</u> <u>address</u> or another <u>persistent identifier</u> must be indicated, if available. Pursuant to the <u>Agreement on Reforming Research Assessment</u>, journal-based metrics such as journal impact factors, Article Influence Scores, or the h-index should not be included.
- Additional research achievements: List of no more than ten of the most important research achievements apart from academic publications, including achievements such as freely accessible research data including software and codes, awards, contributions to conferences, keynote lectures, significant research projects, peer review activities, promotion of junior researchers, exhibitions, interactions with society (including citizen science or transdisciplinary activities), science communication, knowledge transfer, licenses, or patents; if available, a persistent identifier or link to the research achievement must be provided. If available, a persistent identifier or link to the research achievement must be provided.

Annex 4 (optional): Collaboration letters

Collaboration letters (max. one page each) from national and international collaboration partners who are named in the project description as being essential for the implementation of the project and whose role is plausibly described; Subproject heads are not collaboration partners

2.2.4 Required additional documents

The following two separate uploads are required:



- *PI-publication.pdf*: Two publications written by each subproject head must be named, documenting that they fulfill the general requirements to apply (see <u>Template publication</u> <u>output</u>). The FWF will determine eligibility to apply based on these publications.
- *Publication_list.pdf:* List of all academic publications published in the last five years¹³ (categorized into "quality-assured publications" and "other publications") for all subproject heads and postdocs to be funded by the project, in *one* PDF document; this publication list helps the FWF to determine if there are any potential conflicts of interest with reviewers. It will not be forwarded to the reviewers.

2.3 Eligible project-specific costs

When requesting funding, the regulations of the respective research institution and the FWF guidelines apply. The requested funds must be summarized in the elane *Cost breakdown* form.

Funding may only be requested for the cost categories listed below.

2.3.1 Personnel costs

Funding may only be requested for staff needed in addition to existing personnel resources for the realization of the project and only to the extent required for the project.

Full- or part-time employment contracts (*Dienstverträge*, DV) and contracts for marginal employment (*geringfügige Beschäftigung*, GB) are available for project staff. The <u>FWF's</u> standard personnel costs apply.

Employment contracts for doctoral students may not exceed 75% employment (up to 30 hours per week). A part-time (50%) employment contract of 20 hours/week for student employees may be requested for researchers who have not yet completed a graduate degree program in the relevant subject area. A full-time position for a project administrator (postdoctoral rate) may be requested to support the coordinator.

When requesting funding for <u>PROFI</u> (project funding via research institutions)-eligible standard personnel costs, a fixed percentual increase must be included for the subsequent year to compensate for wage raises (see <u>Standard personnel costs and salaries for PROFI</u> projects 2023).

¹³ Publication lists must include: all authors, complete titles, journal, year, and page numbers. For each publication, if available, either a <u>DOI address</u> or another <u>persistent identifier</u> should be indicated; for publications with more than 20 authors, an "et al." citation can be used.



2.3.1.1 Grant-salaried researchers

The FWF understands "grant-salaried" to mean that the subproject head's salary is financed by the funds of the research project.

Applying for funding (including partial funding) of one's own position is possible for every subproject head, regardless of whether they are employed on a temporary or permanent basis at the time of application. The senior postdoc salary rate¹⁴ applies for the subproject head's own position (pro-rated accordingly in the case of partial funding).

Women subproject heads whose own position is funded to the extent of at least 50% have the additional option of applying for up to \in 2,000 per year in the category of "Other costs" for personal coaching and further training measures that directly contribute to the researcher's career development. Coaching is understood to mean person-centered counselling and support processes in a professional context. Continuing education activities eligible for funding include courses on scientific – in particular, subject-specific – skills (e.g., courses on methodological skills) and personnel development measures such as those offered at some research institutions (e.g., in teaching, academic writing, writing funding applications, especially in English, personnel management and project management, conflict- and problem-solving skills, academic organization, and vocational training and other seminars directly related to career development, e.g., programs for the advancement of women).

2.3.2 Equipment costs

Funding for equipment may only be requested if it is specifically required for the project and if it is not part of the existing infrastructure of the participating research institutions. "Infrastructure" is defined to include all equipment (and components thereof) that a modern research institution needs to conduct basic research in the relevant discipline at an internationally competitive level. This means that equipment such as computers (laptops, etc.) is considered to be part of the standard infrastructure and no funding will be approved for these items.

Equipment eligible for funding includes:

- Scientific instruments
- System components
- Self-constructed devices (generally assembled from smaller pieces of equipment and materials)
- Other durable goods
- Intangible assets such as concessions, industrial property rights, and licenses derived from such rights

¹⁴ The senior postdoc rate can only be requested to fund the subproject head's own position; the postdoc salary rate applies for project staff members at the postdoc level.



Equipment with an acquisition value in excess of €250,000 can only be financed through depreciation. Only the percentage of costs that are incurred during the project period can be requested and financed. The depreciation rules of the research institution acquiring the equipment apply.

If funding is requested for a piece of equipment which is required specifically for the project, the lead research institution must submit the Affirmation of the lead research institution form to confirm that they have verified that no comparable equipment that could be used or shared is available within a reasonable distance, and that third-party (co-)financing options have been explored. The research institution that owns the equipment must also ensure that any possible costs arising from the use, maintenance, and repairs of the equipment are covered.

The coordinator is to instruct their research institution to order the equipment and effect payment accordingly. The principles of economy, efficiency, and expediency apply to any acquisition. The procurement guidelines of the research institution and the provisions of the <u>Federal Procurement Act 2018</u> (*Bundesvergabegesetz*) as amended apply. In order to determine the equipment costs to be requested, vendor quotes must be obtained before the application is submitted pursuant to the research institution's procurement guidelines. Vendor quotes are submitted to the FWF only upon request.

2.3.3 Material costs

"Materials" is defined as consumables and small items of equipment (cost per item less than €1,500 incl. VAT).

The calculation of funds requested for project-specific material costs should be justified based on the project's schedule, work plans, and experimental schedule. Experience from previous projects should be considered in making the calculations.

2.3.4 Travel costs

Funding may be requested for project-specific travel and accommodation, field work, expeditions, etc. The project description must include a detailed itinerary, broken down by project staff members. This plan must indicate which staff members will be travelling, the destination, for what purpose, when (in which year of the project), for how long, and how much the travel will cost.

When planning travel in connection with a project, researchers should always carefully consider whether travel is absolutely necessary or whether the relevant information can be exchanged virtually.

If a project requires travel, transportation by train is preferred to travel by air as a contribution to environmental sustainability. Funding can be requested for any resulting extra costs such as an additional overnight stay. When travelling by air, it is strongly recommended to make a



carbon offset contribution¹⁵ which can be requested as part of the travel expenses or funded through the budget for general project costs. A carbon offset contribution can be requested for up to 15% of the ticket price.

Travel expenses for researchers from Austrian and international research institutions other than the lead research institution and the partner research institutions can only be granted in exceptional cases. Grounds for the exception must be provided in detail.

Travel and accommodation costs are generally calculated according to the lead or partner research institution's individual travel expenses policies. If no such policies are in place at the research institution, the federal regulations governing travel costs (*Reisegebührenvorschrift* <u>des Bundes 1955, RGV</u>) as amended apply.

2.3.5 Costs as part of national and international cooperation

In the case of cooperation arrangements, costs arising within the context of a research cooperation at the respective research institution are to be borne by that research institution. This does not apply to <u>cooperation arrangements with scientists or scholars from developing</u> <u>countries</u> (see <u>section 2.3.6</u>).

Funds may only be transferred directly to a cooperation partner (in Austria or abroad) upon presentation of an invoice, and then only if they are in payment for clearly defined commissions or services and immediately necessary to carry out the Austrian project.

2.3.6 Other funding available

- Independent contractor agreements (costs for work of clearly defined scope and content carried out by individuals, provided that they are cost-efficient and justified in the context of the research project)
- Costs for the preparation, archiving, open access, and reuse of research data in repositories in accordance with the FWF's <u>Open-Access Policy</u>
- Costs that cannot be included under personnel, equipment, materials, or travel costs, for example:
 - The use of research facilities, e.g., costs for the project-specific use of available equipment (project-specific "equipment usage time") or large research facilities
 - Any laboratory animals necessary for the project
 - Project-specific work carried out outside the researcher's research institution (e.g., for analyses carried out elsewhere, interviews, sample collection, etc.)
 - · Disposal of project-specific hazardous waste
 - <u>Cooperation arrangements with researchers in developing countries</u>

¹⁵ The amount of a CO₂ offset contribution for flights can be calculated, for example, using Climate Austria's <u>CO₂ calculator</u>.



The procurement guidelines of the research institution and the provisions of the <u>Federal</u> <u>Procurement Act 2018</u> (*Bundesvergabegesetz*) as amended apply.

2.3.7 General project costs

The approved grant sum includes 5% general project costs that are permitted for funding but cannot be requested individually using the abovementioned cost categories. They are subject to the <u>FWF's Funding Guidelines</u> and the costs must be eligible for funding. These include, for example, costs for conference travel, dissemination activities, and minor unforeseen costs necessary for the project.

Overhead costs for the research institution are not included in general project costs.

General project costs are to be entered in the appropriate field in the *Cost breakdown* form and calculated as 5% of the total funding requested. No justification for general costs is needed in <u>Appendix A</u>.

2.3.8 Publication costs

Publication costs cannot be requested as part of the application process. Information on funding options for publications resulting from FWF-funded projects can be found on the FWF website under <u>Peer-Reviewed Publications</u>.

2.4 Resubmitting a previously rejected application

A resubmission is defined as the revision of an application addressing the same or similar research questions as a proposal the FWF has previously rejected, regardless of the program category. If an application is submitted on the same or a very similar research question and if, in the view of the applicant, this application is not a resubmission but a completely new project, this must be explained in a separate accompanying letter to the FWF Office. For example, changes in research methods alone are not sufficient for a proposal to qualify as a completely new project. In cases of doubt, the appropriate decision-making bodies of the FWF shall decide.

Resubmissions must show changes from the rejected application. If an application has been rejected for the reasons C3, C4, and C5, these changes need to be substantial (based on the comments in the reviews). If no such changes are made, the FWF's decision-making bodies will return the application to the applicant without review.

When resubmitting an application, the following documents must be uploaded before the specified deadline:

• In any case, a cover letter to the FWF must include an overview of all changes made in the resubmitted application; this overview will not be forwarded to the reviewers.



A response to all reviews of the rejected application must be provided, even if one of the reviewers is to be excluded from reviewing the resubmitted application (see section 3.6). This response, consolidated in *one* document, will be forwarded to all reviewers reviewing the resubmission and should address the recommendations and criticisms included in the previous reviews as well as describe the resulting changes made.

While there is no time limit for the resubmission of a rejected application, the respective application requirements and the call-specific application deadlines do apply. Resubmissions must be submitted as described in <u>section 2.1</u>, i.e. as a separate, new application and not as a supplementary application to the previously rejected proposal.

2.5 File formats, file names, and online forms

Below please find an overview of all documents/forms to be submitted.

2.5.1 All applications must include the following parts:

a) Files:

- *Proposal.pdf* (project description, including Annexes 1–3 and where applicable 4, with PDF bookmarks, at least for the major sections)
- *PI_publication.pdf* (two publications written by each subproject head must be named, documenting that they fulfill the general requirements to apply)
- *Publication_list.pdf* (publication list of all the key project participants all subproject heads and project staff to be financed by the project at postdoc level and higher for the last five years, categorized into "quality assured publications" and "other publications")

b) Forms:

- Research institution
- Application form
- Contact form
- Program-specific data
- Cost breakdown
- Academic abstract (in English)
- Co-authors
- Other collaborations (if applicable; for national and international collaboration partners)

2.5.2 File uploads, if applicable

• Doctoral_certificate_name_researcher.pdf (doctoral/PhD certificate of junior researcher)



- *Postdoc-research_activity_name_researcher.pdf* (documentation of junior researcher's postdoctoral research experience)
- Cover_letter.pdf (accompanying letter)
- Negative_list.pdf (reviewers who should be excluded; optional)
- *Overview_revision.pdf* (for resubmissions, overview of all changes made in the resubmitted application)
- *Revision.pdf* (= for resubmissions, response to all reviews of the previously rejected application)

The coordinator must finish preparing the application in time to allow the lead research institution sufficient time to approve the application for submission by **October 2, 2023 (2:00 pm local time, Vienna/Austria).**

3 Processing and Decision-Making

3.1 Submission and requests for changes

All of the documents specified above must be uploaded in full to <u>elane</u>. Once an application has been officially submitted, the research institution and the coordinator can make no further changes to the application themselves. All applications approved for submission by the lead research institutions and received by <u>October 2, 2023</u> (2:00 pm local time, Vienna/Austria) will be checked for completeness and formal accuracy by the FWF Office. If the FWF Office identifies issues with the application that it considers to be rectifiable, it will notify the research institution and the coordinator, giving them the opportunity to correct the problems within a ten-day period. The requested changes are to be submitted to <u>elane</u> as a supplementary application and approved for submission by the lead research institution if necessary. If the requested changes are not submitted before the specified deadline, the decision-making bodies at the FWF will return the application without review.

Similarly, applications will not be reviewed if they have been previously rejected by the FWF and resubmitted without appropriate revisions (see <u>section 2.4</u>).

Once the review process has begun, no further changes can be made to the application. The FWF must be notified immediately of any changes to the consortium during the review process; such changes require the FWF's approval.

3.2 Excluding reviewers

A list of a maximum of three potential reviewers who should not be consulted to review the proposal due to a possible conflict of interest can be uploaded as an additional document. The coordinator must give reasons why they wish to exclude these reviewers. If the reasons



for exclusion are professionally and academically sound, the FWF will generally fulfil the coordinator's request and exclude those reviewers from the review process. A detailed description of the FWF's policy on conflicts of interest can be found in the <u>General Principles</u> of the FWF Decision-Making Procedure.

Please note that the FWF does not wish to receive, nor will it consider a list of potential reviewers from researchers.

3.3 Number of reviews required

For the evaluation of the pre-proposal, a minimum of three independent reviews are required for a positive decision.

3.4 Decision-making process

For detailed information on the decision-making process, the criteria for selecting international reviewers, detailed rules concerning conflicts of interest, and the composition of juries and review panels, please see the <u>General Principles of the Decision-Making</u> <u>Procedure</u>.

The review process for Research Groups usually takes about 14 months.

In the spring of the year following submission of the proposal, the Scientific Board will decide on the pre-proposal on the basis of the reviews obtained. If the Board reaches a positive decision, the researchers will be invited to submit a full proposal. This full proposal must be submitted within eight weeks. The applying research institution and the coordinator will be informed of the FWF's decision in writing.

The full proposal is reviewed by international experts. Appropriate information will be provided in a timely manner. The FWF Scientific Board will decide on the awarding of funding in November of the same year based on the reviews. Decisions will be communicated in writing to the lead research institution and the coordinator.

3.5 Grounds for rejection

The reasons for rejecting an application are assigned to one of five categories (C1–C5) and communicated to the coordinator and the lead research institution; the coordinator is also sent anonymized copies of the reviews. A detailed description of the reasons for rejection can be found in the <u>General Principles of the Decision-Making Procedure</u>.



3.6 Reviewing resubmissions

If the application is a **resubmission** of a previously rejected proposal, the FWF will generally contact those reviewers who provided constructive criticism on the previous application. Reviewers who gave entirely positive or negative comments will generally not be contacted for a second review. However, please note that all resubmissions are also evaluated by new reviewers.

3.7 Proposal bans

Applications that are rejected for reason C5 will be barred for 12 months (from the date of the decision) and cannot be resubmitted during that period.

Applications that have been submitted three times and rejected for reasons C3 or C4 (with the "three times" referring to the original application and two resubmissions) are also barred for 12 months (from the date of decision). Rejections for reasons C1 or C2 do not count towards this total. In general, only topics are banned, not researchers or applying research institutions.

4 Compliance with Legal Requirements and Standards of Research Integrity

4.1 Legal regulations

Please note that the lead research institution must comply with all legal requirements and safety provisions (e.g., Federal Disabilities Act, Federal Equal Treatment Act) that apply for the Research Group project and obtain all the necessary permits (e.g., from the Ethics Committee, the Animal Testing Commission, the National Heritage Agency, or the relevant foreign authorities).

4.2 Academic integrity

The <u>Guidelines for Good Scientific Practice</u> of the <u>Austrian Agency for Research Integrity</u> (OeAWI) apply.

Where a breach of these standards is suspected, the ombud of the respective research institution is responsible for investigating the issue. Research institutions are required to report any cases of suspected serious violations of the standards to the OeAWI. The FWF reserves the right to suspend, in part or in whole, any procedures related to applications or ongoing projects until this check or investigation has been concluded. For more detailed



information, please see <u>FWF procedure in cases of suspected violation of the standards of</u> <u>good research practice</u>.

5 Data Protection and Publication of Project Data and Results

5.1 Data protection

Regarding personal data, pursuant to Art. 6 (1) item a of the General Data Protection Regulation (GDPR), the coordinator or applying research institution consents to the processing of personal data and other data (e.g., title of the project submitted, research institution, academic abstract, PR summaries) necessary for the administration of the funding by the FWF – while safeguarding business and trade secrets – for the purposes of research policy (e.g., presentation of the development of basic research in Austria, economic analyses, funding impact reports, etc.), and for public relations work (publication of excerpts in the FWF annual report, on the FWF website, in press releases, media collaborations, etc.) and to the passing on of this data to third parties (e.g., for use in research policy studies). This consent can be revoked at any time in full or in part in writing to the FWF with effect for future data processing. Further information on the data privacy rights of the coordinator or applying research institution as well as the contact details of the FWF's data protection officers is available <u>here</u>.

5.2 Publication of project data and results

Please note that if a grant is awarded, a PR summary in German and English will be published on the FWF website, as well as the grant amount and later, PR summaries of the project's findings in German and English. Summaries must be submitted to the FWF when the grant agreement is returned. The coordinator must ensure that these texts are worded in such a way that legitimate interests of secrecy for reasons of national defense and patent law are safeguarded and business secrets are protected appropriately. Guidelines for writing PR summaries can be found <u>here.</u>

In addition, the FWF requires a data management plan (DMP) for all approved projects. This plan should also be sent to the FWF when returning the grant agreement. The template for the DMP can be viewed and downloaded <u>here</u>.

The guidelines specified in the grant agreement on acknowledging the FWF as the funding institution and the FWF's <u>Open-Access Policy</u> apply for any publication of project results (e.g., academic publications, research data, conference papers, and media reports).



6 Appendices to the Application Guidelines

6.1 Appendix A: Information on the research institution(s) and description of financial aspects

Information on the lead research institution and the partner research institutions and the description of project finances must be presented **in English**, categorized into coordination project and subprojects, using the following structure and appended to the project description as Annex 2. Costs must be broken down and adequately justified for each point below. The list of and justification for the requested funds must correspond to the costs indicated in the *Cost breakdown* form.

(a) Details on the lead research institution and the partner research institution

- Existing personnel (not financed by the FWF, usually the subproject heads and research personnel at the research institution(s))
- Existing infrastructure

(b) Information on the funding requested

- Explain briefly why the personnel requested is needed for the project (type(s) of requested position(s), job descriptions, extent of employment, and duration of involvement in the project).
- Explain briefly why the non-personnel costs requested are justified (equipment, materials, travel, and other costs). If funding for equipment is requested, applicants must explain why this does not constitute part of the basic equipment of the given research environment see section 2.3.2.

List of and justification for

Personnel costs:

Equipment costs:

Material costs:

Travel expenses:

Other costs (including independent contractor agreements for work and services):



6.2 Appendix B: Notes and questions for reviewers in the Research Group funding program¹⁶

The FWF actively supports equal opportunities and equal treatment in all of its programs. The review of an application must not put researchers at a disadvantage for non-researchrelated reasons such as age, gender, etc. For example, instead of considering the applicant's actual age, the review process should focus on the how the length of the individual's research career corresponds to their research achievements to date.

Our commitment to equal opportunities also means taking breaks or delays in researchers' careers into consideration (e.g., due to parental leave; long-term or chronic illness; disability; caregiving responsibilities; etc.) which may have resulted in gaps in a researcher's publication record, unorthodox career paths, or limited international research experience. Please also see our information for reviewers on <u>unconscious bias in the decision-making process</u>.

Only the researcher's ten most important academic publications and their ten most important additional research achievements are to be considered when evaluating the application. As a signatory to the <u>Agreement on Reforming Research Assessment</u>, the FWF also emphasizes that, in assessing research performance, reviewers should refrain from using journal-based metrics such as journal impact factors.

Please review the current proposal¹⁷ based on the following nine assessment criteria: 1) Degree of innovation, 2) research quality, 3) multi- or interdisciplinary approach, appropriate methodology and implementation of the project, 4) research qualifications of the subproject heads and gender ratio, 5) effects of the implementation of the internationalization strategy, 6) importance of the project for the career development of the junior researchers involved, 7) organization of the Research Group, 8) ethical, sex-specific, and gender-related aspects, and 9) final assessment. For each of these criteria except 8) we ask you for both written comments and a rating on a scale from "outstanding" to "poor." Please be aware, however, that the FWF's funding decision will be based primarily on reviewers' written assessments rather than the ratings assigned.

Please keep in mind that sections 1 and 2 will be forwarded to the researchers in full and in anonymous form.

¹⁶ Further information can be found on our website: <u>FWF's corporate policy and mission statement</u> and the <u>Application Guidelines for</u> <u>FWF Research Groups</u>

¹⁷ The project proposal must meet the FWF's formal requirements. Please bear these in mind when writing your review. (Important formal requirements: Project description incl. figures and tables, on no more than 25/24/23 pages for 5/4/3 researchers, respectively; list of relevant literature cited, max. 5 pages; academic CVs and description of previous research achievements of all researchers, incl. their ten most important publications, max. 3 pages each.) For further information, please see <u>Research Groups (fwf.ac.at)</u>.



Section 1 (forwarded to the researchers in full)

- 1) Degree of innovation and the proposal's potential to change existing paradigms both in and beyond the research fields involved
- 2) Research quality of the proposal
- 3) Multi- or interdisciplinary approach, appropriate methodology and implementation of the project
- 4) Research qualifications based on academic age of the subproject heads as well as the gender ratio among the subproject heads
- 5) Effects of the implementation of the Research Group's proposed internationalization strategy
- 6) Significance of the project for the career development of the junior researchers involved
- 7) Organization of the Research Group
- 8) Ethical, sex-specific, and gender-related aspects

Ethics: Have ethical considerations been addressed satisfactorily?

Sex-specific and gender-related aspects: Subproject heads are required to address any relevant sex-specific and/or gender-related elements inherent in research questions and/or research design. Please assess whether the treatment of these components is adequate.

9) Final evaluation in terms of key strengths and weaknesses and final funding recommendation

What is your overall impression of the proposal? Specifically, what would you consider its key strengths and weaknesses? Please give reasons for your answers, taking as much space as you need.

Section 2 (optional remarks to the researchers)

If you are in favor of the project being funded, you may want to add to the formal assessment in section 1 by making further and perhaps more informal comments or suggestions here. However, please note that these remarks, too, may also have an impact on the FWF's funding decision, especially if they amount to substantive criticism of the project.

Section 3 (confidential remarks to the FWF)

Please use this space to make any comments that you do not want submitted to the researcher. Feel free to also give us feedback about the evaluation process and your interactions with us.