

VIENNA SCIENCE AND TECHNOLOGY FUND

WIENER WISSENSCHAFTS-, FORSCHUNGS- UND TECHNOLOGIEFONDS

> WIR STÄRKEN EXZELLENZ AM STANDORT WIEN

> > WE STRENGTHEN VIENNA'S EXCELLENCE IN RESEARCH

Digital Humanism Call 2020

Virtual Keynote - 19. Juni 2020, 10:00-11:00

WWTF
Michael Strassnig
Donia Lasinger



Agenda and Rules for Q&A

- Brief introduction WWTF
- Presentation Digital Humanism Call 2020
 - Call theme and short proposal submission
- Q & A (15min)
 - Please write your question in the Zoom Chat! If you want to pose the questions directly, we will activate your account so that you can speak!
 - Due to time restrictions, it may not be possible to answer all questions: further Q&A session on July 8, 2020, 10 am
 - All questions saved from the chat and provide a Q&A both on the B2Match Platform and on www.wwtf.at; slides will also be available on both websites.
 - For further questions during writing the proposal, please write us an email and call us!

WWTF: Distinctive features

- ➤ The only larger Austrian private non-profit organisation established to promote science and research
- ➤ Founded in 2001 | Funding since 2003: over € 190 m have been awarded (mainly from private foundation plus City of Vienna)
- WWTF Mission:
 - We fund top scientific research in Vienna
 - We provide substantial funding for larger research projects and bring research group leaders from abroad to Vienna
 - ► We run competitive calls according to highest international standards

WWTF: Overview programmes and instruments

Instruments **Current thematic programmes** Life Sciences (*2003) **Projects** Information and Communication Technology (*2008) Vienna Research Groups Cognitive Sciences (*2011) **Environmental Systems Research:** Summer Schools Urban Environments (Pilotcall 2017)

Digital Humanism Pilot Call is within the ICT thematic programme

Call Dokuments

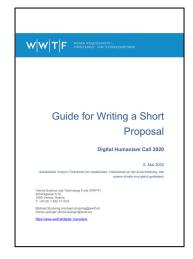
For writing a proposal, there are two main documents:

- Call Fiche
- Guide for Writing a Proposal
 - Both are available at https://www.wwtf.at/programmes/information_communication/#ICT20

More details on the call topic:

https://www.wwtf.at/digital_humanism/





Digital Humanism – A short primer I

- Digitalisation: fundamental process of change transforming in many ways how individuals interacts and how societies are organized
 - Both considerable benefits but also risks and negative effects
- Many voices have diagnosed the shortcomings of digital societies and increasingly voices become louder also in the computer science community
- Some of the negative developments:
 - Accelerated monopolization of data and services
 - Transparency of people while activities of companies and states remain opaque
 - Digitalisation is fueling polarization and contributes to inequalities
 - Unreflected delegation of decision-making to machines
- Technological and economic processes often do not focus on human and social values anymore

Digital Humanism – A short primer II

- Digital Humanism aims to provide an answer (and alternatives)
- Digitalisation is not rejected but embraced it offers many opportunities for a more inclusive society
- Putting people back at the center of technological developments and making them the benchmark and rule for digitalization processes
 - from computer-literate people to people-literate technology
- Among many others (economy, politics, education, ...), science and research is needed → collaboration across disciplines: insights from SSH and ICT should come together
- WWTF's aims are to build sound and internationally recognizable research capacities around Digital Humanism in Vienna

Content of the current call – Digital Humanism 2020

WWTF wants to position Vienna as an internationally strong location for developing Digital Humanism as a movement and paradigm. Engaging with digitalisation from the perspective of Digital Humanism in science means:

- Building on human and societal values which are key to current and future society.
- Forming alliances between SSH and ICT to rethink digitalisation and contributing to a long-term paradigmatic shift.
- Combining social and technological progress on a level playing field by stronger linking digitalisation to human values.
- Positioning Vienna as an internationally visible place for Digital Humanism.
- Being constructive and inventive rather than expressing fundamental critique only.



Content of the current call – Digital Humanism 2020

- ➤ The proposed project should improve the understanding of current fundamental questions in digitalisation in its social and human dimensions
 - ➤ (1) developing an in-depth understanding of selected aspects of digitalisation that includes both technical and societal / human aspects based on evidence, and
 - ▶ (2) on that basis, exploring mid- to long-term concepts to rethink digitalisation processes to be better aligned with established human values.
- Topcis: all areas of digitalisation: democracy, culture, education, economy, labour, health, media, politics and many more.
- Projects can address selective aspects of digitalisation issues, such as ethics, regulation, sustainability, privacy, gender, responsibility, diversity, fairness, etc.



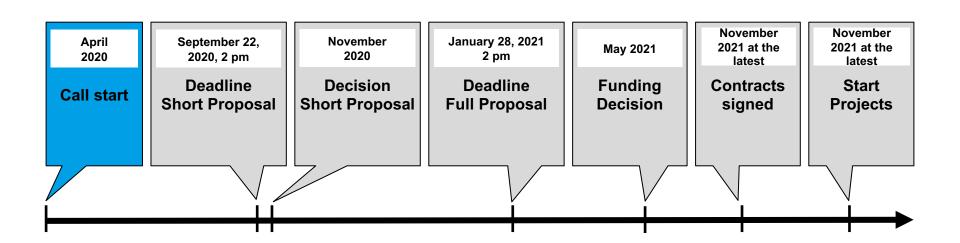
Content of the current call – Digital Humanism 2020

- All fields of ICT and SSH are eligible and invited to collaborate in the projects.
- Interdisciplinary collaboration between SSH and ICT is mandatory. Projects must demonstrate how they aim to facilitate the interdisciplinary collaboration
 - ► This is not a call for digital humanities projects
- Inclusion of empirical research (qual. or quant.) is strongly encouraged
- ➤ WWTF also encourages more risky proposals aiming at new questions, methods and collaborations.
- Development of applications and tools that do not include fundamental research questions is not eligible → we aim for a long-term perspective and not quick fixes

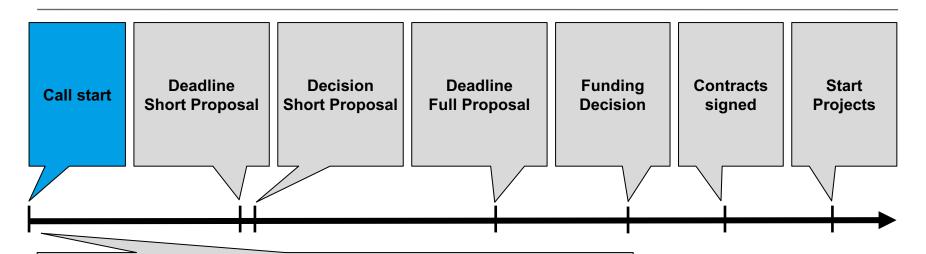


Call specifications

- Researchers affiliated to universities and non-university research institutions in Vienna (+ moving to Vienna)
- Young and/or female scientists are especially encouraged to apply as Principal Investigators
- 2-stage selection process with short and full proposal
- Total budget: 2 m €
- Funding range: 200.000 € 400.000 €
- Multi-annual (2-4 years) scientific project in the field of Information and Communication Technology and its application in other fields
- Please note: a researcher can appear in two proposals at most



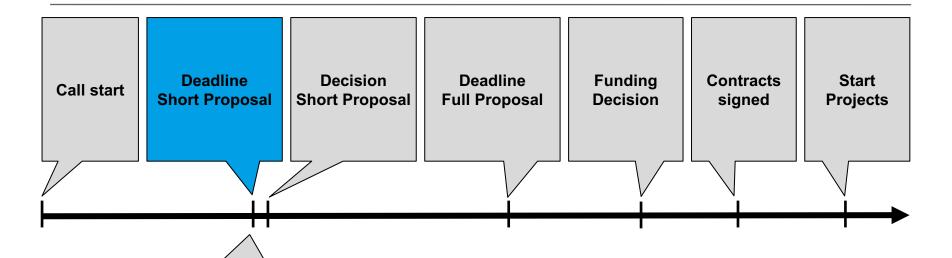
Schedule of the current call



Call Start

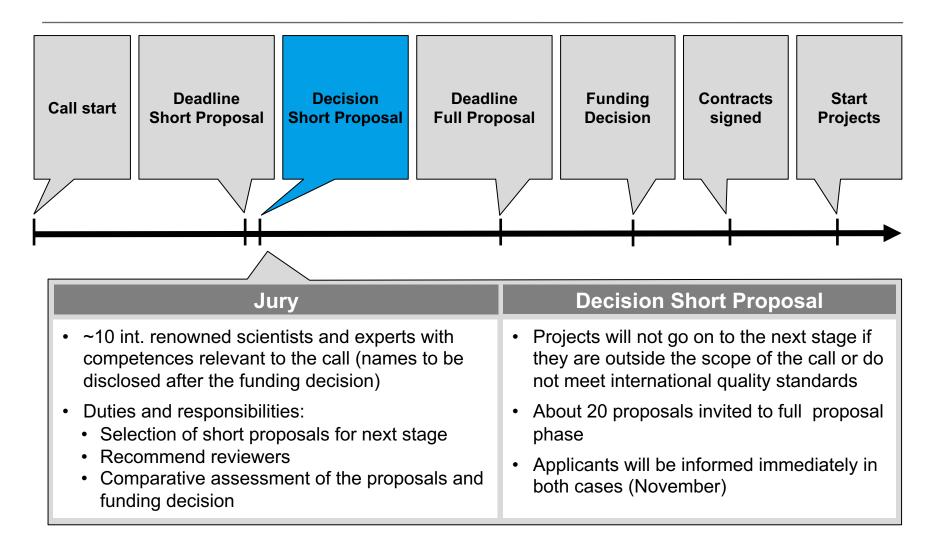
- Register at https://funding.wwtf.at
- Create new proposal(s)

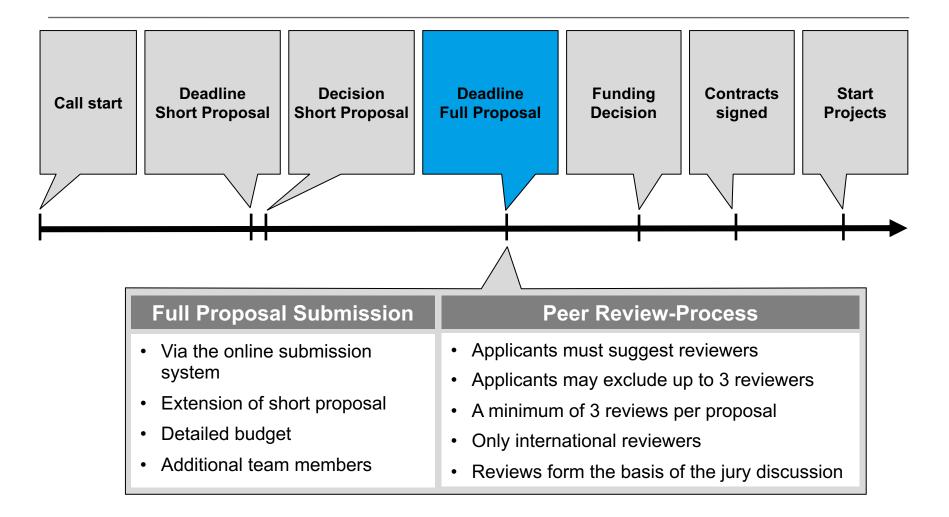
Schedule of the current call

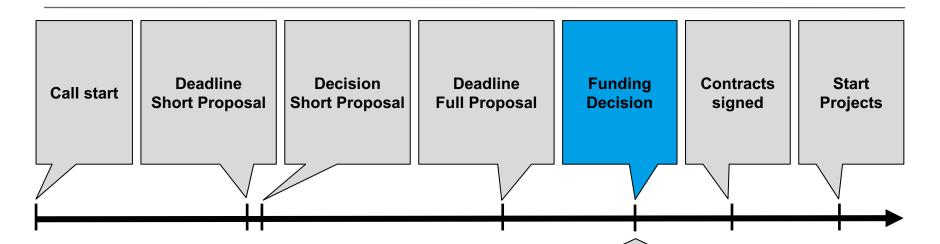


Submission via WWTF Online Submission System

- Strict deadline: September 22, 2 pm CEST
- Only proposals via online submission system are accepted
- · Submission only possible when all parts and uploads are complete
- No data or figures at this stage (only 1 Gantt chart)
- WWTF office performs formal eligibility check
- Proposals then sent to international jury for assessment







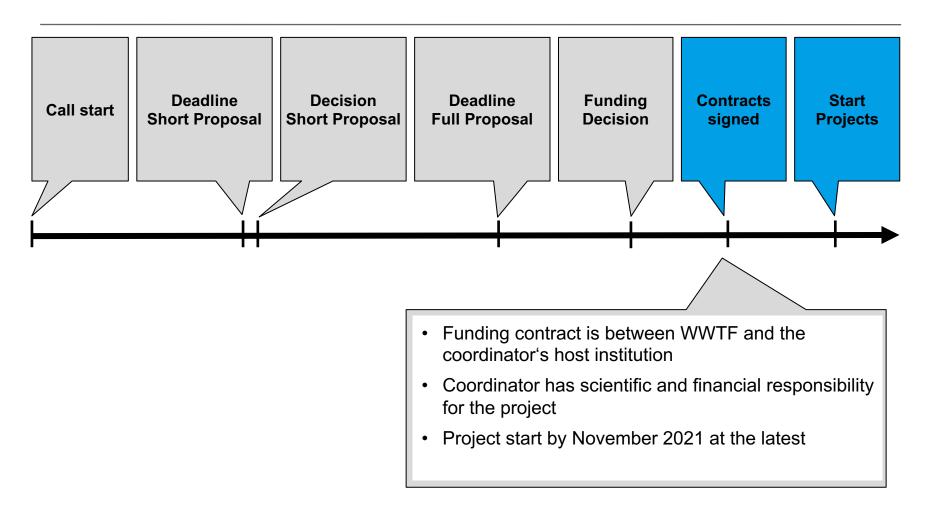
Jury recommendation

Main evaluation criteria:

- · Scientific quality and innovativeness
- Scope (Digital Humanism!) and relevance of the project
- Appropriate methods
- Feasibility of the project given the work plan and the competences of the team members
- Interdisciplinarity, collaboration, expertise and team composition
- Consideration of sex-specific or gender-related aspects

Decision

- Funding recommendation by the jury
- Formal decision making by the WWTF Board of Directors
- All applicants will receive a decision letter (rejections and acceptances) with anonymous reviews



Submission system

- WWTF accept only project submissions via its online system:
- Registration with e-mail address and name at https://funding.wwtf.at (or use existing account)
- Login, select the call "Digital Humanism 2020" and click on "create a new proposal"
 - You can create as many proposal as you want to. Please note that a researcher can appear in two proposals at most!
 - Proposals not submitted will be deleted soon after the submission deadline
- Complete the proposal, upload necessary documents, and submit (a PDF file with a project number will be generated automatically)
 - Submission is only possible after the form has been fully completed
 - No amendments/changes can be made after you click "Submit"

Short Proposal Structure

The short proposal consists of 8 parts:



PI & Team Information 2

Basic Information

3

Project Abstract



- ▶ Relevance of the topic incl. state of the art & theoretical framework
- Explanation how this project relates to Digital Humanism
- Research questions, hypotheses, objectives and expected results
- Methodology (including arguments on feasibility and ethics)
- Interdisciplinary collaboration
- Innovative character and uniqueness of the project
- Sex-specific and gender-related aspects
- ► How does the project contribute to positioning Vienna?
- Key references

5

Gantt chart (PDF)

6

Ethical Approval

7

Budget & Explanation

8

Affirmation/ Authorization

Submission system: Type of project

Is this a Joint Project with substantial funding going to partners in Lower Austria?*

- Yes (Joint Project)
- No (WWTF Project)

| WWTF Proj | ects |
|------------------|------|
|------------------|------|

- Funding volume: max. 400,000 €
- Coordinator in Vienna
- Budget distribution:
 - Vienna: min. 80%
 - Other (incl. Lower Austria): max. 20%

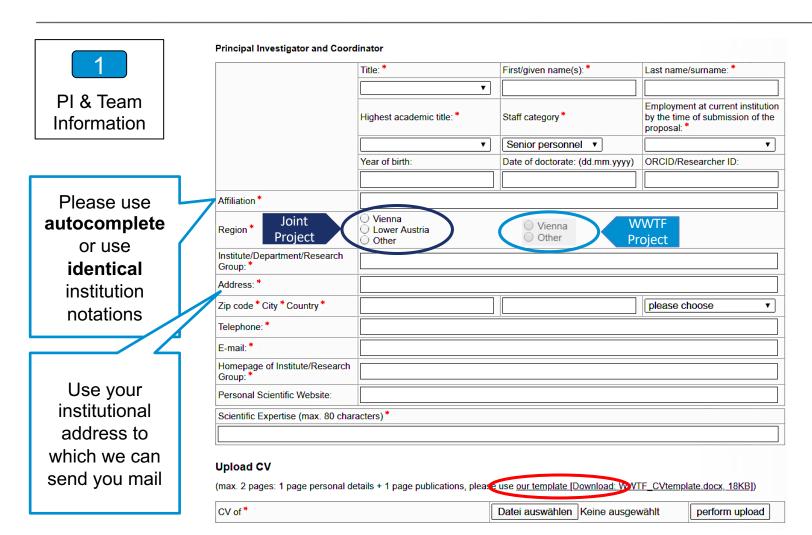
Joint Projects

- Funding volume: max. 450,000 €
- Coordinator in Vienna
- At least 1 Co-Principal Investigator/Core Team Member in Lower Austria
- Budget distribution:
 - Vienna: min. 51% share of budget
 - Lower Austria: 20%-49%
 - Other: max 20%

Regional branches of Viennese institutions (e.g. BOKU, VetMed, AIT) located in Lower Austria are considered Viennese institutions.



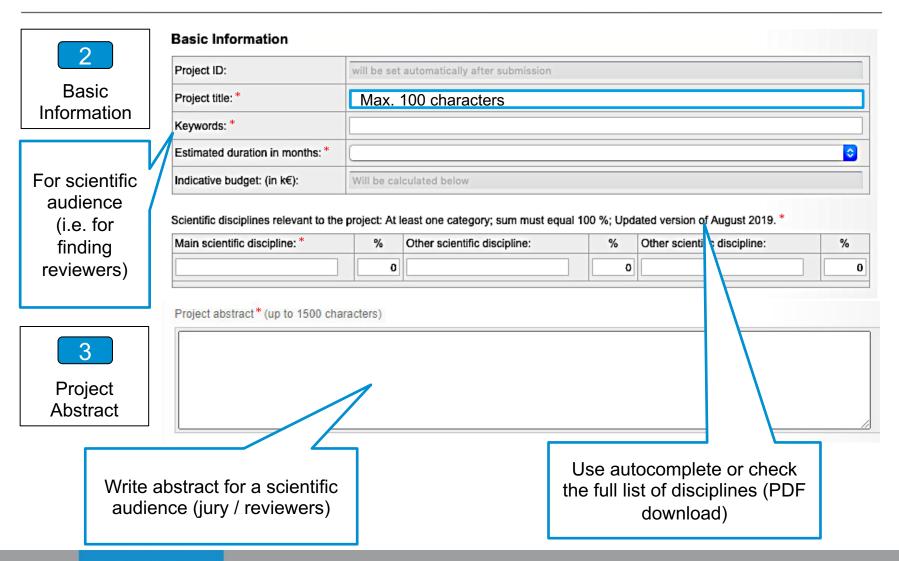
Submission system: Researcher's Information



Researcher's information

- Up to 3 researchers per project core team
 - Researchers can came from the same or from different institutions
 - Further researchers can be added in the full proposal
 - Project core team must reflect the interdisciplinary nature of the project (SSH + ICT)
- One designated coordinator
 - Coordinator must be affiliated to a Viennese University or non-university research institute
- A researcher can appear in two proposals at most
- Upload a CV for every core team member (use template)

Submission system: Basic Project Information



Submission system: The actual Short Proposal



Project proposal

- Relevance of the topic incl. state of the art & theoretical framework
- Explanation how this project relates to Digital Humanism
- Research questions, hypotheses, objectives and expected results
- Methodology (including arguments on feasibility and ethics)
- Interdisciplinary collaboration
- Innovative character and uniqueness of the project
- Sex-specific and gender-related aspects
- How does the project contribute to positioning Vienna?
- Key references
- Text box input fields, character number limited (incl. spaces)
- Keep applications short and precise
 - use language aimed at the scientific community
 - in English



Submission system: The actual Short Proposal

- ▶ Relevance of the topic incl. state of the art & theoretical framework (3.500 characters): What is the topic of the research project? What is the state of the art and the theoretical framework of the proposed research?
- ► Explanation how this project relates to Digital Humanism (750 characters)
- ▶ Research questions, hypotheses, objectives and expected results (3.000 characters): What are the research questions and the scientific challenges the project wants to address? What is/are the goal(s) the project wants to achieve? Provide an outline of the scientific approach that will be used to reach your objectives. The objectives should be achievable within the duration of your project. State preliminary data and any relevant research experience.
- ▶ Methodology (including arguments on feasibility and ethics) (2.500 characters): Specify the methodology you intend to use in order to answer your research question(s) and to reach the objective(s). Describe the basic working principles and concepts, and why the chosen approach/ specific mix of approaches is the most suitable for the addressed research question. Include a short assessment on the feasibility and the ethics perspective of the approach.

Submission system: The actual Short Proposal

- ► Interdisciplinary collaboration (2.500 characters): Each team member should describe his/her role in accomplishing the goal of the team as a whole. Which different disciplines are represented in the project and which partnerships across research groups and institutions will result from the project? Which collaborative elements are essential for the project to succeed; how will they be facilitated; what makes the team more powerful than the sum of the individual contributions? A team member's contribution should be integrated into the overall plan and should not appear merely as a resource.
- ▶ Innovative character and uniqueness of the project (2.000 characters): Which aspects of the proposed project are especially innovative (e.g. subject, collaborations, methodological approach)? Describe the scientific relevance of the proposed project and its timeliness.
- ► Sex-specific and gender-related aspects (750 characters)
- ► How does the project contribute to positioning Vienna? (500 characters): What is the relevance of your project to position Vienna as an internationally visible place for Digital Humanism?
- ▶ Key references: Max. 10 citations, max. 1,250 characters.

Submission system: Additional Information

5

Gantt chart

- PDF upload, max. one page
- Include work packages and responsibilities in the team
- The Gantt chart must not be used to provide further content

Ethical aspects

- If the project requires approval by the ethics committee/institutional review board or has already been approved, write a brief statement (include approval nr.)
- ▶ It is the researcher's responsibility to comply with ethics of the institution

Submission system: Budget



Budget

- Overhead costs: up to 20% of the direct costs
- No funding of companies (however, they can be part of the project via in-kind contributions)
- Project relevant services from companies can be calculated as consumables (if these services cannot be provided with reasonable effort by the team)
- Non-personnel costs should not exceed 25% of the total budget
- Budget changes in the full proposal stage are permitted, but require an explanation

Cost Planning Tool

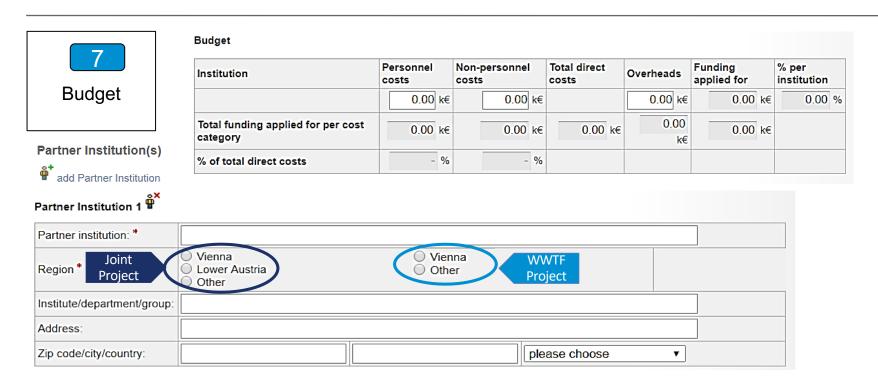




Budget

- Spreadsheet download (top of the proposal submission page) to help calculate the budget:
 - Per institution and per year calculations
 - Personnel costs
 - in-kind and WWTF funding, use FTE/100% salary salary = employer and employee costs
 - Including automatic 3% annual salary increase
 - ➤ WWTF policy regarding senior staff: up to 20% in case there is less than 25% basic institutional block funding
 - Non-personnel costs (consumables, third-party services, travelling, publishing costs)
 - Keep the spread sheet in case that you are invited for a full proposal
- Do not submit the spreadsheet, but fill in the numbers online
- Insert numbers in k€ (100.000 € = 100 k€)

Submission system: Budget



- % personnel and non-personnel costs of total direct costs will be displayed
- % of budget per institution will be displayed
- Institutions of the Core Team are added automatically
- Up to 5 institutions in can be listed in total (collaboration partner without providing the researchers' names at this stage



Submission system: Budget per region

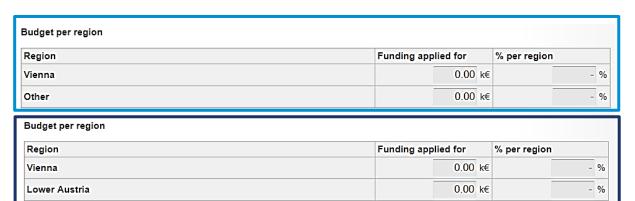


Budget

- Budget per region
 - Funding per region in k €
 - % of budget per region will be displayed

WWTF Project

Joint Project



WWTF Projects

• Funding volume: max. 400,000 €

Other

- Budget distribution:
 - Vienna: min. 80%
 - Other (incl. Lower Austria): max. 20%

Joint Projects

0.00 k€

- Funding volume: max. 450,000 €
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 - Other: max 20%

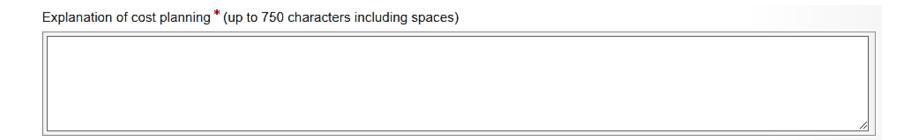
Submission system: Budget



Explanation of cost planning:

Budget

Describe main expenses planned within the project



Submission system: Signatures



- Can be downloaded before the proposal is complete
- WWTF-projects are § 27-projects (for universities)
 - ➤ A commitment from the involved universities or research institution is necessary, the coordinator's institution will be the contract partner
 - ► Affirmations: Signature of the Pls / Core team members
 - Authorization: Signature of the authorized person from the involved institutions of the PIs / Core team members
 - Be aware of internal regulations of the respective institutions
 - Contact the research services unit/grant managers in advance

Submission system: Signatures



- PDFs will be generated automatically using the information about the core team and hosting institutions
- "Download Part I as PDF document"
- Print for signatures or include electronic signature
- Upload (up to 6 pages in one PDF document)

Affirmations In signing the application form, all persons involved (project manager, partners) undertake that the information provided in the application form is, to the best of their knowledge and belief, accurate and complete. They confirm the following · All relevant material changes will be promptly communicated to WWTF. · All persons agree not to exploit intellectual property as individuals, but, if in any way possible, within the set of rules of their Home institutions. All publications have to mention WWTF as a funding institution. . The persons involved will ensure compliance with all legal and procedural requirements regarding safety, ethic issues, notification requirements and any other relevant regulations . The persons involved confirm that the work plan submitted for WWTF funding is currently not subject to third party funding (like FWF, EUfunding, any other regional, national or international funding). . The persons involved pledge to disclose if they intend to apply / have applied for funding for the same work plan at other funding sources Name Institution Date, signature NN In signing the application form, the institution (i.e. the institutional level authorised and responsible for signing, if not legally identical with principal applicant) undertakes that the information provided in the application form, is to the best of their knowledge and belief, accurate and complete. It is hereby confirmed that . The institution agrees to the use of space, equipment, personnel and other resources as stated in the application. The institution agrees to provide its own contribution as described in the application. • The institution is willing to co-operate with WWTF, in an appropriate way, and its chosen partners regarding the application and protection of intellectual property arising from the project to be funded. Institution Signing person Date, stamp, signature save changes Signatures Please provide one PDF file containing (only) the scanned sheets with all the required signatures! You can generate the signature sheet at the bottom of the page after the team data (PI, etc.) and proposal title has been provided. Signatures (max. 6 pages)* Durchsuchen... Keine Datei ausgewählt. perform upload We only accept PDF-format (preferable pdf version 1.4 without any encryptions) for your upload Download Part I as PDF documen

Submit!

The Online Submission System will close automatically

at 2pm on September 22, 2020

Contact

Further "Sprechstunde" (consultation hour) with regard to questions concerning the call

8 JULY 2020, 10am on the B2Match platform

All documents available at www.wwtf.at

Contact:

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