**QuantERA Pre-Proposal Template**

Project Acronym

Project Title

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Topic: |  | Quantum Phenomena and Resources |  | Applied Quantum Science |

Coordinator contact point for the proposal

|  |  |
| --- | --- |
| Name |  |
| Institution/Department |  |
| Address |  |
| Country |  |
| Phone |  |
| E-mail |  |

People[[1]](#footnote-2) involved in the realisation of the project

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Partner Number*** | ***Country*** | ***Institution/ Department*** | ***Name of the Principal Investigator (PI)[[2]](#footnote-3)*** | ***Name of the co-Investigators[[3]](#footnote-4)*** | ***Name of the other personnel participating in the project[[4]](#footnote-5)*** |
| ***1***  *Coordinator* |  |  |  |  |  |
| ***2*** |  |  |  |  |  |
| ***3*** |  |  |  |  |  |
| ***4*** |  |  |  |  |  |
| ***5*** |  |  |  |  |  |
| ***6*** |  |  |  |  |  |

(Use as many lines as needed)

Duration: months

**Summary of the project**(publishable abstract, max. 1/2 page):

Be precise and concise. This summary will be used to select suited reviewers for the proposal.

**Relevance to the topic addressed in the call**(in particular specify here which part of the call text is addressed by your project, max. 1/4 page):

Be precise and concise.

**Detailed project information**

**General recommendations:**

1. Sections *1. Excellence* in the pre-proposals and full proposals must keep the same scientific scope.
2. The same font and style should be used for the whole proposal (Arial, 11pt, single spaced).
3. Please complete all sections.
4. Please adhere to the given page limits.
5. For the evaluation criteria, please refer to the Call Announcement. Your proposal should include all details required.
6. Excellence (max. 6 pages)

# Targeted breakthrough, baseline of knowledge and skills

Describe the targeted breakthroughs of the project.

Describe how the science and technology contribute to the establishment of a solid baseline of knowledge and skills for the specific theme addressed.

Describe the specific objectives of the project, which should be clear, measurable, realistic and achievable within the duration of the project.

# Novelty, level of ambition and foundational character

Describe the advance your proposal would provide beyond the state-of-the-art, and to what extent the proposed work is ambitious, novel and of a foundational nature. Your answer could refer to the ground-breaking nature of the objectives, concepts involved, issues and problems to be addressed, and approaches and methods to be used.

# Concept and methodology

Describe and explain the overall concept and research approach underpinning the project. Describe the main ideas, models or assumptions involved. Identify any interdisciplinary considerations and, where relevant, use of stakeholder knowledge.

Describe any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project.

Describe the methodology and explain its relevance to the objectives.

Describe the appropriateness of the methodology to narrow down multiple options and to address high scientific and technological risks.

# Interdisciplinary nature

Describe the research disciplines involved and the range of added value from interdisciplinarity, including measures for exchange, cross-fertilisation and synergy.

# Impact (max. 1 page)

## Expected impacts

Be specific, and provide only information that applies to the proposal and its objectives. Wherever possible, use quantified indicators and targets.

Describe how the project will contribute to the expected impacts (see ‘Research Targeted in the Call’ of the Call Announcement).

Describe the importance of the technological outcome with regard to its transformational impact on technology and/or society.

## Dissemination, exploitation of results, communication

Provide a plan for disseminating and exploiting the project results beyond the project itself (scientifically and/or economically).

Results include any data produced in the framework of the project. If applicable, describe how data curation and distribution can be ensured beyond the project duration.

Describe the proposed communication measures for promoting the project and its findings during the period of the project. Measures should be with clear objectives. They should be tailored to the needs of different target audiences, including groups beyond the project’s own community.

Where relevant, include measures for public/societal engagement on issues related to the project.

# Implementation (max. 2 pages)

## Work plan and work packages

Provide a brief presentation of the overall structure of the work plan and foreseen work packages.

Clearly define the intermediate targets.

## Management structure, milestones, risk assessment

Describe the organisational structure and the decision-making.

Explain why the organisational structure and decision-making mechanisms are appropriate to the complexity and scale of the project.

Describe any critical risks, relating to project implementation, that the stated project’s objectives may not be achieved. Detail any risk mitigation measures.

# Consortium

Describe the consortium. How will it match the project’s objectives and bring together the necessary expertise? How do the members complement one another?

If applicable, describe the industrial/commercial involvement in the project.

# Financial plan

The resources to be committed for each project partner have to be described in the Electronic Submission System by the coordinator. These resources include: Personnel, Consumables, Equipment, Travel, Subcontracting, Provisions, Licensing fees, other. Justify them here. Both the justification and the information in the system will be communicated to the Evaluation Panel.

# Ethical issues (max. ½ page)

Describe any foreseeable ethical issue that may arise during the course of the research project.

# References (max. 30 references)

Provide references of articles and publicly available documents directly supporting the proposal.

1. *Write “Sylwia Kostka” instead of “S. Kostka”* [↑](#footnote-ref-2)
2. *The Principal Investigator (PI) is the point of contact of the partner for the corresponding National Funding Organisation.* [↑](#footnote-ref-3)
3. *A co-investigator is a known scientist and/or group leader making a substantial contribution to the project.* [↑](#footnote-ref-4)
4. *If the name is for the moment unknown, specify the level of expertise sought (PhD, post-doc, engineer, professor…).* [↑](#footnote-ref-5)