**Long-Term Joint EU-AU Research and Innovation Partnership on call Sustainable Energy**

Full Proposal Application Form

*The project description should not exceed a maximum of 30 pages (including project overview and abstract).*

1. Project overview

|  |  |  |  |
| --- | --- | --- | --- |
| Proposal full title |  | | |
| Proposal acronym/short name |  | | |
| Project Coordinator (organisation + name of the project coordinator) |  | | |
| Start date[[1]](#footnote-1) (month/year) |  | Total Project Costs in EUR: |  |
| End date (month/year) |  | Requested funds in EUR: |  |
| Project duration in months |  |  |  |
| Topic and sub-topic [[2]](#footnote-2) | Topic: (tick the relevant topics(s))  Topic 1: Mapping joint research and innovation actions for next-step development of RES and integration of RES in sustainable energy scenarios  Topic 2: End‐of‐life and second‐life management and environmental impact of RE components  Topic 3: Smart stand‐alone systems  Topic 4: Smart grid (different scales) for off-grid application  Topic 5: Processes and appliances for productive uses (agriculture, mobility and industry)  Topic 6: Innovative solutions for priority domestic uses (clean cooking and cold chain)  MAR7: Production and utilization of green hydrogen | | |
| Supplementary keywords | *(max. 5)* | | |

*N.B.: Questions and comments in blue may be overwritten or deleted. Please adhere to the following formatting requirements: Calibri, 11pt, single-spaced for all text except references and footnotes; the page margins should be 2.5 cm. Both formatting requirements and the maximum number of pages (specified in the respective chapters) help the International Review Panel to read and compare the proposals.* ***Please note that the Call Secretariat will ask you to shorten your proposal after submission if the intended page limit is exceeded.***

1. ***Abstract***

*(Describe briefly the background, objectives, needs to be addressed, methodology, work planning, stakeholder involvement, expected impact of outcomes, potential benefits, and possible collaboration with collaborative projects; max. 4000 characters)*

1. Coordinator/partner profile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Organisation | Type of organisation[[3]](#footnote-3) | Country / Funding agency[[4]](#footnote-4) | Contact Person (first name and family name) |
| Project Coordinator/Main Applicant |  |  |  |  |
| Project Partner 2 |  |  |  |  |
| Project Partner 3 |  |  |  |  |
| Project Partner 4 |  |  |  |  |
| Project Partner 5 |  |  |  |  |

*Please insert additional rows if necessary: place the cursor in the last row and select “Table 🡪 insert 🡪 row below” from the menu bar.*

1. Technical description of the project

## Scientific and/or technological excellence (max. 20 pages)

Project objectives and Key targets

*Describe the overall and specific objectives for the project, which should be clear, measurable, realistic and achievable within the duration of the project. Use Key Performance Indicators (KPIs) where possible.*

Current state of the art and progress beyond the state-of-the-art

*Originality and/or innovation of the concept and approach (indicate start and target TRL[[5]](#footnote-5), if applicable)*

Methodology

*Describe and explain the overall methodology, distinctiveness, and activities such as research, demonstration, piloting, first market replication, etc.*

*A detailed work plan should be presented, broken down into work packages[[6]](#footnote-6) (WPs) that should follow the logical phases of the project's implementation. Include consortium management and assessment of progress and results (please note that your overall approach to management will be described later, in section b).*

*Please present your plans as follows:*

*i) Describe the overall strategy of the work plan (max. 1 page)*

*ii) Show the timing of the different work packages (WPs) and their components (Gantt chart or similar* *visual timeline)*

*iii) Provide a detailed work description broken down into WPs:*

* + - *Work package list (please use Table 4.1)*
    - *Deliverables list (please use Table 4.2)*
    - *List of milestones (please use Table 4.3)*
    - *Description of each WP (please use table 4.4, max. 1 page per work package)*

*iv) Describe any significant risks and associated contingency plans (max. 1 page)*

*Note:*

*The number of work packages used must be appropriate to the work's complexity and the proposed project's overall value. The planning should be sufficiently detailed to justify the proposed effort and allow progress monitoring.*

**Table 4.1: Work package list**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Work package No**[[7]](#footnote-7) | **Work package title** | **Lead  project partner No**[[8]](#footnote-8) | **Lead project partner short name** | **Person-months**[[9]](#footnote-9) | **Start month**[[10]](#footnote-10) | **End month** |
| WP1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | TOTAL | |  |  |  |

**Table 4.2: Deliverables List**

|  |  |  |  |
| --- | --- | --- | --- |
| **Del. no.**[[11]](#footnote-11) | **Deliverable name** | **WP no.** | **Delivery date**[[12]](#footnote-12) |
| D1.1 |  | WP1 |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Table 4.3: List of milestones**

*Milestones are control points where decisions are needed regarding the next stage of the project. For example, a milestone may occur when a major result has been achieved, if its successful attainment is required for the next phase of work.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone number** | **Milestone name** | **Work package(s) involved** | **Expected date** [[13]](#footnote-13) |
| M1 |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

**Table 4.4: Work package description** *(for each work package, max.1 page per work package)*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Work package number** |  | | **Start date or starting event:** | | | |  | | |
| **Work package title** |  | | | | | | | | |
| **Project partner number** |  |  | |  |  |  | |  |  |
| **Project partner short name** |  |  | |  |  |  | |  |  |
| **Person-months per applicant:** |  |  | |  |  |  | |  |  |
| **Objectives** | | | | | | | | | |
| **Description of work** (possibly broken down into tasks) and role of applicants | | | | | | | | | |
| **Deliverables** (brief description and month of delivery) | | | | | | | | | |

## Impact (max. 4 pages)

Expected outcomes and expected impacts – contribution to the anticipated impacts at the Africa and/or international level of the relevant topic and sub-topic

1. *Indicate the Multi Annual Roadmap(s) to which your proposal relates and explain how your proposal addresses the specific challenge and scope of the MAR(s). Explain how the project would contribute to expected impacts at the European and African levels in line with the integrated strategy proposed in the Roadmap for a jointly funded AU-EU research & innovation partnership on climate change and sustainable energy (CCSE).*
2. *Explain how it supports the development of non-technological solutions to address environmental, social impact and health safety issues, within, if convenient, a life cycle analysis approach, or the development/deployment of tools, applications, and services that respond to population needs.*
3. *Describe how the gender dimension is considered, and if not, please justify.*
4. *Describe the measures you propose for dissemination and/or exploitation of project results, and how these will increase the project's impact. In designing these measures, you should consider various means of communication and target groups as appropriate (e.g. policy-makers, interest groups, media and the public).*
5. *Describe your plans for managing knowledge (intellectual property) generated during the project.*

## Quality and efficiency of the implementation (max. two pages)

1. *Please explain the differences and complementarity to a maximum of 5 other projects carried out by the consortium partners in the past three years. Include in particular all ongoing and completed projects of thematic relevance. A special focus should be placed on the results you intend to use for your project and potential synergies.*
2. *Describe how the project partners collectively constitute a consortium capable of achieving the project objectives, and how they are suited and committed to the assigned tasks. Show the complementarity between project partners in terms of expertise. Explain how the composition of the consortium is well-balanced in relation to the project's objectives.*
3. *If relevant, please describe possible ethical and/or regulatory issues and considerations, including authorisation requirements (scientific ethics and data security or other) and handling of health, environmental or ethical issues associated with the project (max ½ page).*
4. Justification of resources **(max. 1½ pages )**

*Please describe the projected costs and justify the requested funds on the separate Excel sheet. The sub-criteria “Value for money: the budget requested regarding the work plan and the research objectives will be part of the evaluation notation” is as important as the other sub-criteria. Reviewers will expect a high level of detail in the budget calculations and a clear and well-founded scientific justification.*

*Examples: What type of contract will be used for the temporary staff, for what duration, and for which task? What kind of equipment is needed, for which task, and why is purchasing preferred over renting? What kind of missions are planned (conferences, meetings, data collection, etc.), national or international, for how many people, how much time, and how many times?*

## References (max. two pages)

*List of the bibliographical references used in the full-proposal.*

*Please, provide “usable” references, i.e. including the first co-authors, complete title, title of the journal, year, etc. You can complete these references by indicating the « open access » link to improve reviewers' accessibility. Please note that these links do not replace the description of the expectations in the full-proposal. Preprints are allowed, especially those referencing preliminary data.*

*Impact factors should not be mentioned.*

1. Before completing, each partner should inquire the respective Funding Organization. [↑](#footnote-ref-1)
2. Select the main topic addressed by the proposal and one, or more, sub‐topics. [↑](#footnote-ref-2)
3. Type of organisations: SE = small enterprise; ME = medium-sized enterprise; LE = large enterprise; RO = research organisation, OTH = other type of organization. *Note: With regard to the size of companies, for all EU member states the current definitions of SMEs given in the EU competition law are applied (definition of small and medium-sized enterprises and of independent businesses in accordance with recommendation 2003/361/EC of the Commission dated 6 May 2003, [ABl. L 124 of 20.5.2003, pp. 36-41]; cf.* [*http://ec.europa.eu/enterprise/policies/sme/files/sme\_definition/  
   sme\_user\_guide\_en.pdf*](http://ec.europa.eu/enterprise/policies/sme/files/sme_definition/sme_user_guide_en.pdf)*).* [↑](#footnote-ref-3)
4. *If applicable. For partners from African countries without funding agency asking for funding, please LGI* [↑](#footnote-ref-4)
5. *TRL – Technology Readiness Level. See Appendix II.* [↑](#footnote-ref-5)
6. *A work package (WP) is a major sub-division of the proposed project with a verifiable end-point – normally a deliverable or a milestone in the overall project.* [↑](#footnote-ref-6)
7. *Work package number: WP 1 - WP n.* [↑](#footnote-ref-7)
8. *Number of the project partner leading the work in this work package.* [↑](#footnote-ref-8)
9. *The total number of person-months allocated to each work package.* [↑](#footnote-ref-9)
10. *Measured in months from the project start month (month 1).* [↑](#footnote-ref-10)
11. *Deliverable numbers in order of delivery dates. Please use the numbering convention <WP number>.<number of deliverables within that WP>. For example, Deliverable 4.2 would be the second deliverable from WP4.* [↑](#footnote-ref-11)
12. *Measured in months from the project start month (Month 1).* [↑](#footnote-ref-12)
13. *Measured in months from the project start month (Month 1)* [↑](#footnote-ref-13)