# 

**Europe-Africa Research and Innovation call on Renewable Energy**

**LEAP-RE**

Full proposal application form

*The project description cannot exceed a 30-page limit*

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 and industry)  Topic 6: Innovative solutions for priority domestic uses (clean cooking and cold chain) | | |
| Supplementary key words | *(max. 5)* | | |

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

1. ***Abstract***

*(Describe briefly the background, objectives, needs addressed, methodology, work planning, stakeholder involvement and expected impact of outcomes and potential benefits and suggested collaborative project; 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) | Gender (Female/ Male/ Non-binary) |
| Project Coordinator/Main Applicant |  |  |  |  |  |
| Project Partner 2 |  |  |  |  |  |
| Project Partner 3 |  |  |  |  |  |
| Project Partner 4 |  |  |  |  |  |
| Project Partner 5 |  |  |  |  |  |

*Please insert additional rows if necessary: place cursor in 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 objetives and 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 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, distinguishing, as appropriate, 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) which should follow the logical phases of the implementation of the project, and 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 WPs and their components (Gantt chart or similar)*

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

* + - *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 work package (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 complexity of the work and the overall value of the proposed project. 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 with regard to 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 |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**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 expected impacts at 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 that or those MAR(s). Explain how the project would contribute at the European and African level to expected impacts 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 is supporting 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 enabling to respond population needs*
3. *Describe how gender dimension is taken into consideration and if not, please justify*
4. *Describe the measures you propose for the dissemination and/or exploitation of project results, and how these will increase the impact of the project. In designing these measures, you should take into account a variety of communication means and target groups as appropriate (e.g. policy-makers, interest groups, media and the public at large).*
5. *Describe also your plans for the management of knowledge (intellectual property) acquired in the course of the project.*

## Quality and efficiency of the implementation (max. 2 page)

1. *Please explain the differences and complementarity to max. 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. 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 are committed to the tasks assigned to them. Show the complementarity between project partners. Explain how the composition of the consortium is well-balanced in relation to the objectives of the project.*
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)*

## References (max. 2 page)

*Add relevant references. The bibliography may include preprints that are yet to be published in a peer-reviewed journal, especially those referencing preliminary data. If available, please indicate the “open access” link to improve accessibility for the reviewers.*

1. Justification of resources **(max. 1 1/2 pages)**

*Please describe the projected costs and justify requested funds requested on the separate Excel sheets*

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 African countries partners without agencies asking for a funding, please indicate that here with the funding ask* [↑](#footnote-ref-4)
5. *TRL – Technology Readiness Level. H2020 definition available in Appendix II.* [↑](#footnote-ref-5)
6. *A work package 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 date (month 1).* [↑](#footnote-ref-10)
11. *Deliverable numbers in order of delivery dates. Please use the numbering convention <WP number>.<number of deliverable 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 date (Month 1).* [↑](#footnote-ref-12)
13. *Measured in months from the project start date (Month 1)* [↑](#footnote-ref-13)