**Positive Energy Districts and Neighbourhoods**

**Joint Call for Proposals**

**Proposal: Consortium and General Information[[1]](#footnote-1)**

**1. Project Overview**

|  |
| --- |
| **Project Short Title/Acronym**:  |
| **Project Full Title**:  |
| **Project Coordinator/Main Applicant:** [Organisation and name of the PI] |
| **Topics**: (tick the relevant topic(s))[ ]  Topic 1: PEDs towards climate neutrality: transforming existing urban neighbourhoods[ ]  Topic 2: Making PEDs happen: process innovation and business models |
| Keywords (max. 5): |
| **Type of project:**[ ]  Applied research[ ]  Innovation/implementation[ ]  Applied research and innovation/implementation |
| Total Project Costs in EUR: |  | Requested funds in EUR:  |  |
| Duration of the Project in months (max. 36): |  | Expected start:  | [MM.YYYY] |
| Total Effort in Person Months: |  | Expected end: (MM.YYYY) | [MM.YYYY] |

**2. Abstract**

*Short presentation of project content and goals (max. 200 words). The abstract should make clear the project’s goals.*

*N.B.: Questions and comments in blue may be overwritten or deleted. Please stick to the following formatting requirements: font size: 10 pt, line spacing: 1.15. Both formatting requirements as well as the maximum number of pages (specified in the respective chapters) help the Expert Panel members 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.***

**3. Summary for the General Public**

*Give a brief summary (maximum of 100 words) of your application for the general public. Please use simple and understandable language. If your application is successful, this summary may be used for publicity purposes.*

**4. Project Consortium**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Organisation | Type of organisation[[2]](#footnote-2) | Country / Funding agency  | Principal Investigator (first and sir name) |
| Project Partner 1 (main applicant) |  |  |  |  |
| Project Partner 2[[3]](#footnote-3) *(co-applicant or co-operation partner)* |  |  |  |  |
| Project Partner 3 *(co-applicant or co-operation partner)* |  |  |  |  |
| Project Partner 4 *(co-applicant or co-operation partner)* |  |  |  |  |
| Project Partner 5 *(co-applicant or co-operation partner)* |  |  |  |  |

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

**5. Quality of Work, Project Objectives and Targets (max. 4 pages including table 5.1)**

**5.1 Need for Solution and Competitive Edge**

*Give a detailed description of the project goals and planned results based on the description of the initial situation and the societal, social, economic, environmental, or technological problems and challenges related to the call topic(s) and to be solved in the project. Specifically go into the need for the solution, e.g. what is the need for city management or what are the needs for the citizens?*

*Clearly point out the innovative aspect in your approach taking into account the state of the art/knowledge (improvements from existing solutions/conditions, originality of approach, degree of novelty, technological leap). Indicate how it is positioned with respect to the state-of-the art and in particular, how it built on and complement existing knowledge and experiences as achieved in earlier relevant European, national and regional research and innovation (R&I) programmes, pilots and test implementations and field labs (see also section 5.4).*

**5.2 Project Realisation**

*Give a detailed description of how the project proposes to tackle the above described challenge. Comprehensibly describe the conceptual (scientific and/or technical) approaches you intend to use to achieve the defined goals and expected results.*

**5.3 Overall Project Type**

*Please describe the main reasons for the selected overall project type (cf. front page). Show to which range of research types from applied research to innovation/implementation you are referring to in your proposal.*

**5.4 Results from Other Projects**

*Please explain the differences 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. Use the description to underline that you have the expertise and experience to carry out the proposed project (supplementary to Chapter 12: Project Consortium and Management, Multi-actor Involvement and Trans-disciplinary Collaboration, Co-creation).*

*Use the following table to provide the relevant information:*

Table 5.1: Existing results and deliverables obtained from publicly funded projects which provide the basis of or feed into the proposed project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Funding provider** | **Project number** | **Title** | **Description of results already obtained and relevant deliverables (verifiable results / products of R&D work) in terms of the basis for / differentiation from the proposed project** | **Location and type of documentation****(e.g. link to homepage, publication, conference proceedings, interim report, final report, …)**  |
|  |  |  |  |  |
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|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**6. Added Value of International Co-operation (max. 1 page)**

*Describe the added value of the planned international co-operation with regard to the objectives of your project.*

**7. Key Activities (Work Programme)**

*A detailed work plan should be presented, broken down into work packages[[4]](#footnote-4) (WPs) which should follow the logical phases of the implementation of the project, and include project management and assessment of progress and results (please note that your overall approach to management will be described later, in section 12.2).*

*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 7.1)*
		- *Deliverables list (please use table 7.2)*
		- *List of milestones (please use table 7.3)*
		- *Description of each work package (please use table 7.4,* ***max. 1 page*** *per work package for all work packages but work package 2; please use table 7.5 for the description of work package 2)*
		- *Work package 2 is mandatory and used to present the experts nominated for the PED Expert Support Facility*

*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 7.1: Work package list

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Work packageNo**[[5]](#footnote-5) | **Work package title** | **Lead project partnerNo**[[6]](#footnote-6) | **Lead project partner short name** | **Person-months**[[7]](#footnote-7) | **Startmonth**[[8]](#footnote-8) | **Endmonth** |
|  |  |  |  |  |  |  |
| 2 | Expert Support Facility |  |  | 4 | 1 | 36 *(depending on the project duration* |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | TOTAL |  |  |  |

## Table 7.2: Deliverables List

|  |  |  |  |
| --- | --- | --- | --- |
| **Del. no.**[[9]](#footnote-9) | **Deliverable name** | **WP no.** | **Delivery date**[[10]](#footnote-10) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Table 7.3: 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 [[11]](#footnote-11)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Table 7.4: Work package description **(max. 1 page per work package)**

*For each work package:*

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

## Table 7.5: Work package description **(max. 1 page per work package)**

*For each work package:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Work package number**  | 2 | **Start date or starting event:** | Month 1 |
| **Work package title** | Expert Support Facility |
| **Project partner number** |  |  |  |
| **Project partner short name** |  |  |
| **Person-months per applicant:** | 2 | 2 |
| **Research type** | *Applied research or Innovation/implementation* |
| **Expert 1:** *Please state the name and shortly list the core expertise of the first expert nominated (key words). Please also upload her/his CV as an attachment via the electronic submission system. To which of the challenges and tasks listed below and in the call text (chapter 5.3) will the expert be able to contribute and which aspects of these tasks might be best suited for her/his expertise:**PED definition: system boundaries of PEDs, requirements for integration in regional/national/transnational energy systems, definition of consequences for energy policies (specifically the balancing of renewable energy on different spatial levels)**Mapping of PEDs and establishing a database**PED Toolbox: instruments for technical and social/governance issues, e.g. strategies for energy flexibility, qualitative and quantitative aspects or KPIs**Explication of PEDs as building blocks for climate-neutral cities: how should roadmaps towards obtaining district level certifications look like?* |
| **Expert 1:** *Please state the name and shortly list the core expertise of the second expert nominated (key words). Please also upload her/his CV as an attachment via the electronic submission system. To which of the challenges and tasks listed below and in the call text (chapter 5.3) will the expert be able to contribute and which aspects of these tasks might be best suited for her/his expertise:**PED definition: system boundaries of PEDs, requirements for integration in regional/national/transnational energy systems, definition of consequences for energy policies (specifically the balancing of renewable energy on different spatial levels)**Mapping of PEDs and establishing a database**PED Toolbox: instruments for technical and social/governance issues, e.g. strategies for energy flexibility, qualitative and quantitative aspects or KPIs**Explication of PEDs as building blocks for climate-neutral cities: how should roadmaps towards obtaining district level certifications look like?* |

**8. Ethical and Regulatory Considerations, Data Management (max. ½ page)**

*If relevant, please describe possible ethical and/or regulatory issues and considerations including authorisation requirements (scientific ethics, data security and use of laboratory animals or other) and handling of health, environmental or ethical issues associated with the project. Also provide a brief outline of the data management strategy you plan to implement within your project.*

**9. Relevance – Contribution of the Project to the Aims of the Call (max. 1 page)**

*Describe how and to what extent the project addresses the chosen call topic(s). Furthermore, describe how the project contributes to the aims of the call.*

**10. Gender and Diversity Aspects (max. 1 page)**

*Describe the ways in which gender and other diversity perspectives (age, ethnicity, and nationality) are relevant to the project content. Also describe the diversity of the project consortium.*

**11. Impact of the Project (max. 2 pages)**

**11.1 Expected Impacts**

*Give a detailed description of how the sustainability of the solution after the project finalisation is foreseen and what the societal, environmental and economic impact is expected to be. Describe the extent to which the project is likely to be a value to potential user communities (e.g. governmental or non-governmental organisations, communities, private companies, citizens, end users, other relevant stakeholders like local transport authorities, etc.). How do you estimate the potential market for the project results? Where this is of relevance to the research project and its implementation: Will the project have an impact with broader geographical spread over the globe?*

**11.1 Dissemination and/or Exploitation of Project Results, and Management of Intellectual Property**

*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).*

*Describe also your plans for the management of knowledge (intellectual property) acquired in the course of the project.*

**12. Project Consortium and Management, Multi-actor Involvement and Trans-disciplinary Collaboration, Co-creation**

**12.1 Consortium Resources (max. 1 page)**

*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. Describe the approach of your proposal according to multi-actor involvement and trans-disciplinary collaboration (including the integration across the natural sciences [including engineering], arts and humanities, and economic and social sciences) and co-creation.*

*If appropriate, describe the industrial/commercial/societal involvement to ensure exploitation of the results, and how the opportunity of involving SMEs has been addressed.*

*Letters of intent can be attached to the application to stress the support of the stakeholders.*

**12.2 Management Structure and Procedures (max. 1 page)**

*Describe the organisational structure and decision-making mechanisms of the project. Show how they are matched to the complexity and scale of the project.*

**12.3 Individual Project Partners**

*For each partner in the proposed project, provide a brief description of the legal entity, the main tasks they have been attributed, and the previous experience relevant to those tasks (including brief CV and main publications). If applicable, include a description of previous work with cities and other relevant stakeholders. Provide also a short profile of the staff members who will be undertaking the work. (Maximum length for Section 12.3:* ***one page per project partner****. However, where two or more departments within an organisation have quite distinct roles within the proposal, one page per department is acceptable. The maximum length applying to a legal entity composed of several members, each of which is a separate legal entity, is one page per member, provided that the members have quite distinct roles within the proposal.)*

*Please also include Self-Funded partners in this part (if applicable).*

*Sub-contracting: If any part of the work is to be sub-contracted by the applicants responsible for it, describe the work involved and explain why a sub-contract approach has been chosen for it.*

**13. Justification of Resources (max. 1 ½ pages)**

*Please motivate the projected costs as indicated in the budget table (cf. separate Excel sheet).*

**14. References (max. 2 pages)**

*Add relevant references (bibliography of works and sources cited in the proposal).*

1. Detailed financial information must be given in the separated Excel sheet. [↑](#footnote-ref-1)
2. Type of organisations: SE: small enterprise; ME: medium-sized enterprise; LE: large enterprise; REC: research centres, HES: secondary or higher education, PUB: public bodies, OTH: other non-profit legal entities. *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-2)
3. Please state if the “Project Partner” is a co-applicant or a co-operation partner [↑](#footnote-ref-3)
4. 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-4)
5. Work package number: WP 1 - WP n. [↑](#footnote-ref-5)
6. Number of the project partner leading the work in this work package. [↑](#footnote-ref-6)
7. The total number of person-months allocated to each work package. [↑](#footnote-ref-7)
8. Measured in months from the project start date (month 1). [↑](#footnote-ref-8)
9. 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 work package 4. [↑](#footnote-ref-9)
10. Measured in months from the project start date (month 1). [↑](#footnote-ref-10)
11. Measured in months from the project start date (month 1) [↑](#footnote-ref-11)