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| C:\Users\Admin\Desktop\PhD-05_04_2020\Proposals - Projects\TERMINET\logo1.PNG**nexT gEneRation sMart INterconnectEd ioT** |
| **Open Call** TERMINET Cascade Funding  |
| Full Title of your proposalAcronym of your proposal (optional) |
| Call[[1]](#footnote-1) - Identifier[[2]](#footnote-2) | TERMINET-OC2022 |
| Date of preparation of your proposal: | dd/mm/2022 |
| Version number (optional): |  |
| Your organisation name: | Organisation Name |
| Type of organization:[Public, Private, research, etc.]  | Organisation Type |
| Participant Identification Code (PIC): | PIC  |
| Country: | Country |
| Name of the contact person: | First name Last name |
| Contact person telephone number: | Tel. Number |
| Contact person email:[This is the email address to which the Acknowledgment of receipt will be sent] | Email address |

Note: Grey highlighted areas need to be filled. (Download the template from <https://terminet-h2020.eu/open-call-templates/> )

**Section A: Project Summary**

*(Maximum 300 words – summary of the proposed work)*

Remark: The information in this section may be used in public documents and reports by the TERMINET consortium.

**Section B: Detailed description and expected results**

*(minimum 4 pages, and maximum 8 pages)*

*This section describes the details on the planned Experiment (what does the proposer hope to obtain?, how?, why is it relevant?). This section should also include all information with respect to the State-of-the-Art and the expected scientific or business impact.*

* **B.1.Concept and objectives**

*Describe the specific objectives of the proposed project, which should be clear, measurable, realistic and achievable within the duration of the project (not through subsequent development). Show how they relate to the topic(s) addressed by the competitive call and how and why TERMINET is needed for realizing them.*

*Describe and explain the overall concept that forms the basis for your project. Describe the main ideas, models or assumptions involved.*

* **B.2.Impact**

*Describe the potential that the project will be used by future next generation smart interconnected IoT experimenters from the broader scientific community as well as developers from industry, in particular individuals and SMEs.*

*Show that the proposed project has sufficient sustainable benefits for the TERMINET project, meaning that there should be an added value for the TERMINET project, after the proposer has finished his project*.

* **B.3.Description of State-of-the-Art**

*Describe in detail how the project will advance existing software, hardware and/or experimental platforms, and to which extent the functionality added by the proposed project is different from the functionality that is already available in existing work.*

* **B.4.Methodology and associated work plan**

*Provide a work plan. Provide clear goals and verifiable results, and also a clear timing. Expected outputs should be described along with a risk assessment which may affect the project (external factors, leave of personnel etc.)*

*The work plan involves at least the following phases:*

1. *Design of project*
2. *Executing the project*
3. *Analysis & feedback*
* *Analysis of the results of the project*
* *Feedback on user experience*
* *Recommendations for improvements and/or future projects of TERMINET outputs*
1. *Showcase: Set up of a showcase (demonstration) to be used for the evaluation of the project at the review meeting with the European Commission, and for further promotion of TERMINET*
2. *Dissemination: Regular dissemination actions (journal publications, conferences, workshops, exhibitions, events, advertising of results at TERMINET website, etc.)*
3. *Final report, code and documentation*

*Remark: there is NO need to define work packages or deliverables. All results need to be reported in the final report at the end of the project. Of course, a good communication plan with the Patron is required to exchange progress within different phases.*

* **B.5.Data plan for protection and privacy**

*Describe the potential data that the project will use and their manipulation process. (In case of sensitive data, how does the proposal align with EU/country legislation?). The data handling plan can include measures, procedures and strategies that the project will follow for ensuring the proper collection and usage of data.*

**Section C: Requested TERMINET software platforms, hardware platforms and testbeds (if Applicable)**

*(Target length 1 page)*

*If applicable to your project please check the TERMINET software platforms, hardware platforms and testbeds**that will be required for your project.*

Table 1: TESTBEDS

|  |  |
| --- | --- |
| **TESTBEDS**  | **Required (Yes/No)** |
|  |  |
|  |  |
|  |  |

Table 2: HARDWARE PLATFORMS

|  |
| --- |
| **HARDWARE PLATFORMS** |
| **Hardware**  | **Type** | **Number of nodes required** |
|  |  |  |
|  |  |  |
|  |  |  |

Table 3: SOFTWARE

|  |
| --- |
| **SOFTWARE**  |
| **OPERATING SYSTEMS** | **Required (Yes/No)** |
|  |  |
|  |  |
|  |  |
| **PLATFORMS** | **Required (Yes/No)** |
|  |  |
|  |  |
|  |  |

*Please provide a short motivation on why specific testbeds, hardware platforms and software platforms will be required for the proposed Experiment. (maximum ½ page)*

**Section D: Background and qualifications**

*(maximum 2 pages)*

*This section describes the proposer and includes an overview of the activities, the proposer’s qualifications, technical expertise and other information to allow the reviewers to judge the proposer’s ability to carry out the project. The proposer should also describe (if applicable) any relevant experience/relevance with similar projects.*

**Section E: Expected feedback to the TERMINET Consortium**

*(maximum 1 page)*

*This section contains valuable information for the TERMINET consortium and should indicate the expected feedback the TERMINET consortium can expect from the use of its software tools, hardware platforms and/or testbeds after carrying out the project. This information is essential in view of further improving the outcome of the TERMINET project.*

**Section F: Requested funding**

*(maximum 1 page)*

*This section provides an overview of the budgeted costs and the requested funding. A split is made in personnel costs, other direct costs (travel, consumables, etc.) and indirect costs.*

*Besides the table below, extra information can be provided to support the requested funding and which may help to judge the cost to the TERMINET project.*

*Please show your figures in euros (not thousands of euros).*

Table 4: Costs

|  |  |  |
| --- | --- | --- |
|  | **Total PM** | **Cost (**€**)** |
| (1) Direct personnel costs |  |  |
| (2) Other direct costs, of which: |  |
|  Travel |  |
|  Equipment |  |
|  Other goods and services |  |
| (3) Indirect costs  |  |
| (4) Total costs (Sum of 1, 2 and 3) |  |

*In row (1), insert your direct personnel costs for the work involved.*

*In row (2), insert any other costs, for example travel or equipment costs. Please allocate sufficient budget for participation at the final review meeting, and visit(s) to TERMINET partners, in case this is required in view of advanced support by the Patron.*

*In row (3), calculate the indirect costs (for personnel and other direct costs).*

*In row (4), calculate the sum of your personnel, other direct costs, and indirect costs.*

*The maximum funding which is allowed in this call is set at 100 000 € for project.*

*In view of the review of your proposal it is best to list the costs related to the proposed project as would be done for any European Project.*

**Section G: Use of proposal information**

|  |  |
| --- | --- |
| I allow that the material provided in Sections A, C, and E of this proposal may be accessed by the TERMINET consortium, also if the proposal is not selected for funding. In any case, the TERMINET consortium will treat all this information confidentially. It will be used within the TERMINET project as input for tasks related to testbed and software platform optimisations, sustainability studies, etc. The same information can also be used in an anonymous way to create statistics and reports about this open call.  | Yes   |
| Furthermore, I allow that the other parts of this proposal may be accessed by the TERMINET consortium, also if the proposal is not selected for funding. In any case, the TERMINET consortium will treat all information of this proposal confidentially. Any use of this information will be discussed and agreed upon with the proposers.  | Yes   |  No  |

*Remark: In this section, the proposing party is asked to define how the information of their proposal will be shared within the TERMINET consortium. Proposals are treated in a confidential way, meaning that only successful proposals must be disclosed to the TERMINET consortium. Open calls previously organised by other projects were very successful and have revealed that many submitted non-granted proposals also contain very interesting and valuable information that could be used for setting up collaborations or to extract ideas for further improving the TERMINET outcomes. Therefore, the TERMINET project would like to have the opportunity to collect more detailed information and further use this information, also if the proposal is not selected for funding. In any case, the TERMINET consortium will treat all information of a proposal confidentially. Two types of information usage are envisaged:*

* *Information which is part of the Sections A, C, and E will be used within the TERMINET project as input for tasks related to testbed and software platform optimisations, sustainability studies, etc. The same information can also be used in an anonymous way to create statistics and reports about this open call. All proposals submitted to this competitive open call are obliged to allow this form of information access and usage.*
* *Other information belonging to this proposal might also be accessed by the TERMINET consortium, if allowed by the corresponding proposer. Any use of such information will be discussed and agreed upon with the proposers. Proposers have the freedom to select if they wish to support this kind of information usage.*
1. This call: TERMINET-OC2022 [↑](#footnote-ref-1)
2. TOP as ‘Topic’ followed by the number of the topic applying for: TOP1 - Service deployment across the edge computing and IoT nodes and SDN control enablement for validation over the TERMINET architecture and use cases; TOP2 - Security by design models, e.g., lightweight crypto schemes and authentication frameworks designed for mobile IoT devices and edge nodes; TOP3 - Security and Privacy via blockchain technologies and new generation of Ricardian Smart Contracts; TOP4 - Federated models and machine learning algorithms coming from different domains than those involved in TERMINET for testing, validating, and demonstrating their performance in the TERMINET use case.

 [↑](#footnote-ref-2)