FLAG–ERA JTC 2016 Proposal

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Acronym** | | | | |  | |
|  | | | | | | |
| **Project Full Title** | | | | |  | |
|  | | | | | | |
|  | | | | | |  |
| **Topic**  **(select one)** | | ICTSS (ICT for Social Sciences)  HESN (High-Efficiency Sensor Networks)  DMC (Digital Medicine for Cancer)  CR (Cooperative Robots) | | | | |
|  |  | |  | | | |
| **Duration** | | 36 | | months | | |

Partners and participants involved in the project

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

*Use as many lines as needed*

Summary of the project**[[4]](#footnote-4)** *(publishable abstract, max. 3000 characters):*

Keywords *(publishable, recommended: 3-5 keywords):*

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***General recommendation:***

1. *Please follow the recommended length for each section. The total recommended length for the core proposal is about 40 pages. Additional documents can be included in appendix to support the core proposal, but the role of the appendix is not to extend the proposal, and evaluation will be essentially based on the core proposal (cf. section 7).*
2. *Please complete all sections. For the evaluation criteria, please refer to the call announcement. Your proposal should include all details required.*

# Section 1: Relevance to the call

## Relevance to the general call objectives

### Overall concept of the project

*(~ ½ page)*

*Describe the concept of the project: why a Flagship-proof-of-concept project is needed, what is the rationale of your project to address the overall goals of this Call, what are the key innovative factors of your project.*

### Federative character of the proposed activities

*(~ ½ page)*

*Describe how the proposed project can attract, leverage or federate other initiatives, programmes and projects at the regional, national, European or international level.*

### Transformative character of the proposed activities

*(~ 1 page)*

*Describe how the proposed activities are complementary with existing initiatives and have a transformative character with a high potential impact, in particular through changes of organisation and practices (e.g., by bringing together different disciplines or by developing new methodologies, evaluation metrics, benchmarking protocols, data production and sharing protocols, test platforms, and other tools supporting coordination of efforts and reproducibility of experiments, novel approaches to academia-industry co-operation for enabling disruptive product and process innovation, creation of new markets, new companies, etc.).*

### Long-term plans beyond the project

*(~ 1 page)*

*Describe long-term plans to further develop research and innovation in the domain beyond the proposed project, and how these plans can be updated at the end of the project by taking into account its outcomes.*

## Relevance to the topic

*(~ 1 page)*

*Explain how the proposal addresses the specific scope of the topic.*

# Section 2: S/T Quality

## Objectives of the project

*(~ 2-3 pages)*

*Describe the specific objectives for the project. These objectives should be clear, measurable, realistic and achievable within the duration of the project. Provide a SWOT table to outline which are the main strengths, weak points, opportunities and threats of your project in its 3-year timeframe.*

## State of the art and expected progress beyond state of the art

*(~ 1 page)*

*Describe background, state of the art and expected progress beyond state of the art. Quantitative information must be provided.*

## Description of the project approach and method

*(~ 1 page)*

*Describe the overall approach and methodology, and explain their relevance to the objectives. Describe in particular the balance between pure coordination and networking activities and scientific and technical activities serving the goals of the project and of the call.*

# Section 3: Implementation

## Work plan and work packages

### Work plan

*(~ 1 page)*

*Describe the general work plan. Please provide a general overview of the work plan and a timing of the different work packages and their components (Gantt chart or similar) and a graphical presentation of the components showing how they inter-relate (Pert chart or similar).*

### Milestones

*(~½ page)*

List of milestones[[5]](#footnote-5):

|  |  |  |  |
| --- | --- | --- | --- |
| **No of Milestone** | **Delivery month** | **WP involved** | **Title** |
| **M1** |  |  |  |
| **M2** |  |  |  |
| **M3** |  |  |  |

*Use as many lines as needed but try to limit the number of milestones*

### Work Packages

*Provide a description of each work package and a list of work packages (templates provided).*

(*up to 1 page per WP*)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WP 1** | | **WP Title** | | | | | | | | | Start month | | End month |
| **Contribution of project partners** | | | | | | | | | | | | | |
| Partner number[[6]](#footnote-6) | | | | 1 | | 2 | 3 | 4 | 5 | 6 | | 7 | 8 |
| Total effort per partner (Person\*months) | | | |  | |  |  |  |  |  | |  |  |
| **Aim of the WP**  *Description of the objectives and expected results of the WP and the interrelation with other WPs.* | | | | | | | | | | | | | |
| **Tasks** | | | | | | | | | | | | | |
| **T1.1** | **Task title (Start month – end month: Responsible partner; Involved partners)[[7]](#footnote-7)**  *Description of work and role of participant* | | | | | | | | | | | | |
| **T1.2** | **Task title (Start month – end month: Responsible partner; Involved partners)7**  *Description of work and role of participant* | | | | | | | | | | | | |
|  | *Use as many lines as needed* | | | | | | | | | | | | |
| **Deliverable** | | | **Month of delivery** | | **Title of deliverable** | | | | | | | | |
| **D1.1** | | |  | |  | | | | | | | | |
| **D1.2** | | |  | |  | | | | | | | | |
|  | | |  | | *Use as many lines as needed* | | | | | | | | |

*Use as many WP templates as needed*

Work package overview: Total effort per WP and partner (in Person-Months)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| project-partner | WP1 | WP2 | WP3 | WP4 | WP5 | WP6 | total |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |
| total |  |  |  |  |  |  |  |

*Use as many lines and columns as needed*

## Organisational and management structure

*(~ 1 page)*

*Describe the organisational structure, management structure and decision-making procedures.*

## Consortium

### Description of the consortium

*Describe expertise and role in the project for each partner (max. 1 page per partner). The information provided here will be used to judge the operational capacity.*

*Use this template for the coordinator*

|  |  |
| --- | --- |
| **Partner 1**  Project Coordinator | **Organisation Full name / Department** |
| **Expertise:**  *Expertise of the organisation related to the project objectives.*  *For the principal investigators give a brief CV highlighting research experience and list the 5 most important publications of the last three years* | |
| **Role in project:** | |

*Use this template if this partner is requesting funding*

|  |  |
| --- | --- |
| **Partner n** | **Organisation Full name / Department** |
| **Expertise:**  *Expertise of the organisation related to the project objectives.*  *For the principal investigators give a brief CV highlighting research experience and list the 5 most important publications of the last three years* | |
| **Role in project:** | |

*Use as many partner template as needed*

*Use this template if this partner is not requesting funding but still essential to the project and committed to sign the project consortium agreement (cf. section 3.3.4 for other organisations interested in the project).*

|  |  |
| --- | --- |
| **Partner n** | **Organisation Full name / Department** |
| **Expertise:**  *Expertise of the organisation related to the project objectives.*  *For the principal investigators give a brief CV highlighting research experience and list the 5 most important publications of the last three years* | |
| **Role in project:** | |
| **Funding:**  *Explain how the partner is able to secure its own funding (a letter of commitment or documentation about the funding can be provided in appendix if deemed relevant)* | |

*Use as many partner template as needed*

### Added value of the collaboration, including multidisciplinarity and European dimension

*(~ ½ page)*

*Describe the added value of the consortium as a whole (including complementarity, balance). Indicate the contribution of the project, at the European and/or international level, to the expected impacts.*

### Consortium agreement principles (partner’s rights and duties, IPR management)

*(~ ½ page)*

### Organisations interested in the project beyond the consortium members

*(~ ½ page)*

*Mention organisations which have expressed interest in the project and are willing to participate to some of its activities, while not being consortium members. Letters of support can be provided in appendix. Such organisations can typically be invited to meetings and workshops organised by the project. However, the core scientific and technical objectives of the project should not rely on such invited partners.*

### Significant facilities and equipment

*(~ ½ page)*

*Describe any significant facilities and large equipment available to the consortium to perform the project.*

## Financial plan

*(~ 2 pages)*

*Describe the overall project costs and requested funding, for each partner and each type of resource (Personnel, Consumables, Equipment, Travel, Subcontracting, Provisions, Licensing fees, other), and justify the requested funding. Note that figures for each project partner and type of resource must also be filled in directly in the Evaluation and Submission System (ESS) by the coordinator.*

## Link with on-going projects

*(~ 1 page)*

*Indicate if on-going projects are linked to the proposed project and how such cooperation will be developed and managed, e.g. which activities will be coordinated with other projects, which results will be shared, how relationships will be managed to ensure proper management of resources and intellectual property rights, etc.*

## Risks and mitigation plans

*(~ 1 page)*

*Describe the main risks associated both to the networking activities and to the scientific and technological activities of the project in its 3-year timeframe. For each of the identified risks, provide a short description of an appropriate mitigation plan which could keep the project in line with its overall goals.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Likelihood (low, medium, high)** | **Impact (low, medium, high)** | **Mitigation plan** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

*Use as many lines as needed*

# Section 4: Impact

## Expected short-term impacts

*(~ 1 page)*

*Describe the expected scientific or societal impacts of the proposed project, providing only information that applies to the proposal and its objectives. Wherever possible, use quantified indicators and targets.*

## Expected long-term impacts

*(~ 1 page)*

*Provide a synthetic description of what the impact could be n a 10-year perspective assuming the proposed effort for promoting a long-term federation the research community to focus on the proposed research and innovation roadmap is successful.*

## Dissemination and exploitation of results

*(~ 1 page)*

*Provide a plan for disseminating and exploiting the project results.*

# Ethical issues

*Describe any foreseeable ethical issue that may arise during the course of the research project. Describe all mitigation strategies employed to reduce ethical risk, and justify the research methodology with respect to ethical issues*.

# References

*(Recommended maximum: 30 references)*

# Appendix

*Provide any additional document supporting the core proposal, such as letters of commitment from self-funded consortium partners or letters of support from potential associated partners not included in the consortium. This appendix is not counted in the 40 page length recommendation. However, its role is not to extend the proposal, and evaluation will be essentially based on the core proposal. In particular, information provided in the appendix which is essential for the evaluation should appear in the core proposal, with a pointer to the relevant part of the appendix. As an example, if copies of letters of support are provided in appendix, the list and main features of these letters should appear in the core proposal.*

1. *The Principal Investigator (PI) is the point of contact of the partner for the corresponding National or Regional Funding Organisation.* [↑](#footnote-ref-1)
2. *A co-investigator is a known scientist and/or group leader making a substantial contribution to the project.* [↑](#footnote-ref-2)
3. *If the name is for the moment unknown, specify the level of expertise sought (PhD, post-doc, engineer, professor…)* [↑](#footnote-ref-3)
4. *Be precise and concise. This summary will be used to select suitable reviewers for the proposal.* [↑](#footnote-ref-4)
5. *A milestone is a major and visible achievement in the project. It should be SMART (****S****pecific,* ***M****easurable,* ***A****ttainable,* ***R****elevant,* ***T****ime-bound).*  [↑](#footnote-ref-5)
6. **Bold** the partner number of the work package leader [↑](#footnote-ref-6)
7. *For instance: T1.1 Development of something (M3-M6; Responsible: 3; Involved: 1, 4)* [↑](#footnote-ref-7)