**ANNEX 2: TEMPLATE FOR SUBMITTING AN EXPRESSION OF INTEREST**

**TO COORDINATE A PROJECT WITHIN THE FUTURE ECSEL JOINT UNDERTAKING**

# ESSENTIALS

## Essential data

|  |  |
| --- | --- |
| Project acronym |  |
| Project full title |  |
| Topic(s) | *Refer to Topic list, In order of importance to the project* |
| Start Date of Project |  |
| Duration of project in months |  |
| Coordinator (company) |  |
| Project coordinator (person responsible for this project) |  |
| Tel |  |
| Email |  |

## List of participants

|  |  |  |  |
| --- | --- | --- | --- |
| **Participant number** | **Participant name** | **Participant short name** | **Country** |
| 1 (Coordinator) |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| ….. |  |  |  |

## Area addressed

*The participants are invited to check the area predominantly addressed by the proposal (more than one check allowed if another area is addressed with equivalent intensity):*

(a) design technologies, process and integration, equipment, materials and manufacturing for micro- and nanoelectronics while targeting miniaturisation, diversification and differentiation, heterogeneous integration;

(b) processes, methods, tools and platforms, reference designs and architectures, for software and/or control-intensive embedded/cyber-physical systems, addressing seamless connectivity and interoperability, functional safety, high availability, and security for professional and consumer type applications, and connected services; and

(c) multi-disciplinary approaches for smart systems, supported by developments in holistic design and advanced manufacturing to realise self-reliant and adaptable smart systems having sophisticated interfaces and offering complex functionalities based on, for example, the seamless integration of sensing, actuating, processing, energy provision and networking.

# PUBLISHABLE PROJECT SUMMARY

*Recommended length is 200 words.*

*This section should be of suitable quality to enable direct communication by ECSEL JU to the ECSEL Member States and the European Commission. Ensure that it is set out and formatted so that it can be printed as a stand-alone paper document.*

# EXCELLENCE

## 3.1 Objectives

*Recommended length is 75 words.*

*Describe the results: they must be specific, clear, measurable, realistic, verifiable, and achievable within the duration of the project consistent with the expected exploitation and impact of the project.*

## 3.2 Relation to the Work Programme

*Recommended length is 75 words.*

*Indicate the work programme topic to which your proposal relates,*

## 3.3 Concept and approach

*Recommended length is 300 words.*

*Explain the overall concept underpinning the project, the main ideas, models or assumptions involved.*

*Position the project with respect to the Technology Readiness Levels and within the European industrial research and development context, mentioning any national or international research and innovation activities which linked with the project, especially where the outputs from these will feed into the project.*

## 3.4 Ambition

*Recommended length is 150 words.*

*Describe the “baseline” against which the project will measure its progress; describe the advance this proposal would provide beyond the state-of-the-art, highlighting the ground-breaking nature of the objectives, concepts involved, issues and problems to be addressed, and approaches and methods to be used. Novel application or integration of existing technologies, alongside new technologies, in new domains or for improving efficiency in existing domains are considered here valid advances on the State of the Art.*

# IMPACT

## 4.1 Expected impacts

*Recommended length is 150 words.*

*Provide specific information that applies to the proposal and its objectives using, wherever possible, quantified indicators and targets. If applicable, describe contribution to the European ICT ecosystem.*

## 4.2 Dissemination and communication activities

*Recommended length is 150 words.*

*List main actions planned for the dissemination of the project's results addressing potential users and uses including research, commercial, investment, social, environmental, policy making, setting standards, skills and educational training, addressing various audiences beyond the project's own community. Where relevant, include measures for public/societal engagement on issues related to the project.*

## 4.3 Exploitation

*Recommended length is 150 words.*

*Describe the exploitation of the project's results proportionate to the scale of the project, containing measures to be implemented both during and after the project. Show how project results would be used to produce innovative products, processes or services that have a significant market potential, how the project will facilitate the introduction and the enablement of new, more competitive practices and methodologies.*

# IMPLEMENTATION

*The proposal should address questions such as the following.*

## 5.1 Work Plan

*List the intended work packages (WPs) including consortium management and assessment for progress and results. List main deliverables and milestones. The details per work package are NOT requested at this stage.*

## 5.2 Management structure and procedures

*Recommended length is 150 words.*

*Describe in generic terms the organisational structure and the decision-making. The details are NOT requested at this stage.*

## 5.3 Consortium as a whole

*Recommended length is 300 words.*

*Describe the consortium and the way its members contribute to the project. Describe the industrial/commercial involvement in the project to ensure exploitation of the results. Show how the opportunity of involving SMEs has been addressed.*

# ADDITIONAL TABLES

*Following tables need to be provided:*

* *Table 6.1:Estimated eligible costs per consortium member based on the H2020 Funding rules, broken down in personnel, subcontracting, other direct cost, indirect cost, specific costs*
* *Table 6.2: Estimated eligible costs per consortium member based on the national rules, broken down according to the national cost reporting.*