**PROPOSAL DESCRIPTION**

*Provide a detailed technical description of the proposal (****sections 1-3****), jointly filled in by all partners* ***(Calibri, 11pt, single spaced; the template’s margins of the page should be kept).*** *The* ***maximum number of pages of sections 1-3 is 30, including pictures/images/graphs/tables and excluding Gantt Chart, References and Ethics Issue Table.*** ***Please see more details in the Guide for proposal submission. (These sentences can be erased)***

**1. SCIENTIFIC AND/OR TECHNOLOGICAL EXCELLENCE**

**1.1 - Objectives** **with detailed account of their relationship to the call topic and expected impact.**If applicable, indicate if a similar proposal has been submitted to previous ERA-MIN calls. If this is the case, please provide details on how the recommendations of the evaluation were addressed in the appropriate sections of this form.

**1.2 - Research methodology and approach, highlighting the type of research and innovation activities proposed**

**1.3 - Current state-of-the-art and progress beyond the state-of-the-art; originality and/or innovation of the concept and approach. If applicable, indicate start and target TRL.**

**1.4 - Consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge.**

**2. IMPACT**

**2.1 - Expected outcomes and impacts – contribution to the expected impacts at European and/or international level of the relevant topic and sub-topics.**

**2.2 - Expected outcomes and impacts – enhancing innovation capacity, creating new market opportunities, strengthening competitiveness and growth of companies, address issues related to barriers/obstacles, and any framework conditions such as regulation, standards, public acceptance, workforce considerations, financing of follow-up steps, cooperation of other links in the value chain, or bring other important benefits for society.**

**2.3 - Proposed activities for exploitation, dissemination and communication of project results to different target audiences including the wider society.**

**2.4 - Contribution to the Strategic Implementation Plan of the European Innovation Partnership on Raw Materials [[1]](#footnote-1)and the ERA-MIN Research Agenda[[2]](#footnote-2).**

**2.5 - Contribution to the development of non-technological solutions to address environmental, social impact and health safety issues, within a life cycle analysis approach, or the development/deployment of tools, applications, and services enabling circular economy strategies.**

**3. QUALITY AND EFFICIENCY OF THE IMPLEMENTATION**

**3.1 – Work Plan. Provide a detailed work plan description. (\*) List all the partners and associated partners involved in the Work Packages and/or tasks, write in bold the lead partner**.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Work Package/Task No.** | **WP Title, Objectives and Description (type of activity/TRL)/Task Title and Description** | **Start Month** | **End Month** | **Partner (\*)** | **Person-**  **Months** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Table of person-months** - **List all the partners and associated partners (if applicable) of the consortium and indicate the total person-months considering their participation in all Work Packages.**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Partner name/acronym** | **Country/region** | **Total person-months** |
|  |  |  |  |
|  |  |  |  |

**Table of Deliverables**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **WP** | **Lead Partner** | **Deliverable title and description** | **Due month** |
|  |  |  |  |  |
|  |  |  |  |  |

**Table of Milestones**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **WP** | **Lead Partner** | **Milestone title and description** | **Due month** |
|  |  |  |  |  |
|  |  |  |  |  |

**3.2 – Description of project management structures and procedures, including risk and innovation (including IPR) management. Include a brief description of the principles of the Consortium Agreement**.

**Table of Risk Assessment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Work Package(s) involved** | **Description of risk** | **Level of likelihood:** Low/Medium/High | **Proposed risk-mitigation measures\*** |
|  |  |  |  |  |
|  |  |  |  |  |

*\* Risk mitigation measures are defined as actions to be undertaken in order to minimise the likelihood of a specific risk to materialise.*

**3.3 –** **Describe the expertise of the consortium partners, and how their complementary profiles contribute to the successful implementation of the project** (including distribution of tasks and efforts between partners).

**GANTT CHART**

*Include the Gantt chart as an image from the excel file provided (this sentence can be erased).*

**References**

*This section should not exceed a maximum of two pages (this sentence can be erased).*

**Ethics Issues Table**

|  |  |  |
| --- | --- | --- |
| **Ethic Issues** | **Yes/No** | **Proposal section nº** |
| **1. HUMAN EMBRYOS/FETUSES** | | |
| Does your research involve Human Embryonic Stem Cells (hESCs)? | Yes | Nº |
| Does your research involve the use of human embryos? | Yes | Nº |
| Does your research involve the use of human fetal tissues/cells? | Yes | Nº |
| **2. HUMANS** | | |
| Does your research involve Human participants? | Yes | Nº |
| Does your research involve physical interventions on the study of participants? | Yes | Nº |
| Does it involve invasive techniques? | Yes | Nº |
| **3. HUMAN CELLS/TISSUES** | | |
| Does your research involve human cells or tissues?  *If your research involves human embryos/fetuses, please also complete section “Human Embryos/Fetuses” [Box 1].* | Yes | Nº |
| **4. PROTECTION OF PERSONAL DATA** | | |
| Does your research involve personal data collection and/or processing? | Yes | Nº |
| Does your research involve further processing of previously collected personal data (secondary use)? | Yes | Nº |
| **5. ANIMALS** | | |
| Does your research involve animals? | Yes | Nº |
| **6. NON-EU COUNTRIES** | | |
| Does your research involve non-EU countries? | Yes | Nº |
| Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna, or flora samples, etc.)? | Yes | Nº |
| Do you plan to import any material – including personal data – from non-eu countries into the EU? *If you consider importing data, please also complete section “Protection of Personal Data” [Box 4].* | Yes | Nº |
| Do you plan to export any material – including personal data – from the EU to non-EU countries? *If you consider exporting data, please also complete section “Protection of Personal Data” [Box 4].* | Yes | Nº |
| If your research involves low and/or lower middles income countries, are benefits-sharing measures foreseen? | Yes | Nº |
| Could the situation in the country put the individuals taking part in the research at risk? | Yes | Nº |
| **7. ENVIRONMENT PROTECTION** | | |
| Does your research involve the use of elements that may cause harm to the environment, to animals or plants? | Yes | Nº |
| Does your research deal with endangered fauna and/or flora and/or protected areas? | Yes | Nº |
| Does your research involve the use of elements that may cause harm to humans, including research staff? | Yes | Nº |
| **8. DUAL USE** | | |
| Does your research have the potential for military applications? | Yes | Nº |
| **9. MISUSE** | | |
| Does your research involve have the potential for malevolent/criminal/terrorist abuse? | Yes | Nº |
| **10. OTHER ETHIC ISSUES** | | |
| Are there any other ethic issues that should be taken into consideration? Please specify | Yes | Nº |
| **I CONFIRM THAT NONE OF THE ABOVE ISSUES APPLY TO MY PROPOSAL** | Yes | |

1. <https://www.era-min.eu/sites/default/files/publications/eip-sip-part-1.pdf> and <https://www.era-min.eu/sites/default/files/publications/eip-sip-part-2.pdf> [↑](#footnote-ref-1)
2. <https://www.era-min.eu/sites/default/files/publications/era-min_research_agenda.pdf> [↑](#footnote-ref-2)