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| RPF_Restart Logo  THE RESEARCH PROMOTION FOUNDATION  PROGRAMMES  FOR RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION  “RESTART 2016 – 2020” |

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| PROPOSAL DETAILS | |
| PILLAR | I. Smart Growth |
| PROGRAMME | PHD IN INDUSTRY |
| RPF PROPOSAL NUMBER | PHD IN INDUSTRY/1222 |
| PROPOSAL TITLE |  |
| PROPOSAL ACRONYM |  |

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| **PART B – TECHNICAL ANNEX *(A page limit of 20 pages will be applied. Any excess pages will be disregarded by evaluators.)*** |

**IMPORTANT NOTE: Proposed activities should be consistent with the eligible categories of activities for this specific Programme, as described in the relevant Work Programme and Call for Proposals.**

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| B1. PROJECT OBJECTIVES |
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| **B1.1. General Objectives of the Project and Compatibility with the Objectives of the Programme, the Call and the Thematic Priority *(Maximum Recommended 1 page)*** |

Describe the general objectives of the proposed project, justifying their compatibility with the objectives of the Programme and the specific Call (short description and the challenges of the thematic priority), with particular reference to the proposed collaboration and research activities of the project and its relevance for the enterprise employing the PhD Student..

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| **B1.2. Specific Scientific and Technological Challenge and proposed Solution** ***(Maximum Recommended 1 page)*** |

Describe the scientific and technological challenge jointly identified by the Consortium and the proposed solution to be jointly developed, defining the specific objectives and expected results in a quantitative manner. Project objectives should be specific, measurable, attainable, relevant and timely.

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| B2. EXISTING KNOWLEDGE – PROJECT INNOVATION |
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| B 2.1 Existing Knowledge / State of the Art *(Maximum Recommended 1 pages)* |

Explain the rationale behind the proposed project with clear reference to the current state-of-the-art. State the project’s vision and mission with regards to expected outcomes. Please list any relevant references (including those relating to intellectual property) and additional bibliography.

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| B.2.2 Project Innovation and Originality *(Maximum Recommended 1 pages)* |

Describe the extent of innovation and originality of the proposed project for the enterprise and the field of science.

It could also correlate to:

* the creation of new knowledge/technology which is not yet known in the field or a radically new application of an existing technology, and/or
* the acquisition of new knowledge and skills, which will bring the partners to the forefront of the area in question and thus well beyond the present state-of-the-art, the improvement of the participating enterprise product line, production processes, the enhancement of the enterprise’s business environment and competitiveness through innovation, and/or
* the development of novel concepts, approaches and solutions that could be the potential basis for a wide number of commercial applications and could advance the competitiveness of the enterprise or its products and services, plus stimulate economic growth, improve the quality of life, contribute to social progress etc. in Cyprus and the EU.

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| B3. ADDED VALUE AND BENEFIT |

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| B3.1 Impact *(Maximum Recommended 2 pages)* |

Describe the added value and benefit expected to emerge from the implementation of the proposed project (e.g. economic or social benefit) for each participating organisation individually, and for the Consortium as a whole, perspectives for technological application, possible commercial exploitation through sales, licensing or assignment of patents, etc.).

Describe the potential significance and impact of the project for the selected thematic priority and for economic, social and technological development at national and international level.

Explain how existing knowledge in the organisations participating in the project will be utilised for addressing specific needs and challenges as well as for addressing the competitiveness of the enterprise and the broader economic and social challenges. Explain how project activities have been co-designed by consortium partners to address this purpose.

Describe the long-term employment prospects of the PhD Student within the Cyprus RTDI System deriving from the project implementation.

Describe, where applicable, the potential contribution and significance of the proposed project for the achievement of gender equality in the selected priority sector at national or international level.

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| B3.2 IPR Management, Dissemination and Exploitation of Results *(Maximum Recommended 2 page)* |

Describe the strategy for the dissemination of project results, including the planned dissemination activities (e.g. Publications, Scientific Information Days, Conference Presentations etc.) as well as activities undertaken in line with the National Policy for “Open Science”.

Describe the strategy for the exploitation of project results, including management of intellectual property rights, foreseen IP protection measures (such as applications for patents, design rights, etc), justifying the initiatives and activities to be undertaken during the project implementation and beyond, taking in account the relevant Call requirements. Describe the Commercialisation Plan, in order to ensure maximum commercial exploitation of the project results.

Refer to the measures to be taken to ensure that: (a) any IP created by the PhD student while working as an employee of the enterprise belongs exclusively to the enterprise that employs the PhD student; (b) the research organisation receives a no-cost licence for the life of that IP to use the IP for research purposes; (c) publication may be delayed for a reasonable period to allow for applying for IP protection in order to secure the priority date; and (d) the host organisation (the enterprise) has the “first right of refusal” in exploiting any intellectual property resulting from the project and owned in whole or part by any member of of the Consortium.

Describe potential risks and barriers (regulations, standards and certification, freedom to operate, etc) to overcome in order to realize the commercialization of project results.

Kindly note that funded projects will be eligible to benefit, through a direct entry procedure, from the innovation and knowledge transfer support services to be offered by RIF through the central Knowledge Transfer Office (KTO). According to the Call for Proposals, the Consortium is required to submit an application for acquiring the services of the KTO.

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| B4. IMPLEMENTATION PLAN |

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| B4.1. Analysis and Description of Methodology *(Maximum Recommended 2 pages)* |

Describe the structure of the proposed activities and provide an analysis of the methodology and the important phases of the project, justifying the selection of the key techniques to be used. Possible scenarios – assumptions for the implementation of the proposed project should also be described, as well as the critical risks and all mitigation measures/contingency plans.

Where applicable, indicate if potential sex/gender differences will be taken into account and describe how sex/gender analysis will be integrated into the research content of the proposed project.

Work Package 1 (WP1) should include the management and coordination activities of the project and WP2 should include the proposed dissemination & exploitation activities.

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| **B4.2 Work Package Description *(Maximum******Recommended******2 pages per WP)*** A separate Work Package (WP) Form should be filled for each WP. There is no limitation on the number of WPs. |

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| **Work Package Number:** | **1** | **Start Month:** | |  | | **End Month:** | |  | |
| **Work Package Title** | **Project Management** | | | | | | | | |
| **Work Package Leader** |  | | | | | | | | |
| **Partner Role** | **HO** | | **PA1** | | **PA2** | | **PA3** | | **PA4** |
| **Person Months** |  | |  | |  | |  | |  |
| **Work Package Objectives** | | | | | | | | | |
| Briefly describe the objectives of the WP. | | | | | | | | | |
| **Work Description and Expected Key Results** | | | | | | | | | |
| Describe the activities regarding project management (e.g. preparation of Progress Reports, coordination meetings, decision making procedures etc) and networking (i.e. exchange of visits between partners including timeframe and purpose of each visit). Where possible, provide quantitative information on activities and results.  Where appropriate describe the work broken down into Tasks indicating the participating organisations and the lead partner. | | | | | | | | | |
| **Milestones and Deliverables** | | | | | | | | | |
| Provide a brief description for the important Milestones to be attained and each of the Deliverables. All Progress Reports to be submitted to RIF during project duration and the minutes of the various Consortium meetings should be included as Deliverables of WP1. | | | | | | | | | |
| **Work Package Number:** | **2** | **Start Month:** | |  | | **End Month:** | |  | |
| **Work Package Title** | **Dissemination and Exploitation Activities** | | | | | | | | |
| **Work Package Leader** |  | | | | | | | | |
| **Partner Role** | **HO** | | **PA1** | | **PA2** | | **PA3** | | **PA4** |
| **Person Months** |  | |  | |  | |  | |  |
| **Work Package Objectives** | | | | | | | | | |
| Briefly describe the objectives of the WP. | | | | | | | | | |
| **Work Description and Expected Key Results** | | | | | | | | | |
| Describe (in line with Section B3.2) the activities regarding the dissemination of scientific data (e.g. Publications, Scientific Information Days, Conference Presentations etc.) and the management, protection and exploitation of intellectual property rights. Where possible, provide quantitative information on activities and results.  Where appropriate describe the work broken down into Tasks indicating the participating organisations and the lead partner.  Please note that eligible exploitation activities (and, thus, expenses) include only those related to the preparation of the IPR Management & Exploitation Plan. | | | | | | | | | |
| **Milestones and Deliverables** | | | | | | | | | |
| Provide a brief description for the important Milestones to be attained and each of the Deliverables.  Deliverables for WP2 could be:   * Dissemination Plan (including dissemination of scientific data and activities ensuring Open Access / Open Data) * IPR Management & Exploitation Plan * Data Management Plan (mandatory) * Submission of Request for the Services of the Central Knowledge Transfer Office (KTO) of the RIF (mandatory) | | | | | | | | | |

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| **Work Package Number:** |  | **Start Month:** | |  | | **End Month:** | |  | |
| **Work Package Title** |  | | | | | | | | |
| **Work Package Leader** |  | | | | | | | | |
| **Partner Role** | **HO** | | **PA1** | | **PA2** | | **PA3** | | **PA4** |
| **Person Months** |  | |  | |  | |  | |  |
| **Work Package Objectives** | | | | | | | | | |
| Briefly describe the objectives of the WP. | | | | | | | | | |
| **Work Description and Expected Key Results** | | | | | | | | | |
| Describe the activities included in the specific WP. Where possible, provide quantitative information on activities and results.  Where appropriate describe the work broken down into Tasks indicating the participating organisations and the lead partner (including Foreign Research Organisations). | | | | | | | | | |
| **Milestones and Deliverables** | | | | | | | | | |
| Provide a brief description for the important Milestones to be attained and each of the Deliverables. | | | | | | | | | |

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| **B4.3. Work Package Table**  The table is a brief presentation of the project’s Work Packages. | | | | |
| **Work Package Number** | **Work Package Title** | **Person-months** | **Start Date**  (project month) | **End Date**  (project month) |
| **WP1** | Project Management |  |  |  |
| **WP2** | Dissemination and Exploitation Activities |  |  |  |
| **WP 3** |  |  |  |  |
| **WP4** |  |  |  |  |
| **WP 5** |  |  |  |  |
| **WP 6** |  |  |  |  |
| **WP7** |  |  |  |  |
| **WP8** |  |  |  |  |
| **WP9** |  |  |  |  |
| **WP10** |  |  |  |  |

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| **B4.4 List of Deliverables**  The table is a brief presentation of the project’s deliverables. | | | | | |
| **Deliverable No** | **Deliverable**  **Name** | **Relevant**  **WP No** | **Deliverable Type**  (Document, Report, Publication, Poster, Pilot, Prototype, Website, Video, Software, Database, Other) | **Classification of Dissemination**  (Public, Confidential) | **Deliverable Completion**  (Project Month) |
| **D1** |  |  |  |  |  |
| **D2** |  |  |  |  |  |
| **D3** |  |  |  |  |  |
| **D4** |  |  |  |  |  |
| **D5** |  |  |  |  |  |
| **D6** |  |  |  |  |  |
| **D7** |  |  |  |  |  |
| **D8** |  |  |  |  |  |
| **D9** |  |  |  |  |  |
| **D10** |  |  |  |  |  |
| **D11** |  |  |  |  |  |
| **D12** |  |  |  |  |  |
| **D…** |  |  |  |  |  |

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| **B 4.5 Time Frame**  Indicate the duration of each Work Package and the timing of submission of the Progress Reports. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Work Package Number / Title** | **D U R A T IO N** (Months) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** |
| WP1. Project Management |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP2. Dissemination Activities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP3. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP4. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP5. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP6. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP7. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP8. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP9. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP10. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Progress Reports Submitted to RIF** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| B5. CONSORTIUM AND RESOURCES TO BE COMMITTED |

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| B5.1. Consortium Description *(Maximum Recommended 1 page)* |

Describe the Ηost Οrganisation and each of the other participating organisations (including Foreign Research Organisations, if applicable), with emphasis on their:

* competences and scientific, technological, and new product development expertise (including management experience),
* available infrastructures and any other resources necessary for the implementation of the project, and
* major relevant publications (produced by its key personnel participating in the project), and/or products/services developed, or other achievements, projects or activities relevant to the proposal.

Describe how the consortium partners collaborate effectively and jointly contribute to the design of project scope and the project’s implementation and share risks and benefits from the results. Demonstrate synergies in the partnership, the strategic, scientific and/or commercial interests of partners in achieving the results, the added value to emerge from cooperation and the sharing of know-how, infrastructures and resources (including personnel mobility) within the consortium.

Describe the Management Structure and relevant procedures (communication flow between the participating organisations, decision making mechanisms and conflict management).

If the Consortium includes Large Enterprises, their participation must be clearly justified according to the four criteria of participation of Large Enterprises (please refer to Section III / Chapter 1.2 of the relevant Work Programme).

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| B5.2. Roles and Activities of Participating Organisations *(Maximum Recommended 1 page)* |

Briefly describe the role and the activities to be undertaken by each participating organisation (including Foreign Research Organisations, if applicable). Indicate the Work Packages (and Tasks if applicable) each organisation will be participating in.

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| B5.3. Research Team |

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| **B.5.3.1 Project Coordinator *(Maximum Recommended 0.5 page)*** |

**PLEASE SELECT BELOW WHO IS THE PROJECT COORDINATOR:**

**PhD Student**

**Co-Supervisor**

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| **B.5.3.1a PhD Student *(Maximum Recommended 0.5 pages)*** |

Name and Surname

**Name and Surname of PhD Student**

**IRIS IRID of the PhD Student**

IRID

Describe the research activity, capabilities and scientific, technical experience of the PhD Student as well as any significant achievements in relation to the scientific and technological field of the proposed project. (Full CV must be included in Annex I – Curricula Vitae).

**In case of project coordination by the PhD Student describe the PhD Student’s managerial experience in relation to the implementation of research and innovation projects.**

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| **B.5.3.1b Industrial-supervisor in the Host Organisation *(Maximum Recommended 0.5 pages)*** |

Describe the Industrial Supervisor’s research activity, capabilities and scientific, technical experience as well as any significant achievements in relation to the scientific and technological field of the proposed project. (Full CV may be included in Annex I – Curricula Vitae).

In case of project **coordination by the Industrial Supervisor describe the Industrial Supervisors managerial experience in relation to the implementation of research and innovation projects.**

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| **B.5.3.1c PhD Supervisor in the Academic Institution *(Maximum Recommended 0.5 pages)*** |

Describe the research activity, capabilities and scientific experience of the PhD Supervisor of the PhD Student in relation to the scientific and technological field of the proposed project. (Full CV may be included in Annex I – Curricula Vitae).

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| **B.5.3.2 Other Team Members – Key Personnel *(Maximum Recommended******0,5 page for each member)*** |

Provide a brief description of the profile of the key personnel (short CV) for each of the participating organisations which will be primarily responsible for carrying out the project’s activities with emphasis on their capabilities and experience relevant to the proposed project. (Full CVs may be included in Annex I – Curricula Vitae).

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| **B.5.3.3 Research Team Gender Table**  Please fill in the following Table specifying the Gender of each research team member described in sections B.5.3.1 and B.5.3.2. | | | |
| **Num.** | **Name** | **Organisation**  (HO, PA1 ) | **Gender** (Male/Female) |
| 1 |  |  |  |
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| B6. PROJECT BUDGET DESCRIPTION *(Maximum Recommended 1 page)* |

Provide a detailed justification of the costs included in the proposed budget, as analysed in Section “Part A - Project Budget Overview Table”. This should include a justification of the proposed costs (per cost category) for the implementation of the project and the budget distribution amongst the partners, the technical specifications for any infrastructure/equipment to be acquired etc.

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| B7. ETHICAL AND ENVIRONMENTAL ISSUES ***(Maximum Recommended 1 page)*** |

Describe the measures to be undertaken in order to address any Ethical and/or Environmental issues arising from the implementation of the proposed project, according to the Coordinator’s Declaration in Part A. State any necessary licences and/or other documents that have already or will need to be secured.

Justify that the Project complies with the «Do No Significant Harm» principle as per Article 17 of [Regulation (EU) No 2020/852](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:32020R0852) on the establishment of a framework to facilitate sustainable investment (EU Taxonomy Regulation). This means that the methodology is designed in a way it is not significantly harming any of the six environmental objectives of the aforementioned Regulation (please refer to Section III / Chapter 8.6 of the relevant Work Programme).