**GALACTICA**

**Smart Industrial innovation as enabler to drive new value chains for textiles and aerospace**

**ORBITAL PROJECTS**

**Application TEMPLATE – Section a-d**

**NOTE:** **Section A to D are covered by page limit of 10 pages in total**.

Font size must be at least 11 in Arial or Times New Roman, single space, margins of 1 inch (top, bottom, sides).Attachment can be in PDF format and no larger than 15MB in size.

Please remove this first page on your final document.

You can remove the indications (example of indications) on your final document.

Remember that you will need to upload the complete proposal in PDF format in GALACTICA’s submission platform: <https://calls.galacticaproject.eu/> .

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**Section A Excellence (30% weighting)**

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| **1.1.Scientific and technical quality**Please address the following aspects:• Description of your project (product / service / solution), including TRL at the start of the project and expected TRL at the end of the project• What approach will you take and where will the focus of the innovation be?• Innovativeness of the foreseen solution in relation to the sectors of textile, aerospace & advanced manufacturing. Does the project present a technological challenge?• What is the market need/ technological challenge behind your innovation?• How are the project objectives related to the selected voucher type (Does your project reflect the idea to support the connection around textile and aerospace based on advanced manufacturing across EU?)  |
|   |
| **1.2. Innovation potential**Please address the following aspects:• The novelty of the approach in your project (innovation focuses on the application of existing technologies in new areas, the development of new technologies for existing areas or a totally disruptive approach).• Describe the nearest current state-of-the-art, including those near market or in development, and its limitations and explain what are the main achievements, benefits and improvements deriving from your solution?• How does the project fit with your current product, service lines or offerings? |
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| **1.3 Feasibility of the project**Please describe the expected outputs/ results from your project and the way these will contribute to targeting the need/ challenge identified. |
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**Section B Implementation (30% weighting)**

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| **2.1. Coherence and effectiveness of the work plan** Please address the following aspects:• The project scope and methodology (work plan etc). • Where and how are you going to validate the solution? • The objectives, milestones and timescales of your project• The time plan and allocation of resources per work package (budget).Please complete the related work plan and budget sections in the proposal.. |
|   |
| **2.2. Team**Please address the following aspects: • Is the consortium consistent with GALACTICA instrument guidelines?• The roles, skills and experience of all members and where appropriate the diversity of the project team as a whole are relevant to the project approach?• How are partners’ competencies complementary and related to the scope of the work • Are details of any vital external parties, including sub-contractors needed successfully explained? |
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| **2.3 Risk management**Please describe or explain:• The key risks and uncertainties identified in your project.• The risk management and mitigation plan(s). |
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**Section C Potential impact (40%)**

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| **3.1 Economic impact**Please address the following aspects: • Specify the expected impact of your solution with regard to competitiveness and growth of the business partners in the consortium in both the short and the long term. Please quantify the impact if possible, measured in terms of total market size and growth-rate envisaged. • To what extent does the solution demonstrate an economic benefit compared to the existing solutions? Estimated added value of the proposed product, service or business model.  |
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| **3.2. Route to market**Please address the following aspects:• Potential market description" in qualitative and quantitative terms: geographical zone, client segments, market dimension• Describe the possibilities for development and commercialization of your proposal. Include a brief description of the bussiness model and commercialization plan.• Describe competitors and competitive advantage• Describe the Potential scale-up of the product/service• Describe any potential impact on new or significantly improved methods/ improved product launched in the market. |
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| **3.3. Social impact**Please address the following aspects:• Describe the social impact of your solution compared to the existing situation. Reference to Job creation. • Describe the environmental impact of your solution. Please quantify the environmental impact, if possible, by providing figures/ estimations. • Has the project taken into account gender dimension, diversity and inclusion implications in the development and design of the innovation? |
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| **3.4. Value chain perspective (cross-sectoral aspects)**Please address the following aspects:•Does your project reflect the idea to support the creation of new industrial value chains around textile and aerospace based on advanced manufacturing across EU? Describe the cross-sectoral aspects of your project.•Describe how and to what extend your solution will provide an economic benefit to the value chain; please quantify the impact if possible, in terms of percentage in whole value chain business growth. |
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| **4.Cross border partnership** |
| Are you a cross-border consortium? i.e. at least 2 SMEs partners in the consortium each one from a different EU country or UK |
|  YES  NO |

**Section D Workplan**

**D.1 Activities**

Describe a short activity plan. The activities, the outcomes and the time period are not binding. Include a brief description of activities that will be subcontracted.

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| --- | --- | --- | --- | --- |
| **Task 1** | **Involved Partners**(use PP No) |  | **Start End** |  |
| **Activity** |  |  |  |  |
| **Outcome** |  |  |  |  |
| **Task 2** | **Involved Partners**(use PP No) |  | **Start End** |  |
| **Activity** |  |  |  |  |
| **Outcome** |  |  |  |  |
| **Task 3** | **Involved Partners**(use PP No) |  | **Start End** |  |
| **Activity** |  |  |  |  |
| **Outcome** |  |  |  |  |
| **Task 4** | **Involved Partners**(use PP No) |  | **Start End** |  |
| **Activity** |  |  |  |  |
| **Outcome** |  |  |  |  |
| **Task 5** | **Involved Partners**(use PP No) |  | **Start End** |  |
| **Activity** |  |  |  |  |
| **Outcome** |  |  |  |  |

**D.2 Milestones**

Please briefly describe 3 milestones for your project. ‘Milestone’ means control point in the action that helps you to chart progress.

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| --- | --- | --- | --- |
| **No.** | **Milestone** | **Means of Verification** | **Estimated Date** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

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