**SECTION A: BASIC INFORMATION**

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| **CONTACT DETAILS OF LEAD APPLICANT** | |
| Name and surname |  |
| ID number |  |
| Telephone number |  |
| Email address |  |
| Physical address |  |

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| **INSTITUTION DETAILS** | |
| Name of institution |  |
| Type of Institution (Tick below the applicable institution type) | SMME  Higher Education Institution  Company  Science Council |
| Company registration number (if applicable) |  |

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| **PARTNERING INSTITUTION DETAILS** | |
| Name of partnering institution |  |
| Partnering institution’s registration number |  |
| Email address |  |
| Telephone number |  |

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| **TECHNOLOGY READINESS LEVEL (TRL)** | |
| TRL of the technology |  |

**SECTION B: SUPPORTING DOCUMENTATION**

The following supporting documentation must be submitted with the completed funding full application form (tick if the supporting documentation has been submitted)

|  |  |
| --- | --- |
| **Document** | **Tick (only if document was submitted)** |
| Certified copy of ID of the lead applicant |  |
| Proof of address of the lead applicant |  |
| CIPC |  |
| Entity registration document of the partnering institution in another BRICS country |  |
| Project execution plan |  |
| Financial projections |  |

**SECTION C: THE PROJECT**

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| * 1. **Project name in English (common for all members of the International Project Consortium)** |
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| * 1. **Topic name according to the call announcement (selected from the list in the system)** |
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| * 1. **Description of the fundamental scientific problem that the research aims to solve** |
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| * 1. **Relevance of the research** |
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| * 1. **Analysis of the current state of research in this field (an overview of research in this field must be provided, with references to publications in the scientific literature)** |
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| * 1. **Purpose and objectives of the Project** |
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| * 1. **Scientific novelty of the research stated in the Project (formulated scientific idea, novelty of the proposed formulation, stated problem solution).** |
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| * 1. **The proposed approaches and methods, and their justification for achieving the research goals and objectives (A detailed description of the proposed research; the presentation should allow the expert to assess the novelty of the Project's idea, the suitability of the research approaches and methods for achieving the goals and objectives, and the reliability of the results)** |
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| * 1. **The expected results of the scientific research and their scientific and applied significance** |
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| * 1. **A detailed research plan agreed with foreign partners (the form of information presentation should allow the expert to assess the feasibility of the stated project implementation plan and the risks of its non-fulfillment; the overall project implementation plan is given by year):** * **a plan of specific research conducted by national Project participants (by year) with the indication of responsible performers and participants in the implementation of specific tasks** * **a plan of specific research conducted by foreign Project participants (by year)** * **interaction and coordination of participants during the Project implementation** |
|  |
| * 1. **Expected scientific results after the first year of the Project implementation (the presentation should allow for an expert review of the results and an assessment of the possible prolongation of implementation of the work plan stated in the Project)** |
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| * 1. **Justification of the expediency of conducting research with these particular foreign partners (the opportunities that will be gained through international cooperation, such as the use of equipment, research results, experience, knowledge, access to unique facilities and conditions, etc.)** |
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| * 1. **The existing scientific background for the proposed Project - previously obtained results (with an assessment of the degree of originality), and developed methods (with an assessment of the degree of novelty):** * **from the Domestic National Team of the Project** * **from the National Teams of other participating countries** |
|  |
| * 1. **A list of the main joint publications of national and foreign participants in the International Project Consortium that are most closely related to the proposed Project (in the original language of the publication, if available)** |
|  |
| * 1. **List of the main (no more than 5) publications of the head of the National team in peer-reviewed journals over the past 3 years (in the original language of the publication).** |
|  |
| * 1. **List of equipment and materials available to the participating National teams required for the Project:** * **Domestic National team** * **Foreign National team** |
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| * 1. **Information about the Head of the International Project Consortium (fill in sections below)** |
| * Full name: * Year of birth: * Country: * Place of work: * Position: * List of the main (no more than 5) publications in peer-reviewed journals over the past 3 years: * Contact phone number: * E-mail: |
| * 1. **Information about the heads of foreign National teams. For each Head of a foreign National team, please specify the country and full name on a new line** |
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| * 1. **The number under which the general application submitted to the International Secretariat was registered** |
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**SECTION D: INTELLECTUAL PROPERTY**

1. Describe any existing Intellectual Property (IP) that underpins the technology development and ownership thereof.

| **Applicant, Entity or Consortium owned or licensed-in Registered IP** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Filing date** | **Patent, Design, Trademark application or granted No.** | **Date patent granted/ status** | **Inventor Details** | **Assignee / Applicant name(s)** | **Title** | **Region/ territory** |
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1. Provide the description of the new intellectual property that will be developed during the project (foreground intellectual property).

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1. Describe your IP management strategy in terms of protection and exploitation, including freedom to operate.

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**SECTION E: THE MARKET**

1. **Market and Industry Analysis** 
   1. Provide detailed analysis of the market segmentation (in terms of size, structure, geography, growth, market need and/or unmet need) and clearly indicate why the defined customers will procure your product/ process/ service.

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1. **Competitive Landscape**
   1. Provide detailed competitor analysis, in terms of strength and weakness of the current and potential competitors.

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* 1. Clearly define what the drivers of competitiveness are.

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1. **Market Penetration Strategy**

Provide a detailed plan on how you intend to enter the market, be sustainable and expand (enablers to market entry) in the target market. Indicate if you are engaging with the potential customers, if so, provide evidence.

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**SECTION F: ECONOMIC AND FINANCIAL RETURN**

Describe your proposed offering’s overall ability to generate economic value. Provide financial projection and indicate when the offering will breakeven and generate profit.

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**SECTION G: THE BUSINESS**

1. **Management**

Provide a summary of skills and capabilities of the team to execute the implementation of the proposed work activities; the role of each team member and the time she/he will be spending on the project. Provide summary of résumés (maximum half page per individual) of key team members. This section needs to address the team responsible for the development of the proposed offering(s) and/or commercialisation of the project and include the required skill sets for such a team.

# Please populate the table below:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **% Ownership** | **Gender** | | | **Population Group** | | | | | **Nationality** | | **Disability** | |
| **M** | **F** | **I** | | **W** | **C** | **A** | **SA** | | **Non-SA** | **Yes** | **No** |
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**SECTION H: RISKS**

Identify the risk which affects the development and commercialisation of the technology and mitigation strategies. (i.e. Regulatory, environmental, financial, personnel, other)

| **Identified Risk** | **Mitigation Strategy** | **Probability of occurrence (H,M,L)** | **Severity**  **(H,M,L)** |
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