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| **I – PROJECT IDENTIFICATION SHEET** |

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| **M-ERA.NET Project title:****(IN FRECH)**  |   |
| **Project acronym** |  |

|  |  |  |
| --- | --- | --- |
| **Principal Investigator**  | Name:Tel.: | Establishment:Email: |

|  |  |  |
| --- | --- | --- |
| **Signatures and dates**  |  |  |
| SignatureMain academic | Print Name and SignatureVice-rectorate or research office |

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| **Industrial and academic partners or public research centre[[1]](#footnote-1):**  | Main activity   | Company | University | CCTT | Public centre |
| 1  |  |  |  |  |  |
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| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
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| **Thematic axis**(see instruction guide) | [ ]  Modeling for materials engineering and processing[ ]  Innovative surfaces, coatings and interfaces[ ]  High performance composites[ ]  Functional materials[ ]  New strategies for advanced material-based technologies in health applications[ ]  Materials for additive manufacturing |

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| **Application sectors**(several possible choices) | [ ]  Transportation/Infrastructure[ ]  Energy[ ]  Environment [ ]  Textile  | [ ]  Chemistry[ ]  Microelectronics/telecommunication[ ]  Health [ ]  Other (specify):  |

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| **Starting TRL[[2]](#footnote-2)**1 [ ]  2 [ ]  3 [ ]  4 [ ]  5 [ ]  6 [ ]  7 [ ]  8 [ ]  9 [ ]   | **Duration of the project:** 12 mois [ ]  24 mois [ ]  36 mois [ ]  |

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| **Non-confidential summary of the project, in lay terms.** *(IN FRENCH – 500 words maximum)* |
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| **II – HISTORY OF THE PROJECT (½ page)** |

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| **Have you asked for other financial support for this project? Specify, if necessary.** |
|  |
| **Have you received any other financial support for this project? Specify, if necessary.** |
|  |
| **Is this project linked to other already subsidized projects? If yes, describe these projects and highlight the differences with this project (if necessary, attach explanatory documents in the appendix)** |
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| **III – DETAILED PRESENTATION OF THE PROJECT** |

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| **RESEARCH PROJECT (maximum 4 pages):** Describe the research project, including its environment (regulations, market trend, state of the art, etc.). Explain the possibility of carrying out this research project, specifying its anticipated objectives and results as they relate to the industrial partners’ needs. Specify the methodology and key scientific challenges to be met.  |
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| **IV – JUSTIFICATION OF THE TRL LEVEL for the Quebec part of the M-ERA.NET project** |

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| **TRL (maximum 1 page):** Justify the TRL you have assigned to this project. The contemplated TRL is the one at the start of the project within a context of research in Quebec.  |
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| **V – SCHEDULE AND MILESTONES** |

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| **SCHEDULE AND MILESTONES (maximum 2 pages):** Present the project’s main activities in the form of a GANTT chart, **including key Go/No Go milestones** for the Quebec part of the project M-ERA.net |
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| **VI – PROJECT TEAM** |

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| **PROJECT TEAM (maximum 3 pages):** Name all academic and industrial collaborators (titles and affiliations). Describe how this collaboration makes it possible to cover the various competencies needed to carry out the project. Specify the degree of involvement of each member of the team, including, among others, the level of interaction and synergy among the various academic and industrial players. **Attach the CVs of the key stakeholders (academic and industrial) as well as letters of support from industrial partners.**  |
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| **VII – ECONOMIC AND SOCIETAL IMPACT** |

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| **IMPACT AND BENEFITS OF THE PROJECT (maximum 3 pages):**Describe the spinoffs for partners, academic and industrial for the Quebec part of the M-ERA.NET project |
| 1. Benefits for the Quebec academic partner (s): HQP training, knowledge valorization (transfer, publications, intellectual property ...), technological developments (new products, processes, standards, methods ...), scientific expertise (acquisition, development or consolidation), use of infrastructure.
2. Benefits for the industrial partner (s): Technological developments (new products, processes, standards, methods, etc.), enhancement of knowledge (transfer, patents, improvement of know-how, etc.), improvement of the company's position in the value chain (improvement of productivity, increase in sales or market shares, diversification of production, investments, etc.), personnel (job created or maintained, training of HQP, etc.), use of infrastructures.
3. Impact on the M-ERA.NET consortium: - Description of the project's impact on the research, innovation and transfer and valuation activities of your organization, attraction of investments, clients and research contracts and innovation, attraction of researchers or highly qualified personnel, consolidation of a research or innovation axis, development and reinforcement of networking abroad, international mobility of researchers or the workforce, outreach international, visibility, etc.
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| **VIII – FINANCIAL FACET** |

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| **RESEARCH MANDATE’S ESTIMATED BUDGET**  |

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|  | The budget items highlighted below are eligible for the Indirect Research Cost. | **Year 1** | **Year 2** | **Year 3** | **Total** |
|  |  | (CASH ONLY) |
| **Salaries and fringe benefits[[3]](#footnote-3)** |
|  | 1st, 2nd and 3rd-cycle students |  |  |  |  |
|   | Postdoctoral research interns |  |  |  |  |
|   | Technicians |  |  |  |  |
|   | Others: |  |  |  |  |
| **Equipment, facilities, materials and supplies (max 25%)** |
|   | Rental equipment |  |  |  |  |
|  | Purchase equipment (max $ 15k each)[[4]](#footnote-4) |  |  |  |  |
|   | Cost of operation and maintenance |  |  |  |  |
|   | Fees charged to users |  |  |  |  |
|   | Pet fees and platforms |  |  |  |  |
|   | Materials for testing and testing |  |  |  |  |
|   | Laboratory consumables |  |  |  |  |
|  | Other : |  |  |  |  |
| **Outside services[[5]](#footnote-5)** |
|   | Academic or public laboratories |  |  |  |  |
|   | Federal laboratories |  |  |  |  |
|   | Professional fees |  |  |  |  |
|  | Other : |  |  |  |  |
| **Travel[[6]](#footnote-6)** |
|   | Travel related to the consortium |  |  |  |  |
|   | Field work |  |  |  |  |
| **Development activities** |
|   | Prototypes  |  |  |  |  |
|   | Field tests |  |  |  |  |
|   | IP management fee |  |  |  |  |
|  | Fees for dissemination of knowledge[[7]](#footnote-7) |  |  |  |  |
|  | Other : |  |  |  |  |

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| **TOTAL per year** |  |  |  |  |

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| **Research Mandate TOTAL** |  |

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| **VIII – FINANCIAL FACET (cont’d)** |

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| **RESEARCH MANDATE’S FINANCING PLAN**  |

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| --- | --- | --- | --- | --- | --- |
|  |  | **Year 1** | **Year 2** | **Year 3** | **Total** |
|  |  | (cash only) |
| **Industrial partners[[8]](#footnote-8) (min. 20% of the research mandate)** |
|  | Industrial partner : |  |  |  |  |
| **Public financing (max. 80% of the research mandate)** |
|   | PRIMA Québec (max. 50 %) |  |  |  |  |
|   | Others (specify):Provide proof of additional funding (copy of the application once submitted) |  |  |  |  |
|  | **TOTAL funding plan for the research mandate** |  |  |  |  |

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| **In-kind contribution of industrial partners, if applicable (for information purposes only)** |
|  | Industrial partner[[9]](#footnote-9): |  |

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| **ADDITIONAL CONTRIBUTIONS** |

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| **Contribution to the management fees of PRIMA Québec** |
|  | Industrial partners: equal to 3% of the amount of research mandate |  |
|  | MEI: equal to 2% of the amount of research mandate |  |

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| **PRIMA QUÉBEC’s contribution to indirect research cost, if applicable** |
|   | Maximum 27% of PRIMA QUÉBEC’s contribution to the research mandate All financial partners must contribute to indirect research cost |  |

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| **Summary of funding by PRIMA** |

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| **Contributions from PRIMA Québec** |
|  | 1. Contribution to the Research Mandate
 |  |
|  | 1. Contribution from MEI (Management fees)
 |  |
|  | 1. Indirect Research Cost (If applicable)
 |  |

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| **TOTAL du financement de PRIMA (1 + 2 + 3)**(Max 500 k$ pour 3 ans) |  |

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| **VIII – FINANCIAL FACET (cont’d))** |

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| **JUSTIFY EXPENSES (no page limit)**Related to the main steps presented in Section V; specify the financing plan. |
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| **IX – BIBLIOGRAPHIC REFERENCES** |

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| **List of bibliographical references (maximum 2 pages):** |
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| **INFORMATION ABOUT THE FORM SUBMISSION** |

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| Should you encounter problems or have questions, do not hesitate to contact Sylvie Dufort, at 514 284-0211, ext. 228.Send us your duly signed application before **June 18, 2019 noon Brussels time (6:00 am Montreal time)** in a single file in unprotected PDF format (Adobe Acrobat), by email to: sylvie.dufort@prima.ca.Liste de contrôle

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| --- |
|[ ]  First page signed by the applicant AND by the establishment (Vice-rectorate or research office) |
|[ ]  Form fully filled and maximum page number of rubrics respected |
|[ ]  CV of the main contributors (academics and industrials) |
|[ ]  Letters of support from all industrial partners |
|[ ]  Have you informed the industrial partners of their contribution to the management fees of PRIMA Québec? |
|[ ]  Are all project partners members of PRIMA Québec at the time of filing your application? |

**Please note that:*** Funding will be granted only on proof that
	+ Complementary funding (NSERC, NRC-IRAP, or others) has been approved
	+ The full proposal of M-ERA.NET has been recommended for funding
	+ Other organizations in the project's M-ERA.NET consortium get their funding.
	+ An intellectual property agreement drafted and signed between the different parts of the M-ERA.NET consortium before the 1st payment of the grant
* Once the request for additional funding has been submitted, a copy must be sent to PRIMA Québec.
 |

1. List only the partners involved in the implementation of the Quebec part of the M-ERA.NET project [↑](#footnote-ref-1)
2. TRL for the Quebec part of the project [↑](#footnote-ref-2)
3. Amounts related to the release of teachers to carry out project activities are not eligible. [↑](#footnote-ref-3)
4. Small equipment amortized for the duration of the project is authorized. [↑](#footnote-ref-4)
5. Outside services must be justified and accounts for a very small part of the budget [↑](#footnote-ref-5)
6. Travel expenses must be justified, maximum 5% for travel in Quebec, max 15% including Quebec and International travel [↑](#footnote-ref-6)
7. Congresses, conferences, publications, communications [↑](#footnote-ref-7)
8. If several industrial partners, list the contribution for each partner [↑](#footnote-ref-8)
9. Specify for each industrial partner [↑](#footnote-ref-9)