



WP3 – MIND4MACHINES Open Calls *D3.2 Application online system*

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Website & Social media	Website: https://mind4machines.eu/ LinkedIn: https://www.linkedin.com/company/mind4machines/ Twitter: https://twitter.com/Mind4Machines YouTube: https://www.youtube.com/channel/UC33x_RZzAffKFbThm8Pp6Bw
Partners	Istanbul Sanayi Odasi (Istanbul Chamber of Industry) - ICI, Turkey BWCON GMBH – BWCON - Germany ASOCIACION DE EMPRESARIOS DEL COMERCIO E INDUSTRIA DEL METAL DE MADRID – AECIM , Spain Agentia de Dezvoltare Regionala Nord-Vest – NWRDA, Romania Silicon Saxony e. V. – SISAX, Germany SC IPA SA – IPASA , Romania Centro Servizi Industrie SRL – MESAP - Italy Industrialen Klaster Elektromoboli – EVIC, Bulgaria Istanbul Development Agency – IDA, Turkey VTT Technical Research Centre of Finland- VTT , Finland F6S – F6S , Ireland
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TO BE CITED AS

*Author name, "Application Online System" MIND4MACHINES Manufacturing Industry's
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1.0	24/05/2022	Rita Campos	final version



MIND4MACHINES PROJECT

MIND4MACHINES aims to facilitate the cross-sectoral and cross-border support needed by manufacturing SMEs to test and adopt the latest digital technologies for transformation towards smarter, greener and more resource-efficient manufacturing, aligned with the latest EU policies. This will be done in a systemic approach which will **foster cross-border and cross-sectoral ecosystems creation, new emerging industries, and/or reinforcement in the targeted regions, with the final aim of establishing large-scale demonstrators to test a range of digital solutions which can allow manufacturing SMEs engaged within the project to meet both digitalisation and sustainability industry challenges.**

The large-scale demonstrators will be implemented by MIND4MACHINES thanks to:

- **Direct financial support through open calls** in order to facilitate that SMEs – or groups SMEs and other stakeholders – develop, test and fine-tune solutions so they can bring successful innovations to the market, boosting the generation of new industrial value chains. The innovations tested, supported and scaled up within these open calls will be selected according to criteria based on the **MIND4MACHINES Joint Strategic Agenda**, a co-created guiding document establishing the main challenges and goals in the selected regions towards the transformation of manufacturing industries into digital, sustainable ones. This will ensure that the funded projects jointly contribute to the large-scale demonstrator objective, validating and scaling up new cross-sectoral and cross-regional value chains.
- **Tailored innovation and go-to-market accelerator programmes.** MIND4MACHINES understands that investment sourcing is key to allow SMEs to undertake digital-based transition projects. This is why project partners will invest their resources into a series of activities (bootcamps, mentorship, e-learning, etc.) to train digital and manufacturing SMEs to detect, engage and obtain successfully the financial sources they need. This work line, complementary to the direct financial aid, will multiply the chances of success of the companies. Additionally, 4 Venture Capital firms have shown their interest in the project, willing to evaluate successful projects in a case-by-case basis.

Engaging clusters as key actors to foster cross-sectoral and cross-border new value chains. Clusters are regional innovation ecosystems with a great potential for the replication of new digitalisation solutions funded by MIND4MACHINES, reason why the project partners (already clusters and industry associations) will engage and evangelize other regional clusters to maximise the project's impacts in Europe through dissemination activities and a specific **MIND4MACHINES Programme.**



EXECUTIVE SUMMARY

This document represents a summary of D3.2 Application Online System, which is the platform through which companies can apply to the open call.

The MIND4MACHINES application form is available, since 27 April 2022, on F6S Platform through the following link: <https://www.f6s.com/m4m-open-call-1/apply>.

The electronic application form will be accessible once logged in to their F6S pre-registered account.

The Application Online System includes the following functionality:

- Submission of an application to the open call;
- Submission of expression of interest for external evaluators;
- Tagging proposals as eligible or illegible;
- Assignment of evaluators to proposals;
- Communication of results to applicants.

The following figures represent the online form for companies to apply to the open call.



Questions



Public information of the proposal

The information provided in this section can be made public by MIND4MACHINES

1 **Title ***

200

2 **Acronym ***

20

3 **Financial Scheme ***

Choose the scheme corresponding to the TRL of your innovative solution by ticking only one box.

- Innovation support [TRL5-7]
 Go-to-market [TRL8-9]

4 **Abstract ***

Summary of the proposal, in terms of objectives and problem solving.

500

5 **Type of proposal ***

- Individual - only one technology provider applicant
 Collaborative - more than one technology provider applicant

Main Applicant

This section provides administrative, legal and financial data for the main applicant with the role of TECHNOLOGY PROVIDER.

6 **Legal Name ***

200

7 **Country ***

50

8 **NUTS 2 Region ***

Please check the NUTS2 region where your company is located ec.europa.eu/eurostat/web/nuts/nuts-maps

100

9 Sector of activity *

Indicate here the main NACE code of your activity. You can check the complete list of NACE codes on ec.europa.eu/competition/mergers/cases/index/nace_all.html

300

10 Registration Number *

100

11 VAT Number (including country code) *

100

12 Number of employees *

Indicate the average number of employees in 2021.

3

13 Turnover in EUR *

Indicate the turnover in 2021 in Euros.

8

14 Was the company profitable in 2021? *

- Yes
 No

Industry Partner (Manufacturing Company)

This section provides administrative, legal and financial data for the applicant with the role of INDUSTRY PARTNER.

15 Select the way the industry partner is involved in the proposal *

- SMEs - Eligible for financial support
 Large company - Not eligible for financial support. Involvement confirmed by attached Letter of Intent.

16 Legal name *

17 Country *

18 NUTS 2 Region *

Please check the NUTS2 region where your company is located ec.europa.eu/eurostat/web/nuts/nuts-maps



19 **Website ***

20 **Sector of Activity ***

Please use an official NACE Rev.2 activity code ec.europa.eu/eurostat/web/products-manuals-and-guidelines/-/ks-ra-07-015

Excellence

This section should provide details about the innovative solution in terms of WHAT, WHY and WHO. The minimum score threshold is 15 out of 25 points, with special attention to project ambitions, applied technologies, planned results and innovative practices.

21 **Describe the scope of the proposal, include core and specific objectives for the project. ***

The objectives should be clear, measurable, realistic and achievable within the project duration (max. 9 months).

2000

22 **Call fit ***

Indicate how your project addresses the scope of the call, in particular the application of Industry 4.0 technologies.

2000

23 **Select from the following list the industry challenge(s) the proposal is answering to or add more: ***

- | | | |
|---|---|--|
| <input type="checkbox"/> Flexible manufacturing systems (FMS) | <input type="checkbox"/> Predictive maintenance | <input type="checkbox"/> Energy efficiency |
| <input type="checkbox"/> Smart packaging | <input type="checkbox"/> Decision support systems | <input type="checkbox"/> Safety and security |
| <input type="checkbox"/> Logistics | <input type="checkbox"/> Supply chain management | <input type="checkbox"/> Other |

24 **Explain the industrial challenge(s) addressed, that have not yet been solved through your project ***

Explain how your solution solves the stated problem or addresses a business opportunity.

2000

25 **Describe the expected results of your project and provide a minimum of 3 technical KPIs to measure them. ***

These KPIs are very important because they will be checked during and at the end of the project (if funded) to approve the project results and execute payments.

2000


26 Select from the following fields the technologies which will be used by the applicant(s) to obtain the results *

- | | | |
|---|---|--|
| <input type="checkbox"/> Internet of Things (IoT) | <input type="checkbox"/> Big data and analytics | <input type="checkbox"/> Advanced Analytics and artificial intelligence (AI) |
| <input type="checkbox"/> Advanced Robotics | <input type="checkbox"/> Digital Twin | <input type="checkbox"/> Blockchain |
| <input type="checkbox"/> Cloud computing | <input type="checkbox"/> Cybersecurity | <input type="checkbox"/> Other |

27 What is the current development stage of your solution? *

Explain the steps taken so far and the current stage of development of the proposed innovative solution, to understand how the idea fits into the required TRL levels (e.g., proof of concept completed, early field trials under way).

2000

28 Describe the proposed solution (product/ service/ process), its highlights and advantages compared to existing solutions. *

2000

29 Justify the innovative aspects of the proposed solution and to what extent it will contribute to solving the identified challenge/ problem through the project duration. *

2000

Impact

This section should provide information about your market (also in the context of the potential new market resulting from this project), competition and potential for replicating your solution in other sectors/areas. It will be scored with a minimum threshold of 15 out of 30 points, with special attention to the market & environmental impact, replicability and cross-sectoral cooperation potential.

30 Explain how the solution will address the industrial needs & challenges identified (in general and specifically at the level of the industry partner). *

2000

31 Describe the market addressed by the proposed solution. What is the estimated available market size and growth rate? What are the market trends and barriers? Describe if and how your project addresses regional/national/European/global markets. *

2000

32 Describe the competition level of the proposed solution, main competitors and existing solutions. Point out the competitive advantages. *

2000



- 33 Describe the targeted users/industries of the final solution. How do you intend to reach them? Can it be applied to other (industry) sectors as well? *

2000

- 34 Describe the technological, economic and commercial benefits for the applicant(s) and for the manufacturing industry. *

2000

- 35 Describe the impact of the solution on the digitalisation maturity level of the end-users and if there is any environmental impact. *

2000

- 36 Describe the impact of the solution on the local/regional level, showing how/if it fits into smart specialisation strategy fields or to any (regional) priority. *

2000

Implementation

This section should provide details about the concrete actions to be implemented, resource use and estimated timeline. Provide a description in terms of HOW and WITH WHAT. It will be scored with a minimum threshold of 15 out of 25 points.

- 37 Identify the potential risks associated with the implementation of the project and risk mitigation measures planned. *

Indicate for each risk the level of likelihood and severity and detail measures to mitigate each risk foreseen.

2000

Horizontal Criteria

- 38 Describe how the solution will impact the environment and if it will contribute to the low-carbon economy *

2000

- 39 Is the project having a social impact in your community, region, or in a wider context? Does it solve or ease a social problem? HOW? *

2000


40 Describe how the project addresses gender balance and equal opportunities. *

2000

Annexes

41 **Annex 2 - Administrative data for multiple applicants/ industry partners (Max file size 30MB.)**

If the proposal involves more than one technology provider applicant or more than one industry partner, download and fill in the Excel file available. Upload a PDF version of Sheet "ANNEX.2". ONLY PDF FILES WILL BE ACCEPTED.

[Choose a File](#)

42 **Annex 3 - Letter of Intent in case of large company industry partner (Max file size 30MB.)**

Signed Letter of Intent in case the industrial partner is not an SME. If the proposal includes more than one industrial partner which is not an SME, include several Lol in the same pdf file. ONLY PDF FILES WILL BE ACCEPTED.

[Choose a File](#)

43 **Annex 4 - Financial and activity tables (Max file size 30MB.) ***

Download and fill in the Excel file available. Upload a PDF version of Sheet "ANNEX.4 ACTIVITIES-BUDGET". ONLY PDF FILES WILL BE ACCEPTED.

[Choose a File](#)

44 **Annex 5 - Resources (Max file size 30MB.) ***

Download and fill in the Excel file available. Upload a PDF version of Sheet "ANNEX5.RESOURCES". ONLY PDF FILES WILL BE ACCEPTED.

[Choose a File](#)

Self-Declaration

45 **As the representative of the Main Applicant, I confirm that all the consortium partners: ***

- | | | |
|--|--|---|
| <input type="checkbox"/> are SMEs as defined in Article 2 of the European Commission Recommendation 2003/361/EC; | <input type="checkbox"/> are not under liquidation or are under difficulty according to the Commission Regulation No 651/2014, art. 2.18; | <input type="checkbox"/> are not excluded from the possibility of obtaining funding under the provisions of both national and EU law; |
| <input type="checkbox"/> are not ineligible to apply for funding by a decision of both national and/or EU authority; | <input type="checkbox"/> have not been funded by national or European public funds with the same activities related to the proposal idea before; | <input type="checkbox"/> are committed to participate in the above-mentioned project; |
| <input type="checkbox"/> have or will have the necessary resources needed to carry out its involvement in the project; and | <input type="checkbox"/> have stable and sufficient sources of funding to maintain its activity throughout its participation in the project. | |



Ethics and IPR

46 Is there any ethical issue associated with this proposal or solution? *

- Yes
 No

47 Is there any registered or pending IP regarding the proposed solution? *

- Yes
 No

Disclaimers

48 By submitting this proposal, I, the representative of the MAIN APPLICANT, confirm that: *

- the information filled is real and authentic; and
 the company I represent and the ones involved in the partnership/consortium have no conflict of interest in submitting this proposal.

49 How did you become aware of the MIND4MACHINES programme? *

- MIND4MACHINES website
 MIND4MACHINES Twitter
 MIND4MACHINES LinkedIn
 MIND4MACHINES Consortium
 Search engines
 F6S website
 Referral from other EU projects
 European Commission communications
 Other

50 In order to maximise traction for the applications selected, we intend to launch a communication campaign immediately after the results are announced. *

- I consent to MIND4MACHINES using the names of companies and information included in the public section of this application in project communication materials.
 I do not consent for any information to be made public before signature of the Sub-Grant Agreement.

51 Acceptance of policies and conditions *

- I accept the data privacy policies described in the MIND4MACHINES Open Call Guidelines for Applicants.
 I have reviewed and accept the terms and conditions of the MIND4MACHINES Open Call, as presented in the Guidelines for Applicants.

52 Further communication *

- I want to subscribe to the MIND4MACHINES newsletter, to receive information about the MIND4MACHINES project, including further funding and support opportunities.
 I do not want to receive further project information, besides the evaluation results of this open call.