**Innovation Booster Robotics Application**

*Please note that you must not exceed a total of 8 pages.*

# About the project

1. **Title of the Project:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete the following sentence in relation to your proposed project using a maximum of 25 words:

|  |
| --- |
| Instead of focusing on incremental and iterative improvements, our proposal focuses on radical innovation, as demonstrated by the fact that ……………………………………. |

1. Is your proposed project informed by or connected to any of the workshops/events organized by the Innovation Booster for Robotics (e.g., ideation workshops, Swiss Robotics Day) in the past years?

[ ]  Yes Please specify which one/ones: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  No

1. Project Area (select only one):

[ ]  Mobile Robots and Manipulators

[ ]  Medical/Biomedical Robots

[ ]  Other Please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Team members:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name of industry/institution | In case a start-up, already incorporated?(Y/N) | Position/function | Role and expected contribution to the project | E-mail | Phone Number | Lingvistic region (FR, DE, IT) |
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1. Motivation and KeyWords

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| --- | --- | --- |
| Motivation for your participation | [ ]  New product idea[ ]  Enhance an existing product[ ]  Replace an existing product | [ ]  Find an industry partner[ ]  Find a research partner[ ]  Start a business / company[ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Key Words  | [ ]  Actuators [ ]  Applications[ ]  Automation[ ]  Autonomy [ ]  Control Methods[ ]  Ethical Issues and Human Factors[ ]  Field Robotics[ ]  Intuitive Programming, Interfaces[ ]  Human-Centered Robotics[ ]  Grippers, Manipulators[ ]  Learning, Machine Learning, AI[ ]  Localization and Mapping[ ]  Logistics[ ]  Manipulation and Grasping[ ]  Manufacturing, process, and service automation[ ]  Mechanisms  | [ ]  Failure Detection and Recovery[ ]  Medical and Rehabilitation[ ]  Micro, Nano Systems[ ]  Multiple and Distributed Systems[ ]  Navigation[ ]  Perception[ ]  Planning and Simulation[ ]  Reasoning[ ]  Regulations for Robotics and Automation[ ]  Theoretical Foundations[ ]  Vision and Sensor-Based Control[ ]  Omnidirectional Vision[ ]  Sensors[ ]  Sensor Fusion[ ]  Safety[ ]  Standards for Robotics and Automation[ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

1. What is the type of your proposal?

[ ] Technological solution [ ] Concept

1. Do you consent to your application being shared with independent reviewers and the members of the Innovation Management and Steering Committees? (under strict non-use and confidentiality measures)

[ ] Yes [ ] No

1. Does/Do the implementation partner/s confirm the minimum financial contribution of 7,500 CHF to the project, assuming the project proceeds for funding? If there are more than implementation partners, each should confirm individually.

Implementation partner 1: [ ] Yes How much?\_\_\_\_\_\_\_\_\_\_\_\_ [ ] No

Implementation partner 2: [ ] Yes How much? \_\_\_\_\_\_\_\_\_\_\_\_ [ ] No

1. What type of funding are you applying for? (select only one)

[ ]  Full funding 25,000 CHF  [ ]  Partial funding

1. If funding were to be awarded, which institution shall be in the position of receiving the funding (ownership of a bank account) and distribution of the funding among teams throughout the project

Name of beneficiary: (one of the names from point 5, column 1)

# Project description

*(Guidelines: maximum five pages excluding pages 1- 3 of the application form; you must not exceed a total of 8 pages)*

1. **Project goal** (250 words)
2. **State of technology/concept**

*(Guidelines: Explain briefly what related technology exists already either at your site or elsewhere in the world, and spell out which innovation you bring)*

1. **Project's Workplan**

*(Guidelines: Provide a detailed description of the challenges you seek to address and the steps you will take to address these; clarify complementary roles of each partner; list all infrastructure/software/other at your disposal; timeline, milestone and budget to workplan)*

* + A - Challenge (s) and envisioned solution (s)
	+ B - Role of each partner
	+ C - Infrastructure at disposal
	+ D - Timeline with Milestones
	+ E - Budget

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Budget Category****(salary, equipment, material, software, licenses, other)** | **Budget Item** | **Amount CHF** | **Specify if covered by IB grant or implementation partner contribution and in what amount**  | **Comments** |
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1. **Quality and relevance of team`s expertise**

*(Guidelines: Give a brief description of each of the partner's credential relative to the project's goal and workplan)*

1. **Innovative Aspects of Technology/Concept**
2. **Potential of Economic Impact on the Swiss Economy**
3. **Future plans**

*(Guidelines: Provide details about your future plans beyond this study, including the timeframe. This may include strategies you intend to pursue to secure additional funding, such as applying for patents, establishing a startup, or exploring alternative funding sources)*

*Your proposal should consist of pages 1-3 of this template and maximum 5 pages dedicated to project description. In total, this means your have maximum 8 pages.*

**Where to forward the application:** Please return this form to contact@ntnrobotics.com by the deadline of the call in a format of a PDF.