**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

|  |  |  |
| --- | --- | --- |
| 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** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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](mailto:contact@ntnrobotics.com) by the deadline of the call in a format of a PDF.