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**Annex 1**

**to the Regulation of TSI on selection, implementation,**

**monitoring and funding of students’ innovation**

**projects applications, 4th round, within the project**

**“Transport and Telecommunication Institute Innovation Grants for Students”**

**(No 1.1.1.3./21/A/006)**

**Innovation Project Application Form**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| INFORMATION ABOUT THE TEAM | | | | |
| TEAM NAME | *Insert name of the Team* | | | |
| TEAM SUPERVISOR | *Name, Surname, Competences & Background* | | | |
| A brief description (summary) of a team idea | *Description of the idea in one or two sentences* | | | |
| Project scope: |  | | | |
| Indicate by marking with an X | *\_\_\_\_ Small project (max 2 596 EUR)*  *\_\_\_\_ Large project (max 11 127 EUR)* | | | |
| TEAM MEMBERS | | | | |
| Team Member 1 (team leader) | *Name, Surname, educational institution, role in the Project, main important competences* | | | |
| Team Member 2 |  | | | |
| Team Member 3 |  | | | |
| Team Member 4 |  | | | |
| Team Member 5 |  | | | |
| Team Member 6 |  | | | |
| Add if necessary |  | | | |
| APPLICATION DIRECTION / DIRECTIONS | | |  | |
| *Indicate direction / directions (Mark as X)* | | | **Thematical fields:**  \_\_\_ Information and Communication technologies  \_\_\_ Digital Society and Transformation  \_\_\_ Smart logistics and transport  and specifically in these areas (but without excluding other topics):  \_\_\_ Robotics  \_\_\_ IT  \_\_\_ Artificial Intelligence and components  \_\_\_ Image processing and recognition  \_\_\_ Modelling-Based Systems Analysis and Design  \_\_\_ Drones and autonomous systems  \_\_\_ Drones and autonomous systems  \_\_\_ Aviation and Processes Digitalization; Digital twins  \_\_\_ Safety and Security systems  \_\_\_ Ground-penetrating radar systems  \_\_\_ IoT / embedded systems  \_\_\_ Scanning systems  \_\_\_ Additive manufacturing technologies  \_\_\_ if another field – please write:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Multidisciplinary | | | *Yes / No, indicate which disciplines are involved:*  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* | |
| TYPE OF INNOVATION | | *INDICATE (can be several)* | | |
| Process | |  | | |
| Product | |  | | |
| Services | |  | | |
| Technology | |  | | |
| A BRIEF DESCRIPTION OF THE PROBLEM AND THE IDEA | | | | |
| *Indicate the problem and Provide a concise description of the idea from the Idea Bank or individually developed (max 300 words)* | | | | |
| INNOVATION POTENTIAL & TARGET MARKET | | | | |
| *Brief description of the innovation target group (potential customers) and target market. Describe the topicality of your innovation in society or in solving the problems and challenges of entrepreneurs (max 500 words)* | | | | |
| JUSTIFICATION OF THE RELEVANCE OF THE IDEA | | | | |
| *How does your idea correspond to the purpose and direction of this idea competition? How do you see the potential for the development and commercialization of the idea, the next steps? (max 1000 words)* | | | | |
| ADVANTAGES OVER EXISTING SERVICES / PRODUCTS ON THE MARKET (COMPETITIVENESS) | | | | |
| *Describe what is the innovation of your product or service that distinguishes it from alternative products or services. Mention the alternative / similar products or services currently available on the market and explain how your idea will improve them or offer a different solution (max 1000 words)* | | | | |
| PLANNED PROJECT ACTIVITIES | | | | |
| *Please describe how you plan to carry out the project technically, clearly describing and justifying it activities, their sequence according to the Gantt chart, and a brief result of each activity (please describe the planned results in more detail in the concluding section).*  *For large projects, please indicate the results testing / implementation / commercialization plan. (max 1500 words)* | | | | |
| COOPERATION WITH INDUSTRY | | | | |
| *Indicate how you would like and plan to establish cooperation with industry (companies)? Have you already identified potential partners? What support do you expect from the industry? (max 500 words)* | | | | |
| IMPLEMENTATION METHODS / INSTRUMENTS / TECHNOLOGIES | | | | |
| *Please indicate what methods, tools (eg programming, design environments, etc.) or technologies (eg 3D printer, MI, computer vision) you intend to use to achieve the results of your project (max 1000 words)* | | | | |
| HORIZONTAL PRINCIPLES | | | | |
| Please clarify whether the project will in any way promote horizontal principles such as  **"equal opportunities"**   |  |  |  | | --- | --- | --- | | TYPE | *TO BE REFERRED TO* | *EXPLANATION* | | Equal opportunities |  |  | | Gender equality |  |  | | Disability |  |  | | Age |  |  | | Ethnicity |  |  | | Other |  |  |   and/or **“sustainable development”**   |  |  |  | | --- | --- | --- | | TYPE | *TO BE REFERRED TO* | *EXPLANATION* | | Eco-innovation element |  |  | | Green course |  |  | | Circulation economics |  |  | | Reduced resource consumption |  |  | | Other |  |  | | | | | |
| RESULTS | | | | |
| *Please indicate the expected results that would be realistic and practically achievable during the implementation of this project. For small projects - no more than two results.*  *For large projects - no more than four results.*  *Examples of results - written report, prototype, video, drawings, experimental results*  *(max 500 words)* | | | | |
| ANNEXES (all have to be as files not links) | | | | |
| Estimated Budget of implementation (applicable for Large projects) | | | | *Attachment* |
| Costs’ justification (applicable for Large and Small projects) | | | | *Attachment* |
| Timetable Gantt Chart Diagram | | | | *Attachment* |
| Motivation letter | | | | *Attachment* |
| CV of applicant/ team members | | | | *Attachment* |
| CV of mentor (not obligatory) | | | | *Attachment* |
| A certificate from an educational institution certifying that each member of the team is studying at the specific level and programme of study (not applicable to TTI students) | | | | *Attachment* |
| Other documents (at the discretion of the applicant) | | | | *Attachment* |

Documents shall be submitted in Latvian or English in electronic form to e-mail address: [ideahub@tsi.lv](mailto:ideahub@tsi.lv), required copies of documents, certificates, licenses, etc.