# **APPLICATION FORM**

REVITALIZING STEM EDUCATION TO EQUIP NEXT GENERATIONS WITH STEM COMPETENCY

**Deadline: 22April 2024 – 23:59 CET**

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| **Important notice**Before completing this application form, please read the **Call for Applications** document for detailed information about project criteria and eligibility. Please ensure each application* is complete, signed, stamped, dated and submitted using this template
* includes a budget, an expected results matrix and a project schedule or Gantt chart (using the templates provided in the annex)
* is submitted together with ALL the required supporting documents (see checklist below)
* meets ALL the submission requirements set out in the **Call for Applications**
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| PROJECT TEAM |
| **APPLICANT INFORMATION** |
|  | Educational or research agency |
|  | University or higher education institution |
|  | Primary or secondary school |
|  | Non-governmental organisation (NGO) |
|  | Independent expert |
| **Name of applicant** (If the applicant is an independent expert, the name is the same as the person responsible for the proposal.) |  |
| **Country or countries covered** (These should be aligned with the required letter of support from relevant authorities.) |  |
| **REPRESENTATIVE OF THE PROJECT TEAM RESPONSIBLE FOR THE PROPOSAL**(Only one individual should be named. The responsible representative should either be a member of the applicant institution or the individual expert.) |
| **Full name** |  |
| **Institution** |  |
| **Position in the institution** |  |
| **Email** |  |
| **Telephone** |  |
| **Address of the institution/expert** |  |
| **PROJECT TEAM COORDINATOR AND TEAM MEMBERS** |
| **Role** | **Full name** | **Profession/position** | **Organisation name** |
| Coordinator\* |  |  |  |
| Member |  |  |  |
| Member |  |  |  |
| …. |  |  |  |
| **\****The curriculum vitae of the project coordinator should be submitted with the application. It should include education history, project management experience, relevant scientific or teaching experience, publications and any previous involvement in UNESCO.* |
| **Number of women in the project team** |  |
| **Number of people under 35 years old in project team** |  |
| PROJECT PROPOSAL |
| **TITLE** (maximum 15 words) |
|  |
| **ABSTRACT** (maximum 200 words) |
|  |
| **THEME OF RESEARCH ACTIVITY** |
|  | Correlation between investments in STEM and educational outcomes |
|  | Female participation in STEM education |
|  | Flexible teaching and learning models and inclusive approaches |
|  | Technologies development and application in STEM education in schools |
|  | Effectiveness of the educational system to deliver STEM education |
|  | National ecosystem and policies for STEM education |
| **MODALITIES OF EDUCATIONAL ACTIVITY** |
|  | STEM teaching and learning activities for students |
|  | Strengthening teacher development and inclusive STEM pedagogies |
| **FULL DESCRIPTION OF THE PROPOSAL** (all fields are mandatory) |
| **Background and capacity**Describe the background and capacity of the applicant institution/individual expert and the project coordinator, including previous works undertaken in research and education in STEM fields that are relevant to the proposal.*Please also submit an activity report (or links to online activity reports) and any additional information demonstrating the required criteria with the application.* |
|  |
| **General objectives**Describe the aim and rationale of the proposal including the contribution to the current STEM learning environment in the associated country or countries. |
|  |
| **Expected results of each of the STEM Research Activities and STEM Educational Activities**Describe the specific expected results linked to each of the activities. |
|  |
| **Methodology**Describe the scientific and educational methodology. Include reference to relevant UNESCO guidelines or tools, when applicable. Highlight how the proposal reflects critical thinking and problem solving, inquiry-based learning, cross-sectoral skills and approaches to citizen science. |
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| **Innovation potential**Prove that the project will enhance processes of equipping future generations with STEM competency and describe the potential for development of new knowledge. |
|  |
| **Project schedule**Describe the project schedule and implementation plan for both activities within a six-month timeframe.*Please also complete and submit a Gantt chart using the template provided in Annex I*. |
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| **Expected results of the project**Describe the expected results of the project including quantitative measurable results. Demonstrate how planned activities will contribute to each expected result and how the balance between research and educational activities is guaranteed. A list of impact indicators is welcome.*Please also complete and submit the expected results matrix using the template provided in Annex II.* |
|  |
| **List of partners and key stakeholders**Include a description of the capacity and area of expertise of each of the partners contributing to the activities and the role they will play in the implementation of each activity.Please consider that educational activities need to be implemented in STEM related educational institutions or other related learning institutions.Describe how key stakeholder groups from the private sector, academia, civil society, education practitioners, youth and women will be consulted and/or engaged in the project.Say if and how UNESCO Chairs, Category II Centres and other relevant networks (including ASPnet schools) will be involved in the project. |
|  |
| **SDGs**Explain how the project will contribute to the achievement of SDGs with a special focus on SDG 4 and SDG 9. |
|  |
| **Risks**Describe the potential risk of not achieving the expected results and any mitigation measures. |
|  |
| **Communications strategy**Provide a communications strategy for the project. Include details of the means of communication and specify the intended target audience. Describe also how the project results will be disseminated within local and national contexts, including using UNESCO networks where applicable. |
|  |
| **Scaling up results**Describe the potential of the project results being scaled up to other UNESCO Member States in the region of South-East Europe and the Mediterranean and globally, within or without UNESCO networks. |
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| **BUDGET**Please provide detailed estimates using the budget template in Annex III. Eligible costs include personnel costs, travel and accommodation, subcontracted services, trainings and communication, etc. |
| **SIGNATURE****I hereby confirm that I am authorised to enter into legally binding commitments on behalf of the applicant institution and that all members of the project team have read and agreed with the content contained within this application.** |
| **Date:** | **Place:** |
| **Signature:** |
| **CHECKLIST OF DOCUMENTS**The following documents must be submitted together with the application form. |
| *
 | **Letter of support or email** from relevant national authorities |
|  | **Activity reports** (or links to online activity reports) of the applicant and any additional information demonstrating the required criteria |
|  | **Curriculum vitae** of the project coordinator |
|  | **Gantt chart** (Annex I) |
|  | **Expected results matrix** (Annex II) |
|  | **Budget** (Annex III) |
|  | **Bank statement** on bank’s headed paper, signed and stamped confirming the bank details. |

## ANNEX I

Gantt Chart

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Task** | **Description of the activities** | **M1** | **M2** | **M3** | **M4** | **M5** | **M6** |
| **Expected result 1 – STEM Research Activities:** |  |  |  |  |  |  |
| **Activity** |  |  |  |  |  |  |  |
| 1.1 |  |  |  |  |  |  |  |
| 1.2 |  |  |  |  |  |  |  |
| 1.3 |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |
| **Expected result 2 – STEM Educational Activities:** |  |  |  |  |  |  |
| **Activity** |  |  |  |  |  |  |  |
| 2.1 |  |  |  |  |  |  |  |
| 2.2 |  |  |  |  |  |  |  |
| 2.3 |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |
| **Communication and Dissemination** |  |  |  |  |  |  |
| **Activity** |  |  |  |  |  |  |  |
| 3.1 |  |  |  |  |  |  |  |
| 3.2 |  |  |  |  |  |  |  |
| 3.3 |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |

## ANNEX II

Expected Results Matrix

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| **Project title: (***Please add the title of the project)* |
| **Expected Result 1 STEM Research Activities: …** |
| **Output N°1:** *Please add a title for the Output 1 of the Research component* |
| Performance Indicator (PI)\* | Source and means of verification (M) | Baseline (B) | Target (T) |
| PI 1. |  |  |  |
| *…* | *…* | *…* | *…* |
| **Output N°2:** … |
| Performance Indicator (PI) | Source and means of verification (M) | Baseline (B) | Target (T) |
| PI 1. |  |  |  |
| ... | … | … | … |
| **Expected Result 2 STEM Educational Activities:** … |
| **Output N°1:** … |
| Performance Indicator (PI) | Source and means of verification (M) | Baseline (B) | Target (T) |
| PI 1. |  |  |  |
| ... | … | … | … |
| **Output N°2:** … |
| Performance Indicator (PI) | Source and means of verification (M) | Baseline (B) | Target (T) |
| PI 1. |  |  |  |
| ... | … | … | … |
| **Specify how the above outcomes could contribute to the achievement of the relevant 2030 Agenda SDG(s), SDG target(s) or SDG indicator(s).** Please report your contribution to at least one SDG. More information about SDGs is available at <https://sdgs.un.org/>. |
| **SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all** |
| Please describe which SDG target(s) will be contributed by the outcomes. | Please describe which SDG indicator(s) will be contributed by the outcomes. | Baseline (B) | Target (T) |
| *…* | *…* | *…* | *…* |
| **SDG 9: Build resilient infrastructure, promote sustainable industrialisation and foster innovation** |
| Please describe which SDG target(s) will be contributed by the outcomes. | Please describe which SDG indicator(s) will be contributed by the outcomes. | Baseline (B) | Target (T) |
| *…* | *…* | *…* | *…* |
| *If there is another SDG to which your outcomes will contribute, please add in this row:***SDG \_ :**  |
| Please describe which SDG target(s) will be contributed by the outcomes. | Please describe which SDG indicator(s) will be contributed by the outcomes. | Baseline (B) | Target (T) |
| *…* | *…* | *…* | *…* |

**\****Performance indicator (PI) is a way to measure and monitor your achievement of the outcomes and outputs. Example: PI 1. # of participating stakeholders trained to use the educational package. Please add as many PIs are relevant to each output.*

## ANNEX III

Budget

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| **Budget template** |
| **REVITALIZING STEM EDUCATION TO EQUIP NEXT GENERATIONS WITH STEM COMPETENCY** |
| *Name of the applicant institution/expert:* |  |
| **Cost Elements Description** | **Amount** |
| 10 - Personnel costs |   |
|   |   |
| 20 - Subcontracted services |   |
|  Catering/travel/accommodation |   |
| 30 - Trainings/meetings |   |
|   |   |
| 40 - Equipment and maintenance |   |
|   |   |
| 50 - Communication |   |
|   |   |
| TOTAL |   |