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**DIGITAL, INNOVATION, AND GREEN TECHNOLOGY PROJECT
(DIGIT PROJECT)**

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**REPUBLIC OF CROATIA**

**MINISTRY OF SCIENCE, EDUCATION AND YOUTH**

Donje Svetice 38, Zagreb 10 000, Croatia

**DIGITAL, INNOVATION, AND GREEN TECHNOLOGY PROJECT**

**(DIGIT PROJECT)**

IBRD LOAN NO. 9558-HR

PROJECT ID: P180755



**ANNEX IV. CONCEPT NOTE FORM**

**CALL FOR PROPOSALS UNDER THE CHALLENGE PROGRAM**

CALL REFERENCE NUMBER: DIGIT.2.1.02

May 2025

**Concept note form**

**Note: The Concept note form is available in an online format. Applicants must complete all required fields directly in the portal, ensuring that each section is filled according to the provided guidelines.**

### **1. Project overview**

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| Project information |
| Project title: | *<Name of the project>* |
| Name of the Applicant: | *<Name of the lead organization>* |
| Consortium partners: | *<List of all participating partners>* |
| Addressed challenge:  | *<Challenge 1: Digital Future Innovation Challenge>**<Challenge 2: Green Horizons Innovation Challenge>* |
| Predominant scientific area of project proposal |  |
| Predominant scientific field of project proposal |  |
| Predominant S3 thematic priority area |  |
| Keywords related to the project proposal (max. 200 characters) | *Provide a concise list of keywords that best describe key project elements, such as the innovative solution, its intended application, sectoral relevance, technological domain, or other relevant aspects.* |
| Project objectives:  | *<Overall objective(s)>**<Specific objective(s)>* |
| Project activities: | *<List the main activities planned under the project>* |
| Target group(s): | *<List the main target groups/entities who will directly benefit from the project>* |

### **Consortium information**

*Please fill in the fields in the table with information for the project applicant and other consortium members (project partners).*

*Please copy the section on partners as many times as necessary to include all partners.*

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| Information about the Applicant |
| Name of the Applicant |  |
| Type of legal entity | *<public higher education institution, public research institute, other public research organization>* |
| Personal identification number  |  |
| Street and house number |  |
| Municipality/City |  |
| Zip code |  |
| Country |  |
| Phone/cell phone number |  |
| E-mail address |  |
| Web page |  |
| Responsible person (name and surname) |  |
| Function |  |
| Personal identification number  |  |
| Phone/cell phone number |  |
| Responsible person’s e-mail |  |
| Contact person for this project (name and surname) |  |
| Function |  |
| Phone/cell phone number |  |
| Contact person’s e-mail |  |
| Information about Partner 1 |
| Name of the Partner |  |
| Type of legal entity | *<public higher education institution, public research institute, other public research organization, private higher education institution, private research institute, scientific institution from abroad, enterprise>* |
| Size of enterprise (if applicable) | *<micro, small, medium-sized, large>* |
| Personal identification number or national business identification number for foreign entities |  |
| Street and house number |  |
| Municipality/City |  |
| Zip code |  |
| Country |  |
| Phone/cell phone number |  |
| E-mail address |  |
| Web page |  |
| Responsible person (name and surname) |  |
| Function |  |
| Personal identification number  |  |
| Phone/cell phone number |  |
| Responsible person’s e-mail |  |
| Information about Partner 2 |
| Name of the Partner |  |
| Type of legal entity | *<public higher education institution, public research institute, other public research organization, private higher education institution, private research institute, scientific institution from abroad, enterprise>* |
| Size of enterprise (if applicable) | *<micro, small, medium-sized, large>* |
| Personal identification number or national business identification number for foreign entities |  |
| Street and house number |  |
| Municipality/City |  |
| Zip code |  |
| Country |  |
| Phone/cell phone number |  |
| E-mail address |  |
| Web page |  |
| Responsible person (name and surname) |  |
| Function |  |
| Personal identification number  |  |
| Phone/cell phone number |  |
| Responsible person’s e-mail |  |

### **Abstract**

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| Abstract of the Project Concept (max 5,000 characters with spaces) |
| *<Provide a high-level summary (abstract) of your project, including proposed mission-oriented objective (i.e. how will the proposed project solve identified challenge), as well as key implementation objectives and intended outcomes.>* |

1. **Project excellence**

This section focuses on the innovation and scientific/technical quality of your project.

* 1. Mission clarity and challenge relevance

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| Mission clarity and challenge relevance (max 10,000 characters with spaces) |
| *<Clearly articulate and explain the mission and mission objectives of the project (according to Guidelines for Applicants - Instructions for defining missions for the Call). Contextualize the specific challenge being addressed. Define the problem the project aims to solve, supported by relevant data and sources. Explain the importance of funding this project and how it will address the central problem, transitioning from the current situation to the desired state.>**<State and justify the research objectives of the project, which should be specific, measurable, achievable, relevant, and time bound. Describe the targeted scientific breakthrough to be achieved by the proposal. Describe how the project’s transformative solutions contribute to significant challenges in digitalization and green transition.>**<Describe how your project differs from existing solutions or approaches. Explain how the project is innovative, and what makes it unique or groundbreaking. Highlight what is new or unique about the approach, technology, or methodology.>**<Describe the current state-of-the-art and how the proposal advances beyond it, incorporating cutting-edge knowledge, new ideas, and concepts. Argue the plausibility of the proposed research for achieving the targeted breakthrough.>* |

### **Project potential**

This section assesses the potential impact and relevance of your project.

* 1. Importance of the project outcome(s) with regards to its transformational impact on technology and/or society:

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| Importance of the project outcome(s) with regards to their transformational impact on science, technology and/or society (max 5,000 characters with spaces) |
| *<Clearly describe the new technological outcome that the project aims to achieve. Highlight the key features and functionalities of the achievement.>**<Explain how this technological outcome will transform existing technologies or practices. Discuss the potential societal benefits, such as improvements in quality of life, economic growth, environmental sustainability, etc. Substantiate the potential impact with quantitative measures.>* |

1. **Project feasibility**

This section evaluates the practical aspects of the project, including resources, indicative timeline and budget.

* 1. Technological readiness of the innovative solution

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| Technological readiness of the innovative solution (max 4,000 characters with spaces) |
| *<Indicate whether a validated proof-of-concept has been achieved. If so, describe it in line with the supporting document(s) requirements listed in Table 12 of the Guidelines for Applicants. This should include a concise description of the innovative concept and specification of the indicators/parameters used to validate the concept and the expected target values.>* |

* 1. Resources and indicative budget

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| Implementation plan (max 5,000 characters with spaces) |
| *<Briefly describe the current stage of development of the proposed innovative solution, including its level of technological maturity. Indicate any preparatory activities undertaken so far (e.g., initial research, existing knowledge, past collaboration) that support the project idea. Briefly describe the project’s implementation plan, including the planned activities. Present the key milestones and their timeline, and explain how they align with the project duration and objectives, including the steps planned to further develop the technology and raise its readiness level.>* |

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| Project resources – personnel (max 5,000 characters with spaces) |
| *<Briefly outline the key human resources required for the project. Please outline the profiles of the key persons who will be primarily responsible for carrying out the proposed research and/or innovation activities and specify each of the personnel’s proposed role within the team. If specific persons are not currently hired or connected to the project, it is sufficient to outline the types of human resource capacities that will be required to deliver the project (e.g., three senior level computer scientists, two research assistants, etc.).>* *<You should give enough detail to justify the proposed resources to be allocated.>* |

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| Project resources – research infrastructure (max 2,000 characters with spaces) |
| *<Briefly outline the key research resources required for the project (other than personnel, e.g., equipment and premises [only adaptation works are eligible]). Briefly describe the state of the existing research infrastructure and equipment as well as materials that will be required for the project.>* *<You should give enough detail to justify the proposed resources to be allocated.>* |

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| Project budget (max 2,000 characters with spaces) |
| *<Briefly outline the key budget categories and estimated funding required for the project.>* |

###  **Attachments**

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| Attachments |
| Declaration by the Applicant on participation in the Concept note stage (completed, signed and stamped) (.pdf) |  |
| Declarations by the partners on participation in the Concept note stage (completed, signed and stamped) (.zip or .pdf) |  |
| JOPPD form(s) (A page(s)) (.zip or .pdf) |  |
| Supporting document(s) related to the validated proof-of-concept (.zip or .pdf) |  |