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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 V. INDICATIVE CONTENT OF THE BASELINE SURVEY**

**CALL FOR PROPOSALS UNDER THE CHALLENGE PROGRAM**

CALL REFERENCE NUMBER: DIGIT.2.1.02

May 2025

## **Baseline survey for applicants to the Call for proposals under the Challenge program – Research organizations**

The Call for proposals under the Challenge program supports consortia, comprising research organizations and enterprises, in implementing innovative projects that address specific digitalization and greening challenges. Innovative solutions must be proposed as described in the following sections and must demonstrate their potential for transformative impact in achieving Croatia’s digital transformation or transition to a climate-resilient, biodiversity-rich, environmentally sustainable, and climate-neutral economy.

This survey collects data that will allow us to assess the impact of grants on the research and development capacities of Croatian research organizations and enterprises. The information you provide through this survey will not be used to assess the quality of your project application. The survey data will only be used to assess the effectiveness of the Challenge program upon its completion and to inform future improvements to the Program.

The survey must be completed by the applicant and all project partners (consortium members) listed in the project proposal.

Please complete **all** questions, unless instructed otherwise. If you take a break from filling out the survey, you can continue from where you left of if you open it in the same web browser on the same device, unless you clear browser cookies. Press the arrow at the bottom of the screen to start the survey.

Any questions regarding this baseline survey must be submitted through the application portal eDIGIT. Potential applicants and partners can submit their questions by selecting the relevant Call (DIGIT.2.1.02) on the application portal. The MSEY will respond to these questions in the form of a Frequently Asked Questions (FAQ) section. The FAQ will be published on the DIGIT Project website. (in footer of each page).

## **Research organizations**

Please enter contact details in case of questions related to the form:

|  |  |
| --- | --- |
| Name and surname:  | Click or tap here to enter text. (text value) |
| Job title: | Click or tap here to enter text. |
| Name of the research organization: | Click or tap here to enter text. |
| Telephone number: | Click or tap here to enter text. |
| Email address: | Click or tap here to enter text. (valid email address) |

Please note that you may be contacted for follow-up questions regarding the baseline survey, and the designated contact person may be asked for clarification or additional information.

## **1. Project information**

INT\_1 **Important note**: Please enter the correct information about the applicant and the project as they will be used to verify the completion of the survey during the administrative check.

* 1. **Please provide the full name of your project and the name of the research organization acting as the lead applicant to the Call.**

**Project name** Click or tap here to enter text.

**Applicant name (Research organization)** Click or tap here to enter text.

* 1. **Is your organization the lead applicant, or a consortium member (project partner)?**

☐ Applicant

☐ Partner (Skip question 1.3., Section 3 and Section 4)

**1.3. In your opinion, what is the main planned outcome of your project?**

*It is possible to mark more than one response. Please mark all applicable responses.*

☐ Securing intellectual property based on project results

☐ Technical performance demonstration

☐ Prototype development

☐ Conducting market analyses or feasibility studies

☐ Development of commercialization plans

☐ Other *(please specify):* Click or tap here to enter text.

## **2. Information about the research organization**

**INFORMATION ABOUT THE APPLICANT RESEARCH ORGANIZATION** (if 1.2. = Applicant)

**INFORMATION ABOUT THE PARTNER RESEARCH ORGANIZATION** (if 1.2. = Partner)

**A. RESEARCH COLLABORATION ACTIVITIES**

* 1. **Has your research organization engaged in collaborative R&D activities with other research organizations in the last three years?**

*It is possible to mark more than one response. Please mark all applicable responses.*

|  |
| --- |
| [ ]  No (exclusive answer) |
| [ ]  Yes, with research organizations from abroad |
| [ ]  Yes, with research organizations from Croatia  |

* 1. **Please mark up to three reasons (and at least one) why you have not collaborated in R&D activities with other research organizations** (if 2.1 = No)

[ ]  We were not confident in the capabilities of research organizations

[ ]  We had administrative or legal obstacles in establishing cooperation or procuring services

[ ]  We can do all R&D independently

[ ]  We didn't have enough resources for collaboration

[ ]  Research organizations did not understand our needs

[ ]  We were concerned about confidentiality

[ ]  Other (*please* specify): Click or tap here to enter text.

* 1. **In last three years, has your research organization engaged in collaborative R&D activities with enterprises or provided services to enterprises?**

*It is possible to mark more than one response. Please mark all applicable responses.*

|  |
| --- |
| [ ]  No (exclusive answer) |
| [ ]  Yes, we collaborated with or provided services to enterprises from abroad  |
| [ ]  Yes, we collaborated with or provided services to enterprises from Croatia  |

* 1. **Please mark up to three reasons (and at least one) why you have not collaborated in R&D activities with enterprises or provided commercial research services in last three years.** (if 2.3 = No)

[ ]  We were not confident in the capabilities of enterprises

[ ]  We had administrative or legal obstacles in establishing cooperation or providing services

[ ]  We can do all R&D independently

[ ]  We didn't have enough resources for collaboration or provision of services

[ ]  We didn't have enough time for collaboration or provision of services

[ ]  We were concerned about confidentiality

[ ]  No enterprise was directly involved in our type of activity

[ ]  Other (*please* specify): Click or tap here to enter text.

* 1. **Please mark what form of collaboration it was.**

*It is possible to mark more than one response. Please mark all applicable responses. (if 2.3. = Yes, we collaborated with or provided services to enterprises from abroad or 2.3. = Yes, we collaborated with or provided services to enterprises from Croatia)*

[ ]  The collaboration was financed by external funding (e.g. grants)

[ ]  The research organization provided research services on commercial terms.

**B. INNOVATION ACTIVITIES**

INT\_IA **Innovation activities** include the acquisition of machinery, equipment, buildings, software, and licenses; engineering and development work, feasibility studies, design, training, R&D and marketing when they are specifically undertaken to develop and/or implement a product, service, or process innovation. This includes also all types of R&D consisting of activities to create new knowledge or solve scientific or technical problems.

* A product innovation is the introduction of a **new** or **significantly** improved good or service with respect to its capabilities, user friendliness, components or sub-systems. A **good** is usually a tangible object such as a smartphone, furniture, or packaged software, but downloadable software, music and film are also goods. A **service** is usually intangible, such as retailing, insurance, educational courses, air travel, consulting, etc.
* A process innovation is the implementation of a **new** or **significantly** improved production process, distribution method, or supporting activity.
	1. **In last three years, has the research organization ever worked on innovation activities related to:**

|  |  |  |
| --- | --- | --- |
|  | Yes | No |
| New or significantly improved **goods** (*excludes simple resale of new goods and changes of a purely aesthetic nature*) | [ ]   | [ ]   |
| New or significantly improved **services.** | [ ]   | [ ]   |
| New or significantly improved **production methods** for the production of goods or services | [ ]   | [ ]   |
| New or significantly improved **methods of logistics, delivery or distribution** for imported products, goods or services | [ ]   | [ ]   |

(If all options are marked "No," skip to 2.12)

* 1. **In last three years, has the research organization carried out any of the following activities when developing these innovations?**

*It is possible to mark more than one response. Please mark all applicable responses.*

|  |
| --- |
| ☐ Applied for public funding  |
| ☐ Purchased or otherwise assisted by a technology transfer office, business support organization, or similar entity (e.g., a business incubator) |
| ☐ Acquired new equipment, plant or other forms of physical capital☐ Acquired new patents, intellectual property rights, or other forms of intellectual or intangible property |
| ☐ Purchased or otherwise received consulting services from experts  |

* 1. **In last three years, have the innovation activities of the research organization ever resulted in the following:**

*It is possible to mark more than one response. Please mark all applicable responses.*

|  |
| --- |
| ☐ Analysis of market potential☐ Commercialization strategy☐ Commercialization agreement |
| ☐ Collaborative research |
| ☐ Contract research |
| ☐ Protection of intellectual property |
| ☐ Licensing of intellectual property |
| ☐ Setting up a *spin-off* |
| ☐ Launching an innovation on the market (goods or services sold, processes implemented |

* 1. **As far as you know, are any of these innovations**: (if 2.8\_9. = = Launching an innovation on the market (goods or services sold, processes implemented))

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes | No | I don't know |
| The first in Croatia | ☐  | ☐  | ☐ |
| The first in Europe\* | ☐  | ☐  | ☐ |
| The first in the world | ☐  | ☐  | ☐ |

2.9\* *Includes the following countries: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Ireland, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Slovakia, Switzerland, Spain, Sweden, Turkey and the United Kingdom.*

* 1. **In last three years, has the research organization carried out activities that did not result in innovation (i.e., product or process innovation being launched on the market)?**

*It is possible to mark more than one response. Please mark all applicable responses.*

|  |
| --- |
| ☐ No (exclusive answer)☐ Yes, activities were abandoned or suspended before completion  |
| ☐ Yes, activities are still ongoing |

* 1. **You have stated that the research organization has abandoned or suspended innovation activities. What was the reason for this?**

*It is possible to mark more than one response. Please mark all applicable responses. (if 2.10 = Yes, activities were abandoned or suspended before completion)*

☐ The innovation was assessed as technically unfeasible

☐ The innovation was assessed as unprofitable

☐ The research organization could not purchase certain tangible or intangible assets that were necessary for the development of the innovation

☐ The research organization could not recruit staff or consultants with the skills and knowledge needed to develop the innovation

☐ A competitor or other organization developed the same or a very similar innovation before the research organization was able to complete theirs

☐ The research organization was unable to raise the funds needed to develop the innovation

☐ Other reasons (please specify): Click or tap here to enter text.

* 1. **Please mark up to three (and at least one) most significant factors preventing the research organization's innovation activities or decisions to carry them out.**

|  |
| --- |
| ☐ Lack of information on the rules of commercialization of research within the research organization |
| ☐ Lack of or difficulty in obtaining project management support (e.g., technology transfer services) |
| ☐ Lack of incentives (monetary or non-monetary) for the commercialization of research |
| ☐ Difficulties in obtaining funding (e.g. grants or innovation subsidies from the state budget or EU funding) |
| ☐ Lack of or difficulty in acquiring tangible assets (e.g. equipment, machinery, etc.) |
| ☐ Lack of or difficulty in acquiring intangible assets (e.g. patents) |
| ☐ Lack of or difficulty in hiring external collaborators (e.g. consultants) |
| ☐ Lack of or difficulty in forming partnerships (e.g. R&D partnerships) |
| ☐ Difficulties in obtaining intellectual property rights for the innovations (e.g. through patents) |
| ☐ Uncertainty or unfavorable market conditions (e.g. demand for products, competition) |
| ☐ Uncertainty due to legislation or regulations, excessive administrative burden |
| ☐ Other (please specify): Click or tap here to enter text. |

* 1. **Please provide information on the number of patent applications your research organization has filed and got approved in the last three years?**

*If there are none, please enter 0.*

|  |  |  |
| --- | --- | --- |
|  | Number of filed applications  | Number of approved applications |
| State Intellectual Property Office (Croatia) | (number between 0 and 100) | (number between 0 and 100) |
| European Patent Office | (number between 0 and 100) | (number between 0 and 100) |
| Other patent offices | (number between 0 and 100) | (number between 0 and 100) |

* 1. **Please mark other types of intellectual property protection that your research organization applied for or obtained in the last three years?**

☐ Trademark

☐ Copyright

☐ Industrial design

☐ Other *(please specify):* Click or tap here to enter text.

☐ None (exclusive response, skip to 2.16)

* 1. **Please provide information on the number of other intellectual property protection applications your research organization has filed and got approved in the last three years?**

|  |  |  |
| --- | --- | --- |
|  | *Number of filed applications*  | *Number of approved applications*  |
| *Trademark* (if 2.14.a selected) | (number between 1 and 100) | (number between 0 and 100)) |
| *Copyright* (if 2.14.b selected) | (number between 1 and 100) | (number between 0 and 100) |
| *Industrial design* (if 2.14.c selected) | (number between 1 and 100) | (number between 0 and 100) |
| *Specified other in 2.17.d* (if 2.14.d selected) | (number between 1 and 100) | (number between 0 and 100) |
|  |  |  |

* 1. **In last three years, has your research organization ever been involved in any research commercialization activity?**

*This includes the sale or licensing of intellectual property, establishment of spin-off companies, or other forms of commercialization of research results.*

☐ Yes

☐ No

* 1. **What kind of commercialization was this?**

*It is possible to mark more than one response. Please mark all applicable responses.* (if 2.16 = Yes)

☐ Sale of intellectual property

☐ Licensing of intellectual property

☐ *Spin-off* establishment

☐ Other *(please specify):* Click or tap here to enter text.

* 1. **In the last three years, has your research organization recorded any income from protected intellectual property (e.g. through sales, licensing, or similar)?** (if 2.16 = Yes)

☐ Yes

☐ No

* 1. **How important are the following reasons for your research organization not (to a greater extent) to engage in activities of commercialization of research results?**

|  |  |
| --- | --- |
|  | Degree of importance |
|  | High | Medium | Low | Not important |
| Lack of financial resources | [ ]  | [ ]  | [ ]  | [ ]  |
| Lack of other resources (equipment, qualified researchers, etc.) | [ ]  | [ ]  | [ ]  | [ ]  |
| Lack of stakeholders interested in commercializing research results | [ ]  | [ ]  | [ ]  | [ ]  |
| Lack of good ideas for innovations that can generate profits | [ ]  | [ ]  | [ ]  | [ ]  |
| Other (*please* specify): Click or tap here to enter text. | [ ]  | [ ]  | [ ]  | [ ]  |

INT\_3 After clicking on the right arrow, you will no longer be able to go back and edit the answers already entered. (if 1.2. = Applicant)

## **3. Application costs**

* 1. **Think about all the costs incurred by the consortium during the preparation of the application to the Call, such as the time spent on preparing paperwork, consultants, assistants, materials, etc.**

*Please provide your best estimate of the total costs of preparing the application for this project in euro. For example, if the total costs were ten thousand euro, enter 10000.*

**Amount in euro:** \_\_\_\_\_\_\_\_\_\_ (number between 0 and 200000)

* 1. **Approximately how many days did it take your consortium to prepare the application?**

**Number of days:** \_\_\_\_\_\_\_\_\_\_ (number between 1 and 365)

* 1. **What type of human resources did you use in preparing the application?**

*It is possible to mark more than one response. Please mark all applicable responses.*

☐ Administrative assistants

☐ Lawyers and legal advisors

☐ Accountants

☐ Researchers and/or technology professionals

☐ Other external (contracted) experts (e.g. consultants for EU funds)

☐ Other *(please specify)*: Click or tap here to enter text.

* 1. **In your opinion, are the financial and non-financial costs of applying to the Call reasonable?**

☐ Yes

☐ No *(please specify):* Click or tap here to enter text.

## **4. Your feedback on the application process**

* 1. **Please indicate to what extent you disagree or agree with the following statements.**

(Positive and negative statements will be randomly distributed)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | I completely disagree | I disagree | I neither agree nor disagree | I agree | I completely agree |
| It was easy to identify and obtain information about the Call |  |  |  |  |  |
| The objectives of the Call are clear |  |  |  |  |  |
| Application support is timely and relevant |  |  |  |  |  |
| The application process is well explained |  |  |  |  |  |
| The application is easy to prepare |  |  |  |  |  |
| The time to complete the application is sufficient |  |  |  |  |  |
| The amount and type of information required in the project proposal is adequate |  |  |  |  |  |
| Eligibility criteria are clear |  |  |  |  |  |
| Eligibility criteria are fair |  |  |  |  |  |
| The selection process is clear |  |  |  |  |  |
| The selection process is transparent |  |  |  |  |  |
| It was easy to access the Call application rules |  |  |  |  |  |
| The rules of the Call are clear |  |  |  |  |  |
| Procedures in case of non-compliance with the rules of the Call are flexible |  |  |  |  |  |
| The list of eligible costs is appropriate for the project |  |  |  |  |  |
|  |  |  |  |  |  |
| It was difficult to identify and obtain information about the Call |  |  |  |  |  |
| The objectives of the Call are unclear |  |  |  |  |  |
| Application support is not timely and irrelevant |  |  |  |  |  |
| The application process is not well explained |  |  |  |  |  |
| The application is difficult to prepare |  |  |  |  |  |
| The time to complete the application is insufficient  |  |  |  |  |  |
| The amount and type of information required in the project proposal is excessive  |  |  |  |  |  |
| Eligibility criteria are unclear |  |  |  |  |  |
| Eligibility criteria are unfair |  |  |  |  |  |
| The selection process is unclear |  |  |  |  |  |
| The selection process is not transparent  |  |  |  |  |  |
| It was difficult to access the Call application rules |  |  |  |  |  |
| The rules of the Call are unclear  |  |  |  |  |  |
| Procedures in case of non-compliance with the rules of the Call are too rigid |  |  |  |  |  |
| The list of eligible costs is not appropriate for the project |  |  |  |  |  |

*We thank you for your time spent taking this survey.*

*Your response has been recorded.*

 *Below is a summary of your responses                                                             Download PDF*

## **Baseline survey for partners to the Call for proposals under the Challenge program – enterprises**

The Call for proposals under the Challenge program supports consortia, comprising research organizations and enterprises, in implementing innovative projects that address specific digitalization and greening challenges. Innovative solutions must be proposed as described in the following sections and must demonstrate their potential for transformative impact in achieving Croatia’s digital transformation or transition to a climate-resilient, biodiversity-rich, environmentally sustainable, and climate-neutral economy.

**This survey collects data on that will allow us to assess the impact of grants on the research and development capacities of Croatian research organizations and enterprises. The information you provide through this survey will not be used to assess the quality of your project application. The survey data will only be used to assess the effectiveness of the Challenge program upon its completion and to inform future improvements to the Program.**

The survey must be completed by the applicant and all project partners (consortium members) listed in the project proposal.

To ensure accuracy and completeness, we recommend that the questionnaire be completed by a person within the enterprise who has the most comprehensive knowledge of the enterprise’s research and development (R&D) activities. This could be:

* R&D manager or director – if the enterprise has a dedicated R&D department.
* Innovation lead or technology officer – if the company focuses on product or process innovation.
* Chief executive officer (CEO) or chief operating officer (COO) – in cases where strategic R&D decisions are made at the executive level.
* Project manager or business development manager – if they oversee R&D projects and collaborations.

We encourage enterprises to designate the appropriate respondent in advance to streamline the completion process and ensure that responses accurately reflect the enterprise’s innovation capabilities and engagement in R&D activities.

Please complete **all** questions, unless instructed otherwise. If you take a break from filling out the survey, you can continue from where you left of if you open it in the same web browser on the same device, unless you clear browser cookies. Press the arrow at the bottom of the screen to start the survey.

Any questions regarding this baseline survey must be submitted through the application portal eDIGIT. Potential applicants and partners can submit their questions by selecting the relevant Call (DIGIT.2.1.02) on the application portal. The MSEY will respond to these questions in the form of a Frequently Asked Questions (FAQ) section. The FAQ will be published on the DIGIT Project website. (at the foot of each page)

## Enterprises

Please enter contact details in case of questions related to the form:

|  |  |
| --- | --- |
| Name and surname:  | Click or tap here to enter text.(text value) |
| Job title | Click or tap here to enter text. |
| Name of the enterprise | Click or tap here to enter text. |
| Telephone number | Click or tap here to enter text. |
| Email address  | Click or tap here to enter text.(valid email address) |

INT2\* Please note that you may be contacted for follow-up questions regarding the baseline survey, and the designated contact person may be asked for clarification or additional information.

# Project information

Important note: Please enter the correct information about the applicant and the project as they will be used to verify the completion of the survey during the administrative check.

* 1. **Please provide the full name of your project and the name of the research organization acting as the lead applicant to the Call.**

**Project name** Click or tap here to enter text.

**Applicant name (Research organization)** Click or tap here to enter text.

# Information about the enterprise

INT\_2 The questions in this section refer to an enterprise that is a member of a consortium in a project application to the Call.

**A. RESEARCH ACTIVITIES**

* 1. **Please enter the share of employees in your company who have at least a tertiary level of education (bachelor's degree and above).**

*If there are none, please enter 0.*

Percentage (%): Click or tap here to enter text.(A number between 0 and 100)

* 1. **Please enter the number of employees in your company with a doctorate.**

*If there are none, please enter 0.*

Number of employees with a doctorate:Click or tap here to enter text.(A number between 0 and 500)

* 1. **In the last three years, has your enterprise carried out any research and development (R&D) activities?**

[ ]  Yes

[ ]  No

(If "No," skip to INT\_IA)

* 1. **Please enter an estimate of the average annual R&D expenditure in the last three years.**

Amount in euros:Click or tap here to enter text. (A number greater than 0)

* 1. **Please enter an estimate of the average annual share of R&D investments in the last three years, which were funded from public sources (e.g. European Structural and Investment Funds, National Recovery and Resilience Plan, etc.).**

*If there was none, please enter 0.*

Percentage (%):Click or tap here to enter text. (A number between 0 and 100)

* 1. **Please enter an estimate of the average annual number of researchers and other support staff in your company who have been engaged in R&D activities in the last three years.**

*If there are none, please enter 0.*

Number of researchers:Click or tap here to enter text. (A number between 0 and 500)

Number of support staff:Click or tap here to enter text. (A number between 0 and 500)

**A. COLLABORATION ACTIVITIES**

* 1. **Has your enterprise engaged in collaborative R&D activities with research organizations, or procured research services from research organizations in the last three years?**

*It is possible to mark more than one response. Please tick all that is applicable.*

|  |
| --- |
| [ ]  No (exclusive answer) |
| [ ]  Yes, we collaborated with or procured services from research organizations from abroad |
| [ ]  Yes, we collaborated with or procured services from research organizations from Croatia  |

(If "Yes," skip to 2.9.)

* 1. **Please indicate up to three reasons (and at least one) why you have not collaborated in R&D activities with research organizations or procured research services from research organizations in the last three years.** (if 2.7 = No)

[ ]  We were not confident in the capabilities of research organizations

[ ]  We had administrative or legal obstacles in establishing cooperation or procuring services

[ ]  We can do all R&D independently

[ ]  We didn't have enough resources for collaboration or procuring services

[ ]  We were concerned about confidentiality

[ ]  No research organization was directly involved in our activities

[ ]  Research organizations did not understand our needs

[ ]  The services of research organizations were too expensive

[ ]  The services of research organizations were of poor quality

[ ]  We believe that the services of research organizations would not have been delivered on time

[ ]  Other (*please* specify): Click or tap here to enter text.

* 1. **Please indicate what form of collaboration it was.**

*It is possible to mark more than one response. Please tick all that is applicable.* (if 2.7. = Yes, we collaborated with or procured services from research organizations from abroad or 2.7. = Yes, we collaborated with or procured services from research organizations from Croatia)

[ ]  The collaboration was financed by external funding (e.g. grants)

[ ]  The research organization provided research services on commercial terms

* 1. **Please specify the roles of your enterprise in collaborative R&D activities with research organizations**.

*It is possible to mark more than one response. Please mark everything that is applicable.* (if 2.7. = Yes, we collaborated with or procured services from research organizations from abroad or 2.7. = Yes, we collaborated with or procured services from research organizations from Croatia)

|  |
| --- |
| [ ]  Providing technical and operational support for research activities |
| [ ]  Providing legal or business support for commercialization activities |
| [ ]  Providing financial support  |
| [ ]  Other (*please* specify): Click or tap here to enter text. |  |

* 1. **In the last three years, has your enterprise engaged in collaborative R&D activities with other enterprises or procured research services from them?**

*It is possible to mark more than one response. Please tick all that is applicable.*

|  |
| --- |
| [ ]  No (exclusive answer) |
| [ ]  Yes, we collaborated with or procured research services from enterprises from abroad  |
| [ ]  Yes, we collaborated with or procured research services from enterprises from Croatia  |

* 1. **Please indicate up to three reasons (and at least one) why you have not collaborated in R&D activities with other enterprises or procured research services from them in the last three years.** (if 2.11 = No)

[ ]  We were not confident in the capabilities of enterprises

[ ]  We had administrative or legal obstacles in establishing cooperation or procuring services

[ ]  We can do all R&D independently

[ ]  We didn't have enough resources for collaboration or procuring services

[ ]  We didn't have enough time for collaboration or procuring of services

[ ]  Other enterprises did not understand our needs

[ ]  The services of other enterprises were too expensive

[ ]  The services of other enterprises were of poor quality

[ ]  We believe that the services would not have been delivered on time

[ ]  We were concerned about confidentiality

[ ]  No enterprise was directly involved in our type of activity

[ ]  Other (*please* specify): Click or tap here to enter text.

(Skip to 2.15)

* 1. **Please indicate what form of collaboration it was.** (if 2.11 = Yes)

*It is possible to mark more than one response. Please tick all that is applicable.*

[ ]  The collaboration was financed by external funding (e.g. grants)

[ ]  The enterprise procured research services on commercial terms

* 1. **Please specify the roles of your enterprise in collaborative R&D activities with other enterprises.** (if 2.11 = Yes)

*It is possible to mark more than one response. Please mark everything that is applicable.*

|  |
| --- |
| [ ]  Providing technical and operational support for research activities |
| [ ]  Providing legal or business support for commercialization activities |
| [ ]  Providing financial support  |
| [ ]  Other (*please* specify): Click or tap here to enter text. |  |

**B. INNOVATION ACTIVITIES**

INT\_IA **Innovation activities** include the acquisition of machinery, equipment, buildings, software, and licenses; engineering and development work, feasibility studies, design, training, R&D and marketing when they are specifically undertaken to develop and/or implement a product or process innovation. This includes also all types of R&D consisting of research and development activities to create new knowledge or solve scientific or technical problems.

* A product innovation is the introduction of a **new** or **significantly** improved **good or service** with respect to its capabilities, user friendliness, components or sub-systems. A **good** is usually a tangible object such as a smartphone, furniture, or packaged software, but downloadable software, music and film are also goods. A **service** is usually intangible, such as retailing, insurance, educational courses, air travel, consulting, etc.
* A process innovation is the implementation of a **new** or **significantly** improved production process, distribution method, or supporting activity.
	1. **In last three years, has the enterprise worked on innovation activities related to:**

|  |  |  |
| --- | --- | --- |
|  | Yes | No |
| New or significantly improved **goods** (*excludes simple resale of new goods and changes of a purely aesthetic nature*) | [ ]   | [ ]   |
| New or significantly improved **services.** | [ ]   | [ ]   |
| New or significantly improved **production methods** for the production of goods or services | [ ]   | [ ]   |
| New or significantly improved **methods of logistics, delivery or distribution** for imported products, goods or services | [ ]   | [ ]   |

(If all options are marked "No," skip to 2.21)

* 1. **In last three years, has the enterprise carried out any of the following activities when developing these innovations?**

*It is possible to mark more than one reponse. Please tick all that is applicable.*

|  |
| --- |
| ☐ Applied for public funding  |
| ☐ Used services or otherwise assisted by a technology transfer office, business support organization, or similar entity (e.g., a business incubator) |
| ☐ Acquired new equipment, plant or other forms of physical capital☐ Acquired new patents, intellectual property rights, or other forms of intellectual or intangible property |
| ☐ Purchased or otherwise received consulting services from experts  |

* 1. **In last three years, have the innovation activities of the enterprise resulted in the following:**

*It is possible to mark more than one response. Please tick all that is applicable.*

|  |
| --- |
| ☐ Analysis of market potential☐ Commercialization strategy☐ Commercialization agreement |
| ☐ Collaborative research |
| ☐ Contract research |
| ☐ Protection of intellectual property |
| ☐ Licensing of intellectual property |
| ☐ Setting up a *spin-off* |
| ☐ Launching an innovation on the market (goods or services sold, processes implemented)  |

* 1. **As far as you know, are any of these innovations:** (if 2.17 = Launching an innovation on the market (goods or services sold, processes implemented))

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes | No | I don't know |
| The first in Croatia | ☐  | ☐  | ☐  |
| The first in Europe\* | ☐  | ☐  | ☐  |
| The first in the world | ☐  | ☐  | ☐  |

2.18\* *Includes the following countries: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Ireland, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Slovakia, Switzerland, Spain, Sweden, Turkey and the United Kingdom.*

* 1. **In last three years, has the enterprise carried out activities that did not result in innovation (i.e., product or process innovation being launched on the market)?**

*It is possible to mark more than one response. Please tick all that is applicable.*

|  |
| --- |
| ☐ No (exclusive answer)☐ Yes, activities were abandoned or suspended before completion  |
| ☐ Yes, activities are still ongoing |

* 1. **You have stated that the enterprise has abandoned or suspended innovation activities. What was the reason for this?**

*It is possible to mark more than one response. Please mark all applicable responses.* (if 2.19. = Yes, activities were abandoned or suspended before completion)

☐ The innovation was assessed as technically unfeasible

☐ The innovation was assessed as unprofitable

☐ The enterprise could not purchase certain tangible or intangible assets that were necessary for the development of the innovation

☐ The enterprise could not recruit staff or consultants with the skills and knowledge needed to develop the innovation

☐ A competitor or other organization developed the same or a very similar innovation before the enterprise was able to complete theirs

☐ The enterprise was unable to raise the funds needed to develop the innovation

☐ Other reasons (please specify): Click or tap here to enter text.

* 1. **Please indicate up to three (and at least one) most significant factors preventing the enterprise's innovation activities or decisions to carry them out.**

|  |
| --- |
| ☐ Lack of incentives (monetary or non-monetary) for innovation activities |
| ☐ Difficulties in obtaining funding (e.g. grants or innovation subsidies from the state budget or EU funding) |
| ☐ Lack of or difficulty in acquiring tangible assets (e.g. equipment, machinery, etc.) |
| ☐ Lack of or difficulty in acquiring intangible assets (e.g. patents) |
| ☐ Lack of or difficulty in hiring external collaborators (e.g. consultants) |
| ☐ Lack of or difficulty in forming partnerships (e.g. R&D partnerships) |
| ☐ Difficulties in obtaining intellectual property rights for the innovations of the principal investigator (e.g. through patents) |
| ☐ Uncertainty or unfavorable market conditions (e.g. demand for products, competition) |
| ☐ Uncertainty due to legislation or regulations, excessive administrative burden |
| ☐ Other (please specify): Click or tap here to enter text. |

* 1. **Please provide information on the number of patent applications your enterprise has filed and obtained in the last three years?**

*If there are none, please enter 0.*

|  |  |  |
| --- | --- | --- |
|  | Number of applications submitted | Number of approved applications |
| State Intellectual Property Office (Croatia) | (number between 0 and 100) | (number between 0 and 100) |
| European Patent Office | (number between 0 and 100) | (number between 0 and 100) |
| Other patent offices | (number between 0 and 100) | (number between 0 and 100) |

* 1. **Please mark other types of intellectual property protection that your enterprise applied for in the last three years?**

☐ Trademark

☐ Copyright

☐ Industrial design

☐ Other (please specify): Click or tap here to enter text.

☐ None (exclusive response)

* 1. **Please provide information on the number of other intellectual property protection applications your enterprise has filed and got approved in the last three years?** (if 2.23. != None)

|  |  |  |
| --- | --- | --- |
|  | *Number of applications filed* | *Number of applications approved* |
| *Trademark* (if 2.23.a selected) | (number between 1 and 100) |  (number between 0 and 100) |
| *Copyright* (if 2.23.b selected) | (number between 1 and 100) | (number between 0 and 100) |
| *Industrial design* (if 2.23.c selected) | (number between 1 and 100) | (number between 0 and 100) |
| *Specified other in 2.23.d* (if 2.23.d selected) | (number between 1 and 100) |  (number between 0 and 100) |
|  |  |  |

* 1. **In the last three years, has your enterprise recorded any income from protected intellectual property (e.g. through sales, licensing, or similar)?**

☐ Yes

☐ No

*Thank you for taking the time to fill out this survey. Your response has been recorded.*

*You may download a copy of your responses for your records.*

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