**PUBLIC TENDER FOR CO-FINANCING OF RESEARCH AND DEVELOPMENT AND**

**DEMONSTRATION-PILOT PROJECTS**

**COAL REGIONS OF ZASAVJE AND SAŠA**

**WITHIN THE JUST TRANSITION FUND**

**FORM 2**

**PRESENTATION OF THE PROJECT**

(to be completed by the applicant)

When completing the form, please pay attention to the guidelines/instructions provided and to the content of individual sub-measures, as specified in point 4 of the Explanatory Notes to the public tender.

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| 1. **EXCELLENCE OF THE PROJECT**   The quality of the project and its development foundations, from technological, non-technological, and market perspectives. | |
| **1.1 Development basis of the project** | |
| Describe the problem or challenge that your project addresses or indicate the business opportunity that your project presents. Using the Technology Readiness Level (TRL) scale, describe and demonstrate (photograph, image, link, literature, etc.) what preliminary research and development activities you have carried out to date and what stage of development the product/process/service is currently at. Also explain why you decided to carry out the project and apply for the public tender. Also indicate if you have other projects in the field of this project that are co-financed by public funds. If so, present the substantive difference between them.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* | |
| **1.2. Degree of technological excellence of the project** | |
| Present the level of technological excellence of the project. The presentation must clearly demonstrate and adequately justify the technological excellence in terms of the knowledge, technologies, or processes developed and used, the importance and scope of the project's technological achievements for achieving the project results, the quality of new knowledge, the breakthrough of new technologies, and the level of technological innovation. Clearly present the contribution/added value of the project's achievements in the relevant field in relation to the current state of development. Also present any new technological solutions that will be developed within the project. Justify the novelty of the project in relation to the state of development in the technological field itself, i.e., how is your product/process/service different? How will it be positioned in relation to the competition? The presentation should be understandable, short, and concise.  *DESCRIPTION AND JUSTIFICATION [maximum 3000 characters with spaces]:* | |
| **ONLY FOR LOTS 1.2 in 2.2:**  **1.3. Pilot/demonstration activities** | |
| Describe which pilot and demonstration activities are planned in the project. Justify that these are indeed pilot and demonstration activities (you can use the definitions of pilot and demonstration activities in point 2.3 of the Explanatory Notes to the public tender). Among other things, explain how the project will demonstrate the replicability and transferability of results during and after the implementation of the project, as well as its applicability on a larger scale. Also explain how the demonstration-pilot part of the project will be aimed at developing solutions for the use of innovative techniques or methods (pilot development) and demonstrating practical application, testing, and evaluation of activities (setting up and testing the demonstration).  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:*    Describe how you will ensure appropriate conditions (e.g., appropriate infrastructure, etc.) for the installation and demonstration of new, innovative solutions, thereby obtaining test results from actual use. If you are unable to ensure the appropriate conditions for carrying out pilot demonstration activities within your own infrastructure, please also explain how you will ensure the appropriate conditions for carrying out testing and demonstrations.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* | |
| **1.4. Degree of involvement of the innovation elements of the project** | |
| Describe how the following elements of innovation are included in the proposed project. (A more detailed description of the individual elements of innovation is provided in section 4.2 of the Explanatory Notes to the public tender):  - product/service design or industrial design,  - eco-design,  - circular business models,  - process innovations and innovations in the field of organization and marketing.  *DESCRIPTION AND JUSTIFICATION [maximum 2500 characters with spaces]:* | |
| **1.5. Market potential of the project** | |
| Describe the added value and market potential of the product/process/service you will develop as part of the proposed project (description of the market and trends, competition, market advantages, weaknesses, opportunities, and threats of the product/process/service and company). The presentation must clearly show and adequately justify the potential market for the developed product/process/service. Define access to target markets, i.e., your/the consortium's marketing capacities and competencies in target markets (domestic and/or foreign markets). Explain which user needs you have identified and will be met after the project is completed. Present and explain the timeline for the expected two-year market entry of the product/process/service. Describe the effects that a successfully implemented project will have on consortium partners (economic, financial, social), such as increased sales revenue, increased market share and profits, and new jobs.  *DESCRIPTION AND JUSTIFICATION [maximum 3000 characters with spaces]:* | |
| Describe and present the current state of technological development in the world in the field to which the project belongs. What is the competition like in the field in question: who are the main players in your target markets or who are your direct competitors? What competitive solutions are they developing or are already on the market? The presentation should be understandable, short, and concise.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* | |
| In the table below, briefly elaborate on the SWOT (SPIN) analysis or market strengths, weaknesses, opportunities and threats for the company/consortium in relation to the product/process/service you will develop.  [*The table should be up to 0,5 page of A4 size]* | |
| Table 1: | |
| **STRENGTHS** | **WEAKNESSES** |
| * … | * … |
| **OPPORTUNITIES** | **THREATS** |
| * … | * … |
| *DESCRIPTION AND JUSTIFICATION OF SWOT ANALYSE [maximum 1500 characters with spaces]:* | |

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| 1. **IMPACTS AND EFFECTS OF THE PROJECT**   Short-term and long-term impacts and effects of the project. | | | |
| **2.1 Project objective** | | | |
| Complete the table below and define the main product, process, or service that will be the project objective of your project and describe and justify up to three (3) of its characteristics. The stated objective will be included in Article 7 of the co-financing agreement and is subject to co-financing. | | | |
| Table 2: | | | |
| The project objective of the proposed project is to develop a new or improved product, process, or service with the characteristics/elements defined below (**milestone 1**) and to bring the new or improved product, process, or service to market within 24 months of the project's completion (**milestone 2**). Select **only one** of the options and provide specific details. In the case of a project that falls under section 1.2 or 2.2, as defined in point 4.3 of the public tender, it is necessary to define the 4th and 5th elements of the project objective, namely the implementation of the pilot and demonstration part of the project. For projects falling under sections 1.1 or 2.1, as defined in point 4.3 of the public tender, these two elements of the project objective are not defined.  **The characteristics/elements of the objective should be specific and verifiable and, where appropriate in terms of content, also measurable or quantitatively definable.**  **Please note! The characteristics/elements of the project objective must be achieved by the end of the project. Carefully consider whether the characteristics/elements you have listed can be demonstrated at the end of the project, how you will measure and demonstrate them, and what evidence you will use to do so.**  The main PRODUCT/PROCESS/SERVICE (underline/circle whether it is a product/process/service) that is the goal of the project is: \_\_\_\_\_\_\_\_\_     \_\_\_\_\_\_\_\_\_\_\_\_, with the following characteristics/elements: | | | |
| Characteristics /Elements 1 | *(enter characteristics/elements)* | | |
| Current state (2025) | Planned state (2028[[1]](#footnote-1)) | Justification: |
|  |  |
| Characteristics /Elements 2 | *(enter characteristics/elements)* | | |
| Current state (2025) | Planned state (2028) | Justification: |
|  |  |
| Characteristics /Elements 3 | *(enter characteristics/elements)* | | |
| Current state (2025) | Planned state (2028) | Justification: |
|  |  |
| Characteristics /Elements 4 | Implementation of the pilot part of the project (please specify this element only if the project falls under lots 1.2 or 2.2 as defined in point 4.3 of the public tender!!) | | |
| Current state (2025) | Planned state (2028) | Describe the planned activities and justify the planned target situation: |
| Not implemented. | Completed activities. |
| Characteristics /Elements 5 | Implementation of the demonstration part of the project (Please specify this element only if the project falls under sub-strands 1.2 or 2.2 as defined in point 4.3 of the public tender!!) | | |
| Current state (2025) | Planned state (2028) | Describe the planned activities and justify the planned target situation (the planned activities should include a demonstration of their use to interested stakeholders): |
| Not implemented. | Completed activities. |
| Describe how and in what way you will demonstrate and with what evidence you will support that the individual characteristics/elements (including elements 4 and 5) and also the first milestone of the project objective will be fully achieved.  *DESCRIPTION AND JUSTIFICATION [maximum 1000 characters with spaces]:* | | | |
| Describe the activities you will carry out to fully achieve the second milestone of the project objective. Also explain how you will demonstrate and with what evidence you will support that the newly developed or improved product, process, or service will be on the market within 24 months of the project's completion.  *DESCRIPTION AND JUSTIFICATION [maximum 1000 characters with spaces]:* | | | |
| **2.2 Broader social impact and strengthening partnerships** | | | |
| Describe and explain the added value that the proposed project will bring to consortium partners, target groups, users of new products, processes, or services during the project implementation and throughout the project life cycle. Also explain the multiplier effects at the local, regional, national, and/or European and/or international levels.  *DESCRIPTION AND JUSTIFICATION [maximum 1000 characters with spaces]:* | | | |
| Please explain how you will ensure the sustainability of the project (social, environmental, economic aspect of sustainability[[2]](#footnote-2)) after the use of the EU grant.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:*  the social aspect of sustainability:      .  the economic aspect of sustainability:      .  the environmental aspects of sustainability:      . | | | |
| Justify the strengthening of partnerships with strategic development and innovation partnerships, clusters, and other relevant stakeholders within the region and at the national level during the implementation of the project and after its completion.  *DESCRIPTION AND JUSTIFICATION [maximum 1000 characters with spaces]:* | | | |
| **2.3 Compliance of the project with the “do no significant harm” principle** | | | |
| The table below lists the areas that should not be harmed by the product, service or process developed in the project throughout its lifecycle. For each area, there is a definition in which a product, service or process is harmful to that area.  If the justifications are insufficient or if no justification is provided for each area, the project may be considered not to meet the condition of the call for tender that the project must comply with the ‘do no significant harm’ principle. | | | |
| Area : **Climate change mitigation**  Considering the life - cycle of the products, services and processes to be developed under the project, including evidence from existing life cycle assessments, those products, services and processes shall be considered to significantly harm climate change mitigation where the life - cycle of those products, services and processes leads to significant greenhouse gas emissions. | | | |
| Justify that the product/service/process developed by the project will not harm climate change mitigation during its life cycle.  *[maximum 1500 characters with spaces]:* | | | |
| Area: **Adaptation to climate change**  Taking into account the life cycle of the products, services and processes to be developed under the project, including evidence from existing life cycle assessments, those products, services and processes shall be considered to significantly harm climate change adaptation and/or lead to an increased adverse impact on the current climate and the expected future climate, on the activity itself or on people, nature or assets. | | | |
| Please justify that the product/service/process developed by the project will not harm climate change adaptation during its life cycle.  *[maximum 1500 characters with spaces]:* | | | |
| Area: **Sustainable use and protection of water and marine resources**  Considering the life cycle of the products, services and processes to be developed under the project, including evidence from existing life cycle assessments, those products, services and processes shall be considered to cause significant harm to the sustainable use and protection of water and marine resources where the life cycle of those products, services and processes causes harm to:  - good status or good ecological potential of water bodies, including surface water and groundwater, or  - the good environmental status of marine waters. | | | |
| Please justify that the product/service/process to be developed under the project will not harm the sustainable use and protection of water and marine resources during its life cycle.  *[maximum 1500 characters with spaces]:* | | | |
| Area: **Circular economy, including waste prevention and recycling**  Considering the life cycle of the products, services and processes to be developed under the project, including evidence from existing life cycle assessments, those products, services and processes shall be considered to cause significant harm to the circular economy, including waste prevention and recycling, where:  - one or more stages of the life cycle of those products, services and processes lead to significant inefficiencies in the use of materials or in the direct or indirect use of natural resources, such as non-renewable energy sources, raw materials, water and land, including in terms of durability, reparability, upgradability, reusability or recyclability of products;  - the life cycle of those products, services and processes leads to a significant increase in the generation, incineration or disposal of waste, except for the incineration of non-recyclable hazardous waste; or    - long-term disposal of waste can cause significant and long-term damage to the environment. | | | |
| Please justify that the product/service/process developed under the project will not harm the circular economy, including waste prevention and recycling, during its life cycle.  *[maximum 1500 characters with spaces]:* | | | |
| Area: **Pollution prevention and control**  Taking into account the life cycle of the products, services and processes to be developed under the project, including evidence from existing life cycle assessments, those products, services and processes shall be considered to significantly harm pollution prevention and control where the life cycle of those products, services and processes leads to a significant increase in pollutant emissions into air, water or land compared to pre-existing products, services and processes. | | | |
| Please justify that the product/service/process developed under the project will not harm pollution prevention and control during its lifecycle.  *[maximum 1500 characters with spaces]:* | | | |
| Area: **Protection and restoration of biodiversity and ecosystems**  Considering the life cycle of the products, services and processes to be developed under the project, including evidence from existing life cycle assessments, those products, services and processes shall be considered to significantly harm the protection and restoration of biodiversity and ecosystems where the life cycle of those products, services and processes is:  - significantly detrimental to the good condition and resilience of ecosystems; or    - detrimental to the conservation status of habitats and species, including those of Union interest. | | | |
| Please justify that the product/service/process developed by the project will not harm the protection and restoration of biodiversity and ecosystems during its life cycle.  *[maximum 1500 characters with spaces]:* | | | |

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| 1. **CONTRIBUTION OF THE PROJECT TO THE RESTRUCTURE OF THE REGION**   Contribution of the project to the economic restructuring of the region towards a low-carbon, circular, digitalized economy in accordance with the The territorial Just Transition Plan for the Zasavje Coal Region and The territorial Just Transition Plan for the Savinjska-Šaleška Coal Mining Region, including the prevention and control of pollution and in the field of climate change mitigation and the use of advanced technologies. |
| **3.1 Contribution to the transition of the region to a circular economy, including pollution prevention and control** |
| Describe and justify how the implemented project will contribute to the restructuring of the region (link to The territorial Just Transition Plan for the Zasavje Coal Region and The Territorial Just Transition Plan for the SAŠA Coal Region) in the area of transition to a circular economy, including pollution prevention and control. The project contribution in each selected area should be clearly demonstrated, valued and calculated in accordance with one of the established calculation methodologies or with a credible, reasonably chosen and well-founded methodology or, exceptionally, in the case of non-measurable contributions, clearly and concretely described. The results should be measurable, expressed as a percentage, in absolute numbers, etc..  Fill in the table for those sub-areas to which your project contributes.  Try to present the project's contribution as clearly and credibly as possible, with specific data and, if necessary, references to data sources, so that an external evaluator can verify the data or methodologies if necessary. |
| Sub-area:  **a) More efficient use of natural resources, including sustainable sources of biomass and other raw materials, in production, including by:**  **- reducing the use of primary raw materials or increasing the use of by-products and secondary raw materials, including high-quality recycling of waste, or**  **- measures for the efficient use of resources (except for energy efficiency).** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process to be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **b) Increased sustainability, extended product use, repairability, upgradeability, possibility of repurposing, possibility of reusing products.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **c) Increased recyclability of products, including the recyclability of individual materials contained in those products, inter alia by substituting or reducing the use of non-recyclable materials.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **d) Significantly reduced content of hazardous substances and substitution of highly problematic substances in materials and products throughout their life cycle, including by replacing such substances with safer alternatives and ensuring traceability.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **e) Prevention or reduction of waste generation.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **f) Reuse and recycling, ensuring that processed materials are recycled as high-quality secondary raw materials in production, thereby preventing a reduction in material quality during recycling.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **g) Prevention or reduction of emissions of pollutants, other than greenhouse gases, into the air, water, or soil, including protection of the environment from the harmful effects of municipal and industrial waste water discharges.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **h) Pollution control, including the treatment of pollutants from municipal and industrial waste water.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| **3.2 Contribution to climate change mitigation** |
| Briefly describe and justify how the project will contribute to the strategic objectives of the Updated Integrated National Energy and Climate Plan of the Republic of Slovenia dated December 18, 2024 (hereinafter: NEPN) [[3]](#footnote-3).  Next, describe and justify how the implemented project will contribute to climate change mitigation. Clearly show the project's contribution to each selected sub-area, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a credible, appropriately selected, and well-founded methodology, or, in the exceptional case of unmeasurable contributions, describe it clearly and specifically. If possible, the contributions of the project should be measurable, expressed as a percentage, absolute number, etc.  Fill in the table for those sub-areas to which your project contributes.  Try to present the project's contribution as clearly and credibly as possible, with specific data and, if necessary, references to data sources, so that an external evaluator can verify the data or methodology if necessary.  Contribution of the project to the strategic objectives of the Updated Integrated National Energy and Climate Plan of the Republic of Slovenia dated 18 December 2024 (hereinafter: NEPN).  *[maximum 1500 characters with spaces]:* |
| In the table below, present the project's contribution to climate change mitigation. The project's contribution to a specific sub-area may also be indirect.  Try to present the project's contribution as clearly and credibly as possible, with specific data and, if necessary, references to data sources, so that the evaluator can verify the data or methodologies if necessary. |
| Sub-area:  **a) Generation, transmission, storage, distribution, or use of energy from renewable sources (which includes energy from renewable non-fossil sources, namely wind, solar (solar thermal and solar photovoltaic sources) and geothermal energy, ambient energy, tidal, wave, and other ocean energy, hydropower, and from biomass, landfill gas, sewage treatment plant gas, and biogas), including the use of innovative technology that could lead to significant savings in the future, or the necessary reinforcement or extension of the network.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **b) improving energy efficiency and reducing greenhouse gas emissions.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **c) Increasing clean or climate-neutral mobility.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **d) More intensive use of technologies for environmentally safe carbon capture and utilization, and carbon capture and storage technologies that ensure a net reduction in greenhouse gas emissions.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| Sub-area:  **e) Production of clean and efficient fuels from renewable or carbon-neutral sources.** |
| Describe and justify the project's contribution in this sub-area. Present the contribution clearly, justify its value, and calculate it in accordance with one of the established calculation methodologies or with a methodology whose selection you justify, present, and explain. Exceptionally, in the case of unmeasurable contributions, describe them clearly and specifically.  *[maximum 1500 characters with spaces]:* |
| Show a comparison of the product, service, or process that will be developed in the project with existing/best-in-class products, services, or processes.  *[maximum 1500 characters with spaces]:* |
| Assess the project's potential to contribute to the specified sub-area on a global scale, considering the project's innovation and market potential.  *[maximum 1500 characters with spaces]:* |
| **3.3 Use of advanced digital technologies** |
| Demonstrate if and how the project represents an important contribution to the digital transformation of the region and a more competitive economy due to the use/deployment/development of advanced digital technologies[[4]](#footnote-4). Demonstrate which advanced technologies will be used/introduced/developed and what will be the contribution of the latter to the project itself, as well as the better/competitive position of the consortium partners and consequently a more competitive economy of the region.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* |

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| 1. **QUALITY OF CONSORTIUM PARTNERS**   Capacity of consortium partners to carry out the project: expertise and experience, management expertise and experience, equipment, external contractors, complementarity of consortium partners. | | | | | | | | | | | | | | | | | | | | | | |
| **4.1 Previous RDI references of consortium partners** | | | | | | | | | | | | | | | | | | | | | | |
| Enter in the table below the past products, publications, services, other scientific achievements, innovation awards received and other relevant to the project implementation and product/process/service development. Briefly describe in the justification how these references are relevant for the implementation of the project. Enter only important and relevant references and achievements. You can also attach supporting documents. *[Rows can be added or removed as needed].* | | | | | | | | | | | | | | | | | | | | | | |
| Table 3: | | | | | | | | | | | | | | | | | | | | | | |
|  | Company (applicant/consortium partner) | | | | | | Description | | | | | | Brief justification and description of how these references are relevant for the implementation of the project | | | | | | | | | |
| Products |  | | | | | |  | | | | | |  | | | | | | | | | |
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| Publicatons |  | | | | | |  | | | | | |  | | | | | | | | | |
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| Services |  | | | | | |  | | | | | |  | | | | | | | | | |
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| Scientific achievements |  | | | | | |  | | | | | |  | | | | | | | | | |
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| Innovation awards received |  | | | | | |  | | | | | |  | | | | | | | | | |
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| Other |  | | | | | |  | | | | | |  | | | | | | | | | |
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| **4.2 Adequacy of project manager's and managers' competencies, external knowledge needs, description of infrastructure and other relevant technical equipment for project implementation** | | | | | | | | | | | | | | | | | | | | | | |
| **4.2.1. Past experience in managing RDI projects** | | | | | | | | | | | | | | | | | | | | | | |
| Enter in the table below all RDI projects that have been co-financed by the EU and/or SLO and that you have managed or implemented in the last five (5) years. Enter the programme, public tender/call, year of approval, duration of the RDI project in months, total value of the RDI project for the company in euros. In case of collaborating with consortium partners, enter who the applicant was, and below the value only the total value of your part of the RDI project. *[Rows can be added or removed as needed].* | | | | | | | | | | | | | | | | | | | | | | |
| Table 4: | | | | | | | | | | | | | | | | | | | | | | |
| Company (applicant/consortium partner)) | | | | Name of the programme, public tender, public call | | | | | | | | | | | | Year (date of approval) | Duration of the project in months | | | Project value (EUR) | | Role in the project (applicant/partner) |
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| **4.2.2. Adequacy of staff competences** | | | | | | | | | | | | | | | | | | | | | | |
| In Table 5, enter the **project manager (lead project manager)** and **other leading staff, including by consortium partner, according to the organisational structure**. Enter their highest level of education, experience, relevant references in the field of project implementation and management and describe their assignment to the project and the field of project management. You can substantiate those references by attaching the relevant supporting documents.  IN THE CASE THAT A PERSON IS NOT YET KNOWN, INSERT THE PROFILE OF THE PERSON WHO WILL PARTICIPATE AND THE COMPETENCES YOU EXPECT FROM THIS PERSON. *[You can add or remove rows as needed].* | | | | | | | | | | | | | | | | | | | | | | |
| Table 5: **LEAD** **PROJECT MANAGER** AND **OTHER LEADING STAFF**: | | | | | | | | | | | | | | | | | | | | | | |
| Name and surname | | Company | | | | Education | | | Years of work experience | | | Relevant references for the project | | | | | | Task on the project with indication of the **management function/area** | | | | |
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| **4.2.3 Infrastructure and technical equipment** | | | | | | | | | | | | | | | | | | | | | | |
| Describe the infrastructure and other technical equipment that is essential for the implementation of the entire proposed project (in the case of projects falling under Sub-sections 1.2 or 2.2, also the pilot demonstration part) available to individual consortium partners. Also describe any equipment you do not have and how you will resolve this issue so that the project can be implemented.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* | | | | | | | | | | | | | | | | | | | | | | |
| **4.2.4 Research and development capacities** | | | | | | | | | | | | | | | | | | | | | | |
| Present the research and development capacities at the level of the applicant company and individual consortium partner. The presentation should refer to the organization of the development department/group, existing R&D staff in the company (researchers and developers, professional and technical staff), ongoing development activities.  *DESCRIPTION AND JUSTIFICATION [maximum 1000 characters with spaces]:* | | | | | | | | | | | | | | | | | | | | | | |
| **4.2.5 External knowledge** | | | | | | | | | | | | | | | | | | | | | | |
| In Table 6.1, enter the expected profiles of external contractors who will perform certain activities, describe what services they will perform, and enter the expected estimate of the costs you plan for them. If the project falls under Sub-section 1.2 or 2.2, enter the estimated tangible and intangible fixed assets that you plan to purchase as part of the project in Table 6.2. Describe how and for what purpose the assets will be used. Enter the estimated cost. | | | | | | | | | | | | | | | | | | | | | | |
| **Table 6.1**  Fill in the table below. The costs should be consistent with the amounts in FORM 3 of the application for the public tender. *[You can add or remove rows as needed].* | | | | | | | | | | | | | | | | | | | | | | |
| Consortium partner | | | | | | | | Expected service [[5]](#footnote-5) | | | | | | Purpose of the service | | | | | Estimated cost of the service | | | |
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| Describe and justify why you will choose or need this particular profile of contractors and justify the cost-effectiveness of the planned selection ("best value for money") and the method by which you will select external contractors.  *[maximum 1000 characters with spaces]:* | | | | | | | | | | | | | | | | | | | | | | |
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| **Table 6.2**  Fill in the table below (only if the project falls under Sub-section 1.2 or 2.2). The costs should be consistent with the amounts in FORM 3 of the application for the public tender.  *[You can add or remove rows as needed].* | | | | | | | | | | | | | | | | | | | | | | |
| Consortium partner | | | | | Planned tangible or intangible fixed asset (specify and describe in terms of content) | | | | | Cost category (tangible/  intangible fixed asset)[[6]](#footnote-6) | | | | | Purpose of use of the fixed asset | | | | | | Estimated cost of the fixed asset | |
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| Describe and justify why it is necessary to purchase the specified tangible and intangible fixed assets, and justify the cost-effectiveness of the planned selection ("best value for money") and the method by which you will select suppliers.  *[maximum 1000 characters with spaces]:* | | | | | | | | | | | | | | | | | | | | | | |
| **4.3 Quality of the consortium and added value of collaboration for project implementation** | | | | | | | | | | | | | | | | | | | | | | |
| In the table below, list all consortium members, briefly describe the mission of their company or relevant competencies and expertise, their responsibilities in the project, and present their commercial or scientific interest, including intellectual property rights, in achieving the project objective: | | | | | | | | | | | | | | | | | | | | | | |
| Table 7: | | | | | | | | | | | | | | | | | | | | | | |
| Consortium member | | | Company mission (business activity), competencies and expertise relevant to the implementation of the project" | | | | | | | | Project assignment | | | | | | Presentation of commercial or scientific interest | | | | | |
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| 3. | | |  | | | | | | | |  | | | | | |  | | | | | |
| Briefly describe and justify why this consortium structure is necessary for the implementation of the project, what are the complementary qualifications of the consortium partners, how will the consortium partners contribute to the implementation of the project in terms of company size and research capacity (both in terms of human resources and finances), and what is the added value of joint cooperation in achieving the project results and objectives, including in terms of contributing to the restructuring of the region. Also describe how the partnership is established and how responsibilities will be distributed.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* | | | | | | | | | | | | | | | | | | | | | | |

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| 1. **PROJECT PLANNING** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5.1 Project management processes** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Present the organizational structure for project management and implementation of project activities using the organizational chart below. Describe the overall organizational structure and decision-making processes within the consortium and explain why this organizational structure and decision-making method is appropriate given the complexity and scope of the project. Also present the organizational structure for project management and implementation within the existing organizational structure of each consortium partner and describe how this relates to the overall organization of project implementation. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Describe which tools, processes and how you will use them to manage, coordinate and execute the project. Describe and justify the project management implementation plan, i.e. how you will: manage staff, time, resources and results, monitor and evaluate project implementation, manage risks and changes and resolve potential conflicts and problems. Describe ALL the above elements.  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| In the table below, enter and elaborate on 5 risk factors related to the successful implementation of the project, due to which the stated project objective may not be achieved, and describe the planned measures to eliminate the stated risks. DO NOT ADD additional rows. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Table 8: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Risk description | | | | | Company | Activities | | | | | | Proposed risk management measures | | | | | | | | | | | | | Risk consequences | | | | | | | | | | |
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| **5.2 Project schedule plan** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| In Table 9, enter all project research, development and pilot-demonstration activities, label them, attribute them to the company (applicant and/or consortium partner), and for the implementation of a specific activity, enter the duration of the activity in months, the result of the activity that will contribute to the achievement of the project objective, the expected month when the result will be created, and the expected cost of the entire activity in euros. Each set of activities covers activities up to a certain achieved TRL level. The activities in the first set thus cover all activities that you plan before the development reaches TRL level 6. Label the activities in each set as already indicated in the table (A1, A2,… D1, D2). The last set ends with the achievement of TRL level 9, or with the completion of the product, process, service[[7]](#footnote-7).  Also enter all other possible project activities in the table that do not fall under research, development and pilot-demonstration activities and as such are not eligible for co-financing, e.g. project management, marketing, monitoring and evaluation,… *[Rows can be added or removed as needed].* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Table 9 - Activities that fall under research and development and pilot-demonstration activities: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | | | | Company | Project activity | | | | | | | | | Duration  (in months)[[8]](#footnote-8) | | | | Activity result | | | | | | | | | | | Expected month of result creation [[9]](#footnote-9) | | | | Estimated cost of the activity  (in EUR) | | | |
| A1 | | | |  |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
| A2 | | | |  |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
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| TRL 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1 | | |  | |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
| B2 | | |  | |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
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| TRL 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C1 | | |  | |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
| C2 | | |  | |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
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| TRL 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | | |  | |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
| D2 | | |  | |  | | | | | | | | |  | | | |  | | | | | | | | | | |  | | | |  | | | |
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| TRL 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Table 10 - Activities that are being carried out, but do not fall under research and development and pilot-demonstration activities: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | | | | Company | Project activity | | | | | | | | | Duration  (in months)[[10]](#footnote-10) | | | | Activity result | | | | | | | | | | | | | | | | | | |
| E1 | | | |  |  | | | | | | | | |  | | | |  | | | | | | | | | | | | | | | | | | |
| E2 | | | |  |  | | | | | | | | |  | | | |  | | | | | | | | | | | | | | | | | | |
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| **PROJECT TIMELINE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fill in the project timeline below, where you enter the activities from the table above, add durations and milestones. A milestone can represent the achievement of a certain TRL level, but you can also set milestones within activity sets. Enter all project activities according to the time component or. by activity sets according to TRL levels. The activities in this table must exactly match the activities entered in tables 9 and 10. *[Rows can be added or removed as needed].* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | PROJECT ACTIVITY | | | | | | 1. year | | | | | | | | | | | | | | | 2. year | | | | | | | | | | | | | |
| 1[[11]](#footnote-11) | 2 | 3 | 4 | 5 | | | 6 | 7 | 8 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 | 17 | 18 | 19 | 20 | 21 | | 22 | 23 | 24 |
| A1 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
| A2 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
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| TRL 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
| B2 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
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| TRL 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C1 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
| C2 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
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| TRL 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
| D2 | |  | | | | | |  |  |  |  |  | | |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |
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| TRL 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| **5.3 Efficiency and feasibility of the project financial plan** | | | |
| Present your financial planning and briefly explain the financial tables - FORM 3 (presentation of the financial plan and its structure by type of eligible costs).  *DESCRIPTION AND JUSTIFICATION [maximum 1500 characters with spaces]:*    Describe and justify how you will secure your own financial contribution and external financing (if envisaged) for the successful and effective implementation of the project (complete Table 11). | | | |
| Table 11 – Sources of project funding | | | |
| Consortium partner | Financial resources from which the company intends to finance the part of the project costs that will not be covered by the grant | Sources of funding for project implementation until the subsidy is received |
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| Place and date: | Stamp:  (if the entity operates with a stamp): | Name and surname of the legal representative of the company – applicant: |
|  |  |  |
|  |  | Signature: |
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1. Status at the end of the project, which is a maximum of 24 months after the start of the project. [↑](#footnote-ref-1)
2. In sustainable development, it is very important not to confuse economic performance with financial performance, which is cost management, sales revenue growth, profit growth, and the like. On the contrary, just as a company's environmental and social performance is focused on the direct benefits of the company's stakeholders (a healthy natural environment, satisfied local communities, committed employees), economic performance is focused on the direct development of the local economy where the company operates, which includes, among other things, the creation of new jobs. (Source: <https://www.podjetniski-portal.si/uploads/gradiva/trajnostni_razvoj/prirocnik_trajnostne_poslovne_strategije_spirit.pdf>) [↑](#footnote-ref-2)
3. The strategic objectives of the NEPN, as defined in the NEPN on pages 16-21, are considered. The document is published at the following web address: <https://www.energetika-portal.si/fileadmin/dokumenti/publikacije/nepn/dokumenti/nepn2024_final_dec2024.pdf> [↑](#footnote-ref-3)
4. Advanced (digital) technologies are defined as technologies that are still under development and have not reached the maturity stage to enable the creation of significant value, or those technologies that have reached a certain level of technical maturity but are used by a smaller number of users. In order to increase the scope of use of these technologies and expand their use to a larger number of users, the European Commission, in the "Digital Europe" program, lists the most important key digital technologies that can contribute to the technological breakthrough of the EU, a more efficient EU economy and thus a better competitive position of the European economy. The Slovenian economy, as part of the EU economy, is involved in development and implementation activities, so it is crucial that we direct the economy towards the use of advanced (digital) technologies, which are listed as key advanced digital technologies at the time of preparing the public tender. These are: robotics and/or process automation, Internet of Things, artificial intelligence for the transformation of decision-making systems (including cybersecurity), blockchain/distributed record technologies, platforms for connecting advanced technologies and synchronizing their use and optimal execution of digital twins (internal and external integration platforms), big data and/or quantum computing, virtual reality (VR) or augmented reality (AR) or extended reality (XR), 3D printing. [↑](#footnote-ref-4)
5. Do not enter a specific anticipated service provider, as changes may occur during the implementation of the project. [↑](#footnote-ref-5)
6. In this column, indicate whether the asset is tangible or intangible. [↑](#footnote-ref-6)
7. The description of the technological readiness level (TRL) is found in point 5.3.4 of the Explanatory Notes to the public tender. However, please pay attention to the definition of when a certain TRL level is reached. Only when everything stated in the level description has been implemented does the product/process/service reach this level. For example, successfully achieving TRL level 4 (technology validation in the laboratory) does not mean that the TRL of the product/process/service is already at TRL level 5, but TRL level 5 will only be reached when the technology is validated in the relevant environment. [↑](#footnote-ref-7)
8. Specify the duration in months to the nearest half month (e.g. 2.0 months; 4.5 months). [↑](#footnote-ref-8)
9. Do not write a specific month (e.g. june 2025), but the number of the month from the start of the project (e.g. the 15th month). [↑](#footnote-ref-9)
10. It means the 1st month of the project. [↑](#footnote-ref-10)
11. [↑](#footnote-ref-11)