**Application for inclusion of a strategic research infrastructure**

**in the Polish Roadmap for Research Infrastructures**

*(the requested information must be entered in the empty fields using the size 12 “Lato” font and 1.5 line spacing; the number of pages must not exceed 30; the references via hyperlinks to external websites are not allowed)*

**A. APPLICANT’S DETAILS AND STATEMENTS**

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| Applicant’s name: | Maria Curie-Skłodowska University in Lublin |
| Address, phone number, email: | 5 M. Curie-Skłodowskiej Square, 20-031 Lublin; NIP: 712-010-36-92REGON: 000001353; phone number: +48 (81) 537 51 07; email: rektor@umcs.pl |
| The electronic inbox address (ePUAP): | /umcs /lockbox |
| Name of the person legally empowered to submit the application: | Professor Radosław Dobrowolski |
| Position (function): | Rector |
| Phone number, email: | Phone number: +48 (81) 537 51 07; email: rektor@umcs.pl |
| Name of contact person for direct inquiries regarding application: |  |
| Position (function): |  |
| Phone number, email: |  |
| Persons / institutions consulted in the course of preparing application[[1]](#footnote-1): |  |

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| I declare that the information provided in this application is true and correct. | [x] [ ]  | YESNO |
| I hereby give my consent to receive correspondence by electronic means of communication in accordance with the Act of July 18, 2002 on provision of services by electronic means, in particular at the email address of the contact person. | [x] [ ]  | YESNO |

**B. GENERAL INFORMATION ON THE RESEARCH INFRASTRUCTURE**

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| Name: |  |
| Scientific domain[[2]](#footnote-2): | [ ]  Technical sciences & energy[ ]  Earth & environmental sciences[ ]  Medical, biological & agricultural sciences[ ]  Physical sciences & engineering[ ]  Social sciences & humanities[ ]  Digital infrastructures |
| Primary scope of the infrastructure: | [ ]  national[ ]  international |
| Entities involved: |  |

**C. AIMS AND OBJECTIVES OF THE RESEARCH INFRASTRUCTURE**

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| 1. **The infrastructure’s scientific and technical concept**
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| *The description should include, in particular, the following aspects:** *main goals and justification for inclusion of the infrastructure in the Polish Roadmap for Research Infrastructures,*
* *purpose and type of the infrastructure (single-sited or distributed),*
* *position of the infrastructure in the research landscape,*
* *scientific, technical and organisational challenges likely to be faced during the construction, upgrade or operation of the infrastructure,*
* *major risks and strategies to mitigate them,*
* *implementation schedule for major tasks in the next four years (2025-2028), including a description of milestones to be achieved,*
* *possible use of the already existing research facilities and buildings when implementing the infrastructure.*
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| 1. **The unique nature of the infrastructure in terms of its national and international significance**
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| *The description should include, in particular, the following aspects:** *plans for the use of the infrastructure in implementing breakthrough research and development programmes, including interdisciplinary ones, giving the reasons why these measures could not be implemented using the already existing research infrastructures*,
* *national, regional, European or international availability of the proposed research infrastructure.*
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| 1. **The underlying goals and objectives of the infrastructure, taking into account the possible implementation of national and international policies in the field of research, development and innovation**
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| *The description should include, in particular, the following aspects:** *coherence of the infrastructure’s goals and objectives with the strategic framework set out in the government's strategic documents, including in the National Science Policy (2022),*
* *expected outcomes of implementation and/or use of the infrastructure: scientific, economic, cultural and social, including mechanisms to monitor them.*
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| 1. **The applicant's institutional and personnel capacity**
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| *The description should include, in particular, the following aspects:** *available research facilities and buildings which are relevant to infrastructure’s implementation,*
* *available personnel for operating and using the infrastructure as well as planned measures to acquire the necessary scientific, technical and administrative staff,*
* *experience in managing national and international research infrastructures,*
* *experience in implementing national and international innovative research projects, as well as technology transfer projects over the last five years, including the list of major awarded grants (for a minimum of PLN 200 000 in the area of social sciences and humanities and a minimum of PLN 2 million in other areas of science) and the list of the major scientific publications (up to 30) and patents (up to 10, including information regarding implementation, if possible).*
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| 1. **The level of interest in the infrastructure shown by the scientific and research community as well as relevant businesses and industries at national and international level, in particular during the operational phase of the proposed infrastructure**
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| *The description should include, in particular, the following aspects:** *entities interested in the infrastructure’s implementation,*
* *rules concerning access for external users, from inside and outside Poland, to carry out research and development works using the infrastructure,*
* *plans to establish and extend the base of (prospective) users, from inside and outside Poland,*
* *planned contribution of external experts, including from outside Poland, to the development of the scientific and growth strategies for the infrastructure*.
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| 1. **Estimated infrastructure’s implementation costs as well as the proposed funding sources, divided into construction, upgrade and operational costs**
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| *The description should include, in particular, the following aspects:** *list of the costs involved as broken down into investment-related costs and those related to the use of the infrastructure, on annual and multiannual basis,*
* *planned measures to cover these costs within the period of 3 to 5 years, including: applicant’s own resources, funding from the national budget (including structural funds allocated under operational programmes), funds from the European Union budget, other public funds, private contributions,*
* *planned commercial use of the infrastructure, including for economic purposes, taking into account the rules on state aid*.
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| 1. **Potential for seeking international collaboration in the construction and operation of the infrastructure**
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| *The description should include, in particular, the following aspects:** *possibility of implementing the infrastructure within the international framework of cooperation, including under the initiatives recognised as strategically important by the European Strategy Forum for Research Infrastructures (ESFRI)*,
* *plan to develop international cooperation on the basis of the infrastructure, including the measures to be taken to “attract” foreign scientific, technical, and administrative staff.*
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| 1. **Other relevant information necessary to evaluate the application** (no more than 2 pages)
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1. If applicable. [↑](#footnote-ref-1)
2. In accordance with the Polish Roadmap for Research Infrastructures classification. [↑](#footnote-ref-2)