

Call for research projects requesting access to EDUC research infrastructures

31st July 2024

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Call for projects

The <u>EDUC university alliance</u> offers access to its technologies and services available via core facilities and research infrastructures. The deadline to submit project proposals is **31 October 2024.**

Aim of the call

The aim of this call for proposals is to stimulate direct interactions between EDUC partners and promote the existing research infrastructures across the consortium, namely in the Widening countries (Czechia, Hungary, Ukraine). Researchers and PhD candidates or MSc. students from the EDUC consortium are invited to propose research projects that can be implemented utilising available research infrastructures. Within one project proposal, the applicant can ask for one or more services/technologies from one or more EDUC partners participating in the call.

Applicants/users

- Researchers working at EDUC member institutions
- Ph.D. candidates of EDUC member institutions
- MSc. students of EDUC member institutions

For the purpose of this call, the employment/student status of each applicant will be checked by the home institution.

Only cross-border applications will be supported. It is not possible to request the measurement in the country of the applicant's home institution.

List of eligible EDUC member institutions (as project applicants):

- 1. Masaryk University, Czech Republic
- 2. University of Cagliari, Italy
- 3. University of Pécs, Hungary
- 4. University of Rennes, France
- 5. University of Potsdam, Germany
- 6. University Paris Nanterre, France
- 7. University of South-Eastern Norway, Norway
- 8. University Jaume I, Spain
- 9. Vasyl Stefanyk Precarpathian National University, Ukraine

Available equipment and services for this call

The following EDUC-WIDE partners participate in the call as service providers with the respective core facilities / research infrastructures.

- Masaryk University
 - Generations and Gender Programme (GGP-CZ)
 - o Experimental Economics Laboratory (MUEEL)
 - o Centre for Biomedical Image Analysis (CBIA)
 - Multimodal and Functional Imaging Laboratory (MAFIL)





- Genomics Core Facility
- o Biomolecular Interactions and Crystallography (BIC)
- Experimental Humanities Laboratory (HUME Lab)
- o Josef Dadok National NMR Centre
- Cryo-electron microscopy and tomography core facility (CEMCOF)
- o Centre for plasma and nanotechnology surface modifications (CEPLANT)
- University of Pécs
 - National Laboratory of Virology BSL4 laboratory
 - Hungarian Centre for Genomics and Bioinformatics
 - o Behavioral Sciences Lab
 - o 3D Printing and visualization centre (3D centre)
- Vasyl Stefanyk Precarpathian National University
 - o Laboratory of plant micropropagation
 - Fruit Fly Facility
 - Animal Facility
 - o <u>Laboratory of Animal Metabolism</u>
 - <u>Laboratory of Fluorescence Spectroscopy</u>
 - Laboratory of Semiconductor Material Science for energy application
 - o Educational and Scientific Center of Materials Science and Nanotechnologies
 - Nanotechnology lab for materials science, energy and medicine (PNU-NanoLab)
 - The International Scientific Center "Observatory"

Note on the situation in Ukraine: The situation in Ukraine might not allow for travelling there. But it is still possible to ship samples and have them analysed by the local staff.

For better navigation in the database of EDUC research infrastructures, we invite you to visit our YouTube channel, where a collection of instructional tutorials is available. Access the tutorials via the following link:

https://www.youtube.com/watch?v=r08jpv0fWsY&list=PLqr3oSPZLVsrMrXoQGY6cluyzum53 YvOA

Selection process

The selection process is composed of the following four steps:

- 1) Administrative check formal check of the application; relevant EDUC-WIDE member institution confirms the employment/student status of the applicant.
- 2) Technical feasibility heads of the respective core facilities judge the technical feasibility of the presented research project at their facilities (YES/NO decision). Head of each facility/laboratory requested in the project proposal needs to approve/reject technical feasibility. In the case of approval, a preliminary budget of the project will be specified by the head of the facility upon the agreed methodology of cost claims.
- 3) Peer review each application will be evaluated by at least one scientific reviewer nominated by the facility who can 1) recommend the project for funding, 2) recommend the project only partially (with proposed changes), or 3) reject the project from funding.





- 4) Final list of projects to be funded (in line with the available budget) will be discussed and approved by the EDUC-WIDE Expert Group on Research Infrastructures according to the following criteria:
 - At least one project funded per partner university (if there is an application)
 - Projects pursuing one of the 11 research topics of the EDUC research agenda (see research topics below)
 - Project proposals submitted by early-stage researchers (PhD candidates, PostDocs)

At the end of this process, all applicants will be informed about the outcome of the selection.

Deadlines

- The call is open from 31st July till 31st October 2024
- Applicants will be informed about the outcome of the call by 30th November 2024
- All projects must be implemented by 30th September 2025.

Funding

The total allocation of funding of this call is 60.000 EUR.

Use of the research infrastructure, including consumables, necessary training and interpretation of the obtained results, is provided to the users for free. The users are obliged to provide their own samples of sufficient quality.

Under the call, users are eligible for reimbursement of their travel and subsistence costs or cost of shipping of the samples. These costs have to be specified in the project proposal. The allocated amount of travel/sample shipping costs will be detailed in the funding decision.

Detailed table specifying the individual partners and their possibility for the costs to be covered (experiments or also travel / sample shipping) under this call.

| University | User Access Budget | Travel Expenses Budget |
|--|-----------------------|---------------------------|
| University Paris NanterreUniversity Rennes | ✓ | X |
| University of Pécs University of Potsdam University of Cagliari Jaume I University University of Southern-Eastern Norway Masaryk University Vasyl Stefanyk Precarpathian National University | | |





Project proposals that have successfully passed through the selection process will be supported by the EDUC-WIDE project funded by the European Union's Horizon Europe Widening participation and spreading excellence programme under grant agreement No. 101136533.

How to apply

To apply for the call, please register in the EDUC OpenUp platform. Then you can easily submit your application at https://educ.openup.education/infrastructure-call.

We strongly suggest you to consult the head of the respective core facility / research infrastructure (listed in the database) before submitting your application.

Info sessions and further information

All information about the call is available on https://educ.openup.education/infrastructure-call. Physical information events/webinars will be organised to explain the details of the call and answer any questions:

Physical information event/webinar 1

- WHEN: 12th September 2024, 15:30-17:45 (local time)
- WHERE: University of Cagliari, Italy
 - Physical presence: Faculty of Engineering and Architecture, Building N, Room B0 – Dept. Of Electrical and Electronic Engineering, via Is Maglias, 196, Cagliari
 - Webinar: connection link will be shared with all registered several days before the event
- REGISTRATION: Registration form for the webinars for the call for research projects requesting access to EDUC research infrastructures (google.com)

Physical information event/webinar 2

- WHEN: 18th September 2024, 9:00-10:30 (local time)
- WHERE: University of Pécs, Hungary
 - o Physical presence: Szentágothai Research Centre, Pécs, Ifjúság útja 20, 7624
 - Webinar: connection link will be shared with all registered several days before the event
- REGISTRATION: Registration form for the webinars for the call for research projects requesting access to EDUC research infrastructures (google.com)

Contacts

For general enquiries, please contact your local EDUC-WIDE contact listed below. Questions about the available technologies and technical feasibility of your research project shall be directed to the heads of the respective EDUC-WIDE core facilities / research infrastructures, whose contact details are listed in the database.





| University | Name | Email |
|------------------------|------------------------|--|
| Masaryk University | Adéla Šafaříková | safarikova@rect.muni.cz |
| University of Cagliari | Elisabetta Cagetti | educ-wide@unica.it |
| University of Pécs | Antonio Carrizo | antonio.carrizo@pte.hu |
| University of Rennes | Julie Newton | julie-anne.newton@univ-rennes.fr |
| University of Potsdam | Ulrike Schmidt | ulrike.schmidt@uni-potsdam.de |
| Université Paris | Ghislaine Glasson | gglasson-des@parisnanterre.fr |
| Nanterre | Deschaumes | |
| University of South- | Mary Anderson-Glenna | mary.anderson-glenna@usn.no |
| Eastern Norway | | |
| University Jaume I | Jose A. Mata / Lourdes | <u>jmata@uji.es</u> / <u>lchiva@uji.es</u> |
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| Precarpathian National | Kotsiubynskyi | volodymyr.kotsdybynsky@pnd.edd.da |
| University | | |



General Conditions of Access

Intellectual property

The user is responsible for the protection of the eventual intellectual property rights. In case information provided to the facility/laboratory is of a confidential nature the user shall negotiate the execution of a mutual Non-Disclosure Agreement (NDA) between the user's organisation and the facility/laboratory

Intellectual Property generated within the research projects belongs to the user. In case of the mutual written agreement between the facility/laboratory and the user, the facility/laboratory is entitled to use the results in a non-commercial way for its own research, projects, development and teaching/education activities. Any use of the results of the service/measurement must be acknowledged following the rules defined in the acknowledgement section of this call. In the case of cooperation/collaboration between the user and facility/laboratory, the results (intellectual property) are owned by the party that generates them. The user and facility/laboratory as a service provider own result jointly if they have generated them jointly. The joint owners shall agree (in writing) on the allocation and terms of the exercise of their joint ownership ('joint ownership agreement').

Nature of research and publication of results

This call intends to support basic research projects conducted in academic institutions. All research results achieved under this call shall be published. User shall follow the best practice by publishing in Open Access journals and provide their data in a FAIR manner.

Acknowledgements

Publications resulting from work undertaken on EDUC-WIDE core facilities must contain an acknowledgement according to the following pattern:

• EDUC-WIDE project, funded by the European Union under Grant Agreement No. 101136533, is gratefully acknowledged for the financial support of the measurements at the CF [name of the unit/CF] from [name of hosting university].

Or in a short version:

• We acknowledge [name of the unit/CF] of EDUC-WIDE, supported by the European Union under Grant Agreement No. 101136533.

Similar acknowledgement should be included during conference presentations, including the proceedings, and at other public presentations.

• This [infrastructure][equipment][insert type of result] is part of a project supported by the European Union under Grant Agreement No. 101136533.

Users shall notify the organisers of this call of all publications that resulted from their work by using the research infrastructure listed in the EDUC-WIDE database and supported by the EDUC-WIDE project. Please send the PDF file and reference details of the publication as soon as it is accepted for publication to safarikova@rect.muni.cz. Please indicate the type of publication: Scientific Journal, Book, Patent, Proceedings, article on www, other. These publications should also carry the acknowledgement given above.





Safety requirements

Users must comply with all the relevant health and occupational safety rules. Users who carry potentially dangerous materials and/or equipment must notify the user office and host organisation in the application. All visitors bringing material, including samples or equipment are advised that such equipment or material remains entirely the responsibility of the visitors concerned.

Final report

Each user is obliged to send a final report on services used under this call, including feedback related to the quality of service and quality of outputs to safarikova@rect.muni.cz by 30th September 2025.





EDUC research agenda topics

- 1. Cyber Security and Artificial Intelligence
- Sustainable Changes: Climate and Resources
 Culture and Heritage
- 4. European Union Studies
- 5. Justice, Inequality and Inclusion
- 6. Lifelong Health and Wellbeing
- 7. Mobility/Smart Cities
- 8. Biochemistry and Molecular Biology
- 9. Behavioural/Neuroscience studies
- 10. Economics & Business
- 11. Material sciences

