University of Rennes
2, rue du Thabor
35 000 Rennes
France

Call for research projects demanding access to EDUC research infrastructures

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Call for projects

EDUC university alliance offers access to its technologies and services available via core facilities and research infrastructures.

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. Researchers and PhD students from the EDUC consortium are welcome to apply within their research projects that can be implemented with the help of available research infrastructures at the other EDUC partners. Within one project proposal, the applicant can ask for one or more services/technologies from one or more EDUC partners participating in the call.

Beneficiaries/users

- Researchers working at EDUC member institutions
- Ph.D. 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.
List of eligible EDUC partners:

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. Université Paris Nanterre, France

Available equipment and services for this call

The following EDUC-Share partners participate in the call as service providers with the respective core facilities:

- Masaryk University
  - CEITEC - Nanobiotechnology Core Facility
  - CEITEC - Core Facility Cellular Imaging (CELLIM)
  - CEITEC – Josef Dadok National NMR Facility (NMR)
  - CEPLANT - plasma and nanotechnology surface modifications
  - RECETOX
    - Population studies
    - Central Laboratories
    - Data services
  - HUME Lab – experimental social sciences
- University of Cagliari
  - Single-Crystal X-Ray Diffraction (SC-XRD)
  - Nuclear Magnetic Resonance (NMR)
  - Ultrafast Optical Spectroscopy facility
  - Mass Spectrometry
- University of Pécs
  - Genomics and Bioinformatics Core facility

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    - Biosafety Level 4 (BSL-4) Virological Laboratory
- University of Rennes
    - BIOSIT: Infrastructure in the field of biology and health
        - UNIVREN-BIOSIT-MRic
        - UNIVREN-BIOSIT-H2P2
        - UNIVREN-BIOSIT-CDTP
        - UNIVREN-BIOSIT-PRISM
        - UNIVREN-BIOSIT-L3
        - UNIVREN-BIOSIT-ImPACcell
        - UNIVREN-BIOSIT-CytomeTRI
        - UNIVREN-BIOSIT-Protim
        - UNIVREN-BIOSIT-Arche
        - UNIVREN-BIOSIT-PFBI
        - UNIVREN-BIOSIT-Cani-DNA
        - UNIVREN-BIOSIT-BIM3D
        - UNIVREN-BIOSIT-CRB Santé
    - OSUR: Infrastructure in the field of earth sciences, ecology, and human/environmental relations
        - UNIVREN-OSUR-Condate-Eau
        - UNIVREN-OSUR-LidarNR
        - UNIVREN-OSUR-EcogenO
        - UNIVREN-OSUR-GeOHeLiS
        - UNIVREN-OSUR-EcoChim
        - UNIVREN-OSUR-LAGO
        - UNIVREN-OSUR-ImaGéo
        - UNIVREN-OSUR-PISTE
    - SCANMAT: Infrastructure in the field of material sciences (analytical chemistry, structural characterization, mechanical and optical spectroscopy, synthesis)
        - UNIVREN-SCANMAT-CMEBA
        - UNIVREN-SCANMAT-CRMPO
        - UNIVREN-SCANMAT-SIR
        - UNIVREN-SCANMAT-THEMIS
        - UNIVREN-SCANMAT-S2 WAVE
        - UNIVREN-SCANMAT-CAPHTER
        - UNIVREN-SCANMAT-Osirix
        - UNIVREN-SCANMAT-Nanomeca
- Université Paris Nanterre
    - Archéoscopie – optical and electron microscopy tools for material sciences, biology and health sciences
    - EPNR (Education, Psychology and Neurosciences) - Psychology/neuroscience lab tools
    - Audiovisual & Multimedia Platform
- University of Potsdam
    - Theodor-Fontane-Archive
    - Institute of Geosciences

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Selection process

The selection process is composed of the following four steps:

1) Administrative check – formal check of the application (all the compulsory fields filled); relevant EDUC-Share 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 implemented will be discussed and approved by EDUC-Share WP2 representatives (adjustment according to the available budget for the call with a perspective of each of the EDUC-Share partners to serve at least one project). If the call budget allows, they can also allocate travel funds to individual proposals.

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

Deadlines and Funding

- The call is open from 1st March 2023 till 30th April 2023
- Applicants will be informed about the outcome of the call by 31st May 2023
- All projects must be implemented by 30th November 2023.

Project proposals that have successfully passed through the selection process will be supported by the EDUC-Share project funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No. 101017526. Use of the research infrastructure, including 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. The grant, in general, does not cover travel & accommodation expenses.

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

How to apply

If you want to apply to the call, you need to register in the OpenUP platform of EDUC. Then you can easily submit your application at https://educ.openup.education/infrastructure-call.
Before submitting the application we strongly advise you to consult your project with the head of the respective research infrastructure (as listed in the core facilities database).

Information and webinar

All information about the call is available on https://educ.openup.education/infrastructure-call.

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A webinar about the call will be organised to explain the details of the call and answer any questions:

- Timing: 16.3.2023, 15:00 - 16:00 CET
- Connection link: https://cesnet.zoom.us/j/95170207314

Webinars presenting core facilities

A series of webinars introducing core facilities participating in the call will be organised during March and April.

- 6th April, 15:00-16:30
  - Institution: Masaryk University
  - Connection link (ZOOM)
  - Core facilities to be presented:
    - CEITEC - Nanobiotechnology Core Facility
    - CEITEC - Core Facility Cellular Imaging (CELLIM)
    - CEPLANT - plasma and nanotechnology surface modifications
- 13th April, 14:00-15:00
  - Institution: University of Rennes
  - Connection link, meeting ID: 957 2707 2726, secret code: 191352
  - Core facilities to be presented:
    - BIOSIT: Infrastructure in the field of biology and health
    - OSUR: Infrastructure in the field of earth sciences, ecology, and human/environmental relations
    - SCANMAT: Infrastructure in the field of material sciences (analytical chemistry, structural characterization, mechanical and optical spectroscopy, synthesis)
- 20th April, 14:00-15:00
  - Institution: University of Pécs
  - Connection link (MS Teams)
  - Core facilities to be presented:
    - Genomics and Bioinformatics Core facility
    - Biosafety Level 4 (BSL-4) Virological Laboratory
- 27th April, 10:00-11:00
  - Institution: University Paris Nanterre
  - Connection link (MS Teams)
  - Core facilities to be presented:
    - Audiovisual & Multimedia Platform (MSHM)
    - Archéoscopie - Electronic microscopy tools (MSHM)
- 27th April, 15:00-16:00
  - Institution: University of Cagliari
  - Connection link (ZOOM)
  - Core facilities to be presented:
    - Single-Crystal X-Ray Diffraction (SC-XRD)
    - Nuclear Magnetic Resonance (NMR)
    - Pump-probe Transient Absorption Spectroscopy
    - Mass Spectrometry

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Contacts

For general enquiries, please contact your local EDUC-Share 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-Share core facilities, whose contact details are mentioned in the database.

University	Name	Email
Masaryk University	Ondřej Hradil	hradil@rect.muni.cz
University of Cagliari	Sara Melis	sara.melis3@unica.it
University of Pécs	Zsolt Bedo	bedo.zsolt@ktk.pte.hu
University of Rennes	Virginie Nazabal Alain Bouchereau	virginie.nazabal@univ-rennes.fr alain.bouchereau@univ-rennes1.fr
University of Potsdam	Katharina Kloss	katharina.kloss@uni-potsdam.de
Université Paris Nanterre	Claudia Dell'Uomo d'Arme	claudia.dd@parisnanterre.fr

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General Conditions of Access

Intellectual property

Intellectual property generated within the research projects belongs to the user.

Nature of research and publication of results:

This call intends to support projects of basic research conducted in academic institutions. All research results achieved under this call shall be published.

Acknowledgements

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

- *EDUC-Share project funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No. 101017526, 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-Share, supported by European Union's Horizon 2020 under grant agreement No. 101017526.*

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 that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101017526*.

Users shall notify the organizers of this call of all publications that resulted from their work by using the research infrastructure listed in the EDUC-Share database and supported by the EDUC-Share project. Please send the PDF file and reference details of the publication as soon as it has been published to hradil@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 organization 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.