Euro-BioImaging ERIC:

Expression of Interest for Euro-BioImaging Node

Data protection:

All application data will be held securely according to the Euro-BioImaging ERIC Personal Data Policy. The gathered information will be available only to selected members of the Euro-BioImaging Hub Office and to the Euro-BioImaging Scientific Advisory Board for processing and evaluation and to the Euro-BioImaging Board for their decision-making.

Instructions:

Please note that this is just a support document showing the questions to be addressed within the Expression of Interest form.

The formal Expression of Interest and the required support documents have to be submitted through the shared link during the application timeframe. Expressions of interest received via other channels will not be considered

If you have any questions, please feel free to email us at hub@eurobioimaging.eu.

A. Contact details

A1. Name and address of the applicant

Name of the applicant (University/ Organisation/ Institute):
Address:
ZIP:
City:
Country:

A2. Name of the contact person

Name:
Function of the contact person:
Email:
Phone number:

Abstract

Please provide a short summary of the application, describing the existing and upgraded node, the additional technologies/services which will be included, the strengths contributed by the new facility(ies), alongside core information about the new institution(s). (350 words)

B. Basic Information

B1. Please tick as applicable:

- We operate a mature imaging facility and foresee an upgrade of the existing imaging facility for hosting Euro-BioImaging users
- We aim to create a facility to now offer open access to imaging technologies. We have leading expertise and capacity/instrumentation in at least one cutting edge imaging technology covered by this call.

B2. Did you communicate to your National Imaging Community before submitting this application?

- Yes
- No
- Other

B3. Please provide short information about your relationship with the National Imaging Community. In case of existing Euro-Bioimaging Node(s) in your country, please explain why you are applying for forming a new Node instead of joining an existing Node?

Type of Node you are expressing interest for:

B4. *Based on the number of sites*, the 'Type of Node' you are expressing your interest for is

- Single-sited Node, which will provide the complete service package in a single location.
- Multi-sited Node, which will provide an integrated service package (with a single entry-point for the user).

B5. For a multi-sited Node, please indicate the number of hosting institutions/facilities composing the Node

Name of hosting institution/facility n.1 etc

B6. If you express your interest to establish a multi-sited Node, please describe for your offered selected technology(ies) the added value this model provides to the user over a structurally simpler single-sited Node model, paying particular attention on describing the complementarity and synergies across the different Node sites.

Imaging Technologies you are applying for:

B5. Please list all technologies you are planning to offer:

User Need

B6. The applicant demonstrates the user need for the proposed capacity by submitting Letters of Intent (LoI) from at least 5 potential Euro-BioImaging users. Majority of LoIs should be for transnational user access (except industry users).

B6a. Please provide a substantiated estimate of the number of Euro-BioImaging users/projects for the first two years of the operational phase.

B6b. How many LoIs do you provide?

B6c. Please upload the single PDF containing all LoIs. Please include as a first page of this pdf an overview table of all LoIs, including the letter writers institution, target facility (if multiple facilities are included), and topic and technology of proposed project.

B6d. Based on the LoIs, please summarize the expected impact of the granted open access to the Node e.g. for the addressed research field and other fields, the technological progress, industry relationship etc. (max 3000 characters)

C. General Review Criteria

C1. Scientific and technical excellence

C1a. Please describe the scientific and technical excellence of the existing/ planned imaging infrastructure. (max 3000 characters)

C2. Quality and scientific field of the academic environment

C2a. In order to demonstrate the quality and field of the academic environment, please indicate in which scientific fields the facilities hosting the Node have proven track record:

- Structural Biology
- Cell Biology
- Developmental Biology
- Physiology
- Neurobiology
- Microbiology
- Plant Biology
- Preclinical/Animal Research
- Clinical Research and Clinical Studies
- Interventional Radiology
- Other

C2b. For already operating facilities, please list the top 10 relevant publications from the last three years demonstrably resulting from science enabled by the infrastructure or the applicant. Make sure to include representative publications from the fields selected in question C1c

C3. Geographic coverage

Please describe the geographic coverage of the existing/planned infrastructure in the national and international context. (max 3000 characters)

C4. European and national significance

C4a. Please demonstrate your national significance, e.g. by describing your role in or a dialogue with the national imaging initiative if such initiative exists. If no initiative exists in your Country, you may lay out a plan to establish one.

C4b. Please demonstrate your European significance e.g. by describing for which innovative imaging technology or area of biomedical research is your expertise and service unique or outstanding on the European landscape and why.

C5. Maintenance and update

Please describe the sustainability strategy for keeping the imaging facility cutting edge, providing the maintenance and update plan for the first five years of operation. (max 3000 characters)

C6. Quality assurance

Please provide a plan for a quality assurance system (covering maintenance of instrumentation, services and procedures) and quality control (covering monitoring of user satisfaction and project success in terms of published results). Please state if such a system is already in place at the facilities. (max 3000 characters)

C7. User access and Service package

C7a. Please provide the number of total users (external and internal) and the fraction of external users served so far, and describe the access procedure.

C7b. From the user point of view, please describe the typical user access to your Node and the services provided to the user. Please also describe how you will organize the single point of contact at the Node. (Max 3000 characters)

C7c. Please describe how you will manage all relevant aspects of administration and coordination of Node construction and operation. (Max 3000 characters)

C8. User training

C8.a. Please describe and demonstrate your capacity in user training in imaging technologies (e.g. by providing a number and list of training activities and a number of participants in the last three years).

C8.b.Please provide an outlook of planned training events within the next two years.

C8c. For multi-sites Nodes, please describe any plans for joint trainings across the different sites and how the existing trainings complement each other. (Max 2000 characters)

C9. Costs Overview

C9a. Please indicate if specific investments from the national funder are foreseen for the construction and operation of the new Node and outline the timeframe and scale of such investment.

C9b. If existing support is present already, please indicate this, including the scale of funding and what it will be applied for.

C9c. Please upload the respective evidence of the investment e.g. letter of investment from funder

C9d. Please provide estimations of the following cost categories for the imaging facilities that will be included in the Node:

- Number and estimated investment value of all imaging instruments which will be available to Euro-BioImaging users through the Node
- Number of staff (FTEs) working at the facilities who will be available for supporting Euro-BioImaging users as needed (e.g. facility manager, bio/optical- technicians, imaging operators, veterinarians, image analysis specialist, admin staff).
- Value associated with additional equipment (servers, animal facilities, other)

D. Technology Specific Review Criteria

D1. Please demonstrate how you plan to fulfill technology specific review criteria presented in the 'Technology Specific Review Criteria' document specific for the technology(ies) you are submitting EoI for. Especially refer in detail to the capacities that are of high relevance for your offered technology(ies) and on capacities available to handle technical and administrative matters. (Max 15.000 characters)

E. Eligibility

Please demonstrate your eligibility by addressing the following five eligibility criteria:

E1. The applicant demonstrates that their National Representing Entity on the Euro-BioImaging Board supports this application, supporting this information by submitting a letter of support signed by the Representing Entity on the Euro-BioImaging Board.

E1a. Please upload the document demonstrating support from the National Representing Entity as a PDF.

E2. The applicant demonstrates that communication with funders for the participation in Euro- BioImaging has started, supporting this information by submitting a letter from the funder or other documentation. Such document should demonstrate that the applicant and the funder have communicated about this Node proposal regarding e.g. potential funding opportunities for Node construction and operation as part of Euro-BioImaging ERIC, integration in the national funding programmes/roadmaps etc.

Which document demonstrating the dialog with funders do you provide?

- Letter from the funder
- National funding programme/roadmap with reference to Euro-BioImaging and this Node proposal
- Recently submitted or granted research infrastructure proposal(s) related to this Node application
- Other

E2a. Please upload the document demonstrating dialog with funders as a PDF.

E2b. Please describe the attached document demonstrating the dialog with funders

E3. The applicant commits to provide open access for Euro-BioImaging users up to at least 50% of newly created capacity for Euro-BioImaging.

- Yes, we guarantee the above stated requirement in the attached Letter of Commitment (official document should be signed by the legal representative of the applying Institution, stamped and uploaded under question E5b. In the case of multi-sited Nodes, letters should be provided by all hosting institutions).

E4. The applicant demonstrates that the single-sited or multi-sited Node will constitute a legal entity, which in its entirety will become part of the pan-European distributed research infrastructure Euro-BioImaging ERIC and as such a legal contractual partner of Euro-BioImaging ERIC. Please describe the planned legal model of the Node to fulfil this criterion..

Note: New models that permit Nodes composed of several different legal entities to act as a single contractual partner of Euro-BioImaging and ensure that it is legally responsible for the performance of all services offered may be developed.

E5. Do the institutions hosting the expertise officially commit to support the future Euro-BioImaging Node (provision of Letters of Commitment)?

- Yes ● No

E5a. If yes, what kind of support do the institutions commit to provide?

- Scientific expertise
- Administrative support
- Infrastructure
- Accommodation for users
- Other

E5b. If yes, please upload the Letters of Commitment as a PDF.