



Euro-BioImaging Node  
-  
Expression of Interest  
Form

## Data protection:

All Expression of Interest data will be held securely and the gathered information will be available only to the members of the Euro-Biolmaging project management team for processing and to the Independent Evaluation Board for evaluation.

Please indicate if you do not want the project management to forward your data confidentially to the technical Work Package Chairs for further developing the Euro-Biolmaging infrastructure model (e.g. data on training courses in your facility).

- I agree to forward the data to the WP Chairs (WP6, WP7, WP8, WP11, WP12, WP13) as this is important for further developing the Euro-Biolmaging infrastructure model.
- Please do not forward the data.

## Submission deadline:

Expression of Interest must be submitted latest by **April 30, 2013, 5 PM (CET)**.

## Instructions:

This form supports your Expression of Interest (Eol) to become a future Euro-Biolmaging Node. Please refer to the *General Criteria for Application for Euro-Biolmaging Nodes* and *Technology Specific Review Criteria* documents which provide information on the structure and responsibilities of the Nodes.

All compulsory fields are indicated with an asterisk and have to be filled in. It is not possible to attach documents or paste charts and images.

Once you have filled in the form, please save it as APPLICANT NAME\_NodeEol.pdf and email it to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) before the deadline. The total size of all documents together sent in one E-mail cannot exceed **10Mb**.

You should also email us all requested **supporting documents**, in pdf format named as indicated below:

1. Single PDF of all User Letters of Intent (file name: APPLICANT NAME\_USER LOIs.pdf)
2. For Nodes hosted by more than one institution, please provide additional documents supporting the described/foreseen legal model, if available. (in a single PDF, file name: APPLICANT NAME\_Legal model.pdf)
3. Document demonstrating communication with funders (file name: APPLICANT NAME\_funders.pdf)
4. Document demonstrating commitment of the institution hosting the facility including the statement to provide open access for Euro-Biolmaging users up to at least 50% of the newly created capacity for Euro-Biolmaging as well as the additional support, signed by the legal representative of the Institution and stamped. For multi-sited nodes, these documents should be provided by all hosting institutions (in a single PDF, file name: APPLICANT NAME\_institution.pdf)
5. Template form - Costs Concept (file name: APPLICANT NAME\_Costs Concept.pdf)
6. Document providing evidence of investment (where applicable) (file name: APPLICANT NAME\_Investments.pdf)

Please make sure that you enter exactly the same file name of each supporting document in the corresponding field of this Expression of Interest form. Only so you will make sure that your document is correctly matched to your Eol.

We will acknowledge the receipt of your Eol within seven days after submission.

If you have any questions, please feel free to E-mail us on [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu).

*Your Euro-Biolmaging project management team.*

## A. Contact details

The applicant is a legal entity a) hosting an existing facility or b) planning to create a new facility based on a leading expertise and capacity/instrumentation in cutting edge imaging technologies.

### A1. Name of the applicant (University/ Organisation /Institute )

Name of the existing facility (where applicable):

Address:

ZIP

City

Country

### A2. Name of the contact person

Function of the contact person

Email:

Phone number:

## B. Basic Information

B1. Please tick as applicable:

- We operate a mature imaging facility and require an upgrade of the existing imaging facility
- We aim to create a new 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. If you already operate an imaging facility, do you offer open access to external users and in which form (number of users/year, % of capacity (machine time + staff time for each external user), selection procedure, access protocols, ....):

B3. Did you communicate with your National Imaging Community before submitting this application?

Yes

No

Other

B3a. Please provide short information about your relationship with the National Imaging Community.

**Type of Node you are expressing interest for:**

B4. *Based on the offered imaging technology*

Type of Node you are expressing your interest for is:

Single Technology Flagship Node

Multimodal Technology Node

B5. *Based on the number of sites*

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).

B6. If you express your interest to establish a multi-sited node, please describe the added value this model provides to the user over a structurally simpler single-sited node model for selected technology(ies).

**Imaging Technologies you are applying for:**

B7. For which imaging area are you submitting EoI (if applying for Multimodal Technology Node combining technologies from different areas, please select all areas that apply):

- Biological Imaging (Multi-modal ALM, CLEM, Functional Imaging, High-throughput Microscopy, Super-resolution Microscopy, Mesoscopic Imaging)
- Molecular Imaging (Multi-modal Molecular Imaging)
- Medical Imaging (High-field MRI, MRI-PET, Phase Contrast Imaging)

B8. If submitting EoI for a Single Technology Flagship Node, please select the specific technology(ies). If applying for more than one Flagship technology, please select all technologies you are applying for.

- Correlative Light-Electron Microscopy
- Functional Imaging
- High-throughput Microscopy
- Mesoscopic Imaging
- Super Resolution Microscopy
- High-Field MRI
- MRI-PET
- Phase Contrast Imaging

B9. If submitting EoI for the Multimodal Technology Node, please chose the type of Node (any combination of the above listed technologies can be proposed for the Multimodal node, if a convincing concept of the service for the user can be presented):

- Advanced Light Microscopy Multimodal Technology Node
- Molecular Imaging Multimodal Technology Node
- Other

B10. If submitting EoI for the Multimodal Technology Node, please list all technologies you are planning to offer:

## C. Eligibility

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

C1. Applicant from all ESFRI countries are eligible (member or associated)

Yes, our institution belongs to an ESFRI country

Name the country

C2. The applicant demonstrates the user need for the proposed capacity

by submitting Letters of Intent (LoI) from at least 50% of potential Euro-BioImaging users for which open access capacity is planned for the first two years of operation, or from at least 30 users, whichever is less.

C2a. Please provide a substantiated estimate of the number of Euro-BioImaging users/projects for the first two years of operational phase.

C2b. How many Lols do you provide?

C2c. Please send the single PDF containing all Lols to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) together with this application form.

Please enter the name of the sent document here (APPLICANT NAME\_USER LOIs.pdf):



C2d. Based on the Lols, please summarize the expected impact of the granted open access to your imaging facility e.g. for the addressed research field and other fields, the technological progress, industry relationship etc.

C3. The applicant guarantees to provide open access for Euro-Biolmaging users to at least 50% of the newly created capacity for Euro-Biolmaging.

- 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 D1e. In the case of Multi-sited Nodes letters should be provided by all hosting institutions).

C3a. Please describe in addition how the less than 50% of the newly created capacity will be used by e.g internal users of the institute, national infrastructure etc.

C4. 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-BiImaging and as such a legal contractual partner of Euro-BiImaging.

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

Please describe the planned legal model of the Node to fulfil this criterion.

C4a. If expressing interest to establish a multi-sited Node, please describe how the structure of the proposed multi-sited Node is allowing for legal partnership with Euro-Biolmaging and evaluation of the performance of all its parts by Euro-Biolmaging.

C4b. For Nodes hosted by more than one institution, please provide additional documents supporting the described/foreseen legal model, if available.  
Please send the document in a single PDF to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) together with the application form.  
Please enter the name of the document here: (APPLICANT NAME\_Legal model.pdf)

C5. The applicant demonstrates that the dialogue with funders for the participation in Euro-Biolmaging has started, supporting this information with 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-Biolmaging, its context in the national infrastructure and national roadmaps etc.

Which document demonstrating the dialog with funders do you provide?

- letter from the funder
- national funding programme/roadmap with reference to Euro-Biolmaging and this Node proposal
- recently submitted or granted research infrastructure proposal(s) related to this Node application
- Other

C5a. Please send the document demonstrating dialog with funders as a PDF to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) together with the filled in application form.

Please enter the name of the document here: (APPLICANT NAME\_funders.pdf)

C5b. Please describe the attached document demonstrating the dialog with funders:

## D. General Review Criteria

### D1. Scientific and technical excellence

D1a. Please describe the scientific and technical excellence of the existing/planned imaging infrastructure.

D1b. For already operating facilities, please list all relevant publications from the last five years demonstrably resulting from science enabled by the infrastructure or the applicant. Please highlight the five most important ones by listing them separately.

D1c. Does the institution hosting the expertise commit to support the future Euro-BioImaging Node (provision of official Letter of Commitment) ?

- Yes
- No

D1d. If yes, what kind of support the institution commits to provide:

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

D1e. If yes, please add this information in the Letter of Commitment (signed by the legal representative of the applying institution and stamped), save it as a single PDF and send to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) together with the application form. In the case of Multi-sited Nodes, these letters should be provided by all hosting institutions.

Please enter the name of the document APPLICANT NAME\_Institution.pdf:

## D2. Quality and scientific field of the academic environment

D2a. In order to demonstrate the quality and field of the academic environment, please indicate in which scientific fields you have proven track record in:

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



D2b. For each of the selected fields, please provide the 5 most important publications of the last five years that resulted from science enabled by your infrastructure or capacities.

### **D3. Geographic coverage**

D3a. Please describe the geographic coverage of the existing/planned infrastructure in the national and international context.

#### **D4. Maintenance and update**

D4a. Please describe the sustainable strategy for keeping the imaging facility cutting edge, providing the maintenance and update plan for the first five years of operation.

## **D5. European and national significance**

D5a. Please demonstrate your national significance, e.g. by describing your role in or a dialogue with the national imaging initiative if such initiative exists (see list of 19 initiatives and contact persons on Euro-Biomed website). If no initiative exists in your country, you may lay out a plan to establish one.

D5b. Please demonstrate your European significance e.g. by describing for which innovative imaging technology or area of biological or medical research is your expertise and service unique or outstanding on the European landscape and why.

## **D6. User access and service package**

D6a. From the user point of view, please describe a typical case of 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 7000 characters)

D6b. Please describe how you will manage all relevant aspects of administration and coordination of Node construction and operation. (Max 7000 characters)

## **D7. Use and quality assurance**

D7a. For already existing facilities, please provide numbers demonstrating the use of the currently available capacity and the fraction of external users served so far, if any.

D7b. 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). For already existing facilities, please state if such a system is already in place.



## **D8. User training**

D8a. 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). Please also provide an outlook of planned training events (individual training of each user included) within the next two years.

## D9. Cost Concept

In order to demonstrate the extent of the plans you have developed by now, please provide details of your cost plan, as far as developed. This aspect you will in detail negotiate with your funders (Euro-Biolmaging will be happy to provide support for this negotiation), once your Expression of Interest has been successfully evaluated by the Independent Evaluation Board.

D9a. Please fill in the Template form - Costs Concept (downloadable from Euro-Biolmaging Web page together with this form), save it as a pdf and email it to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) together with the filled in application form.

Please enter the name of the sent document here (APPLICANT NAME\_Costs Concept.pdf):

D9b. Has investment to this facility already been granted with the aim to become part of Euro-Biolmaging in the future:

- Yes  
 No

D9c. Please send the respective evidence of the investment e.g. letter of investment from funder to [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu) together with the filled in application form.

Please enter the name of the sent document here (APPLICANT NAME\_Investments.pdf):

## E. Technology Specific Review Criteria

E1. Please demonstrate how you PLAN to fulfill Technology Specific Review Criteria presented *Technology Specific Review Criteria* document specific for the technology 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 15000 characters)

Thank you for filling in this form *Euro-Biolmaging Node - Expression of Interest*.

Please save it in a PDF format as APPLICANT NAME\_Eol.pdf and email it to us on [opencall@eurobioimaging.eu](mailto:opencall@eurobioimaging.eu), latest by April 30, 2013.

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