



INDUSTRY BOARD

EURO·BIOIMAGING

Claudia Pfander, Industry Board Coordinator

ERIC Forum 2021, 26th Jan

What is Euro-BioImaging?

Euro-BioImaging is a federated, pan-European Research Infrastructure for [Imaging Technologies](#) serving the [Life Science](#) Community with a focus on [Biological and Biomedical Science](#).

It is an open access resource for all life scientists providing:

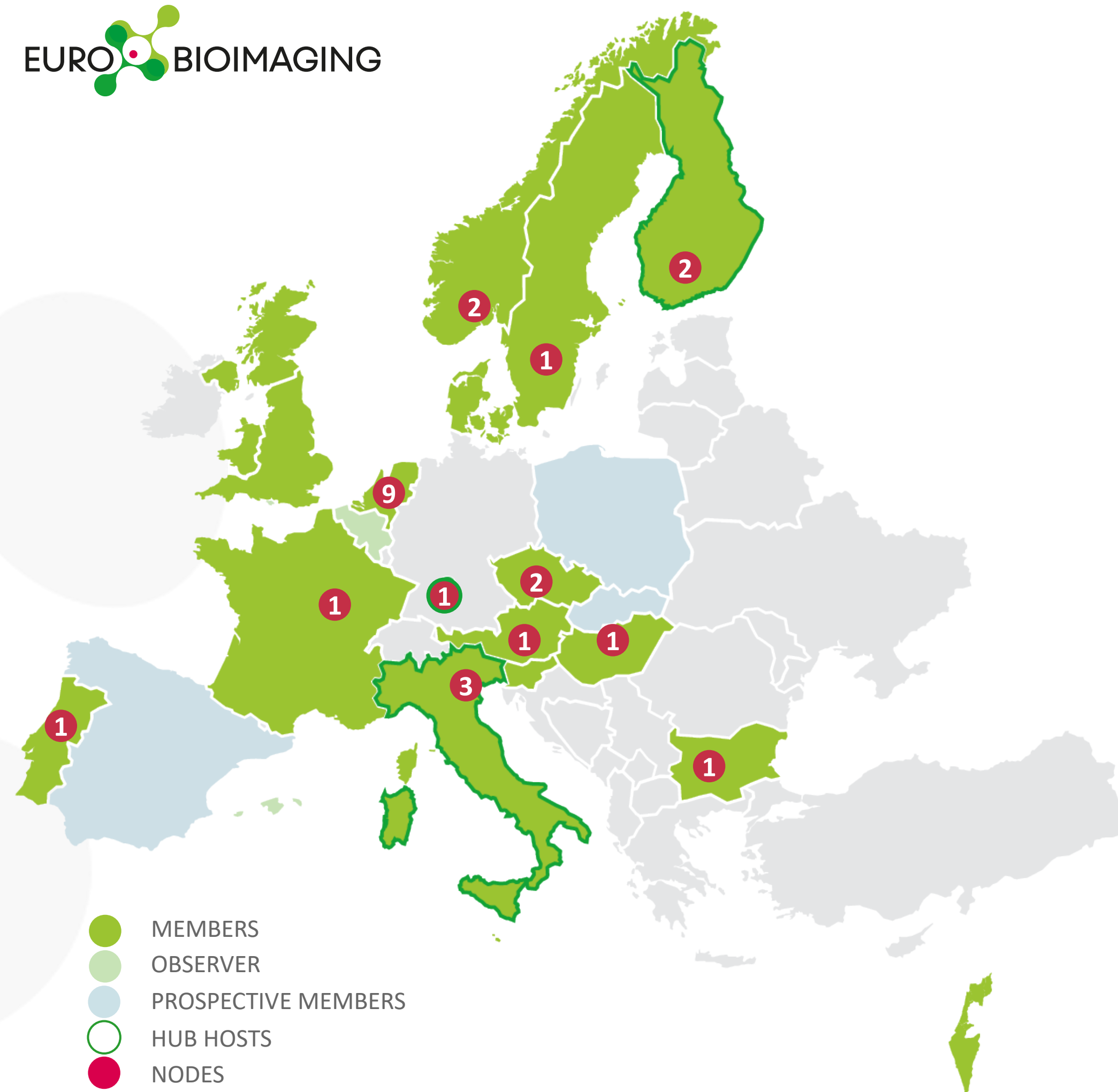
- Open access to biological and biomedical imaging technologies
- Support from expert technical staff
- Image data repositories and analysis tools
- Training opportunities for everyone



Euro-BioImaging Nodes

Euro-BioImaging unites 25 Nodes, representing >100 imaging facilities in 11 countries & at EMBL.

It currently offers >45 different imaging technologies & services and the portfolio is growing continuously.



Euro-BioImaging Industry Board (EBIB)



- An independent body already established in 2014 during Preparatory Phase I comprised of companies in the Biological and Biomedical Imaging field
- Operated under a membership scheme that finances a Coordinator position for infrastructure-industry relations and various activities of the Board
- Members recognize the importance of coordinated open access imaging platforms for European research
- Proactively drives the interaction and knowledge exchange between the imaging industry, European researchers and the imaging facilities linked by Euro-BioImaging (co-development, training, policy)

EBIB Goals

- Create a platform for cross collaboration
- Understand the needs of the research user community and strengthen communication between providers and user
- Cooperate with research infrastructure to develop and test novel technologies
- Participate and contribute to training activities
- Create "one voice" activities to promote importance of imaging
- Identify opportunities for pre-competitive research collaborations and funding opportunities



Some highlights from recent EBIB activities

- Work shops on Image (meta) data
- Consultation for White Paper on Recommended Metadata for Biological Images



- “Industry meets academia” conference in single cell imaging
- Participation to “Call for Action” outlining the interests of various industry sectors & recommendations on how to provide the best support for biomedical R&I in Europe
- EBIB gains visibility in Nature White Paper

- Building up close collaborations with European Open Science Cloud and Life Science Research Infrastructures



Some highlights from recent EBIB activities



- Consultation on design of EOSC-Life Open Call for Industry projects
- A priori information and advice to EBIB applicants

- Participation to QUAREP-LiMi: an initiative on Quality Assessment and Reproducibility for Instruments & Images in Light Microscopy
- Participation to working groups



- Associated Partners and represented by the EBIB Coordinator since January 2020
- Pan-European network of Industrial Liaison & Contact Officers to enable industry to become a full partner of research infrastructures (as user, supplier or co-creator) through strategic cross-border partnerships
- Participation to working groups



Networking in the times of Sars-CoV-2

- Setting up a seminar series in March 2020 that now already reaches more than 250 community members
- Moving meetings to virtual, including Industry Board meetings
- Inauguration of the Industry Board Advisory Panel and first meeting on Quality Management at Nodes



VIRTUAL PUB 2021 WINTER CALENDAR

Join our Virtual Pub on every Friday at 13:00 CET

January 8 th	Holistic Three-dimensional Cellular Mapping of Mammalian Organs by Tissue Clearing and Light-sheet Fluorescence Microscopy	Shan Zhao PhD researcher, Institute for Tissue Engineering and Regenerative Medicine (ITERM), Helmholtz Zentrum München and LMU
January 15 th	From Molecules to Human: Complex Scale Imaging at Euro-BioImaging's Advanced Light Microscopy and Medical Imaging Multi Modal Node in Brno-Michal	Michal Mikl Head of the Advanced Light Microscopy and Medical Imaging Node Brno Node Milan Esner Deputy Head of the Advanced Light Microscopy and Medical Imaging Node Brno Node
January 22 nd	BioImaging Master's Programmes: A European Overview	Joanna Pylvänäinen University of Turku and Åbo Akademi University Dr. Delphine Burel Master in Cell Imaging, University of Rouen TBA Cell Biology and Advanced Microscopy University of Amsterdam
January 29 th	An overview of Mass Spectrometry Imaging (MSI)	Berta Cillero Pastor CORE lab leader of the Division of Imaging Mass Spectrometry at M4I, Maastricht University Domenico Russo Advanced Light Microscopy Italian Node
February 5 th	New therapy options for Acute Myeloid Leukemia? Cross-RI drug screening project	Dr. Maria Paola Martelli Professor, Department of Medicine Roberta Ranieri PhD researcher, University of Perugia

Future focus of activities

Try to build on a solid foundation of success stories and use cases:

- Showcasing and building the Euro-BioImaging technology portfolio together with industry partners => Industry-driven showcase in preparation
- Developing and hosting training opportunities that help facilities realize the full potential of their instruments and industry to learn about the real-world needs of user projects
- Welcoming commercial users to Euro-BioImaging and advertising our service offer and technical capabilities to companies in the Life Sciences

Stimulating collaboration with Industry

Industry Board Membership

- Ensure return-on-investment through activities that serve the mutual needs of industry and facility staff – trainings, exchange on technology, identifying collaboration opportunities
- Outreach to companies in the Imaging field through personal communication and representation in various European initiatives

Industry as infrastructure users

- Outreach to pharma and biotech to advertise Euro-BioImaging service offer and mode of access

Publicly funded consortia

- Identify relevant calls calling in which RIs participate or that have an imaging dimension and attract industry to opportunities for involvement



OLYMPUS



ThermoFisher
SCIENTIFIC



HAMAMATSU
PHOTON IS OUR BUSINESS

pco.



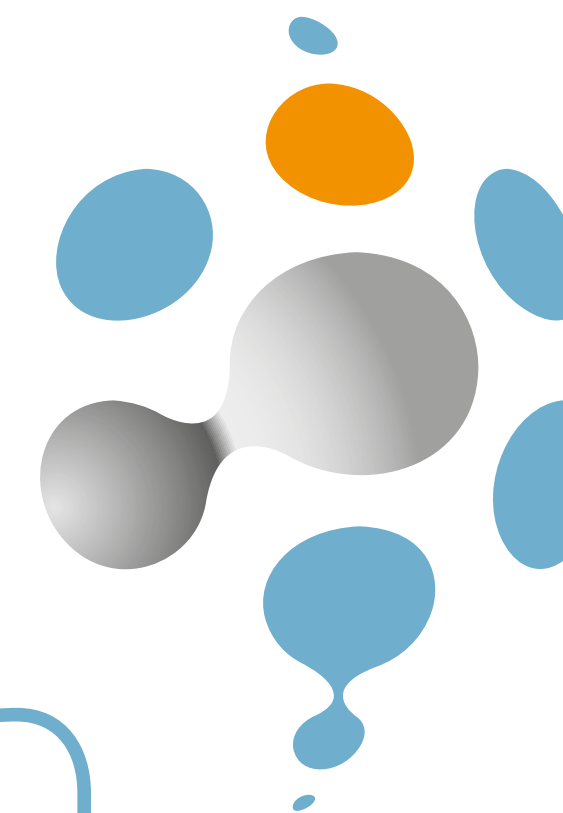
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VISUAL SONICS



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ACQUIFER

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Strengthening imaging research in Europe

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