Euro BioImaging
Preparatory Phase II Project

D7.1 Organization of a meeting of CFS from EuBI Node Candidates

Project N.	688945
Project Title	Euro-BioImaging Preparatory Phase II
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Lead Beneficiary (short name)	CNRS
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Task leader	Daniel Choquet
Contributors	Daniel Choquet (WP7 task leader) Caroline Thiriet (WP7 administrative manager) Antje Keppler (WP3 leader, for the preparatory Representative of Nodes meeting)

Abstract

With the aim of fostering interactions and experience sharing between Core Facility Staff from EuBI Nodes and ensuring the implementation of a coordinated multi-level training system, the organization of a first EuBI Core Facility Staff meeting in September 2016 has been proposed by the WP7 Leaders, approved by the Executive Project Management and presented to the EuBI Interim Board.

The present report constitutes the deliverable D7.1 of the Euro-BioImaging Preparatory Phase II project.

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1. Introduction and framing of Deliverable 7.1 within Task 7.1, Task 7.2 and Task 7.3

Work Package 7 (WP7) is responsible for the technical preparation for coordination of training activities. To this end Task 7.1 aims to prepare the general coordination of user training in EuBI with:
- the set-up of the portfolio of user training courses for different imaging technologies served by EuBI Nodes,
- the establishment of a rotation procedure of courses among Nodes, including determination of required course topics and frequency,
- the set-up of the user application as well as course evaluation procedures.

This task is complemented by Task 7.2 that aims to prepare the general coordination of Core Facility Staff (CFS) training in EuBI with:
- the set-up of the EuBI portfolio of CFS training courses in general and emerging imaging methods at EuBI Nodes,
- the establishment of the EuBI procedure for determination of topics and frequency of training on emerging technologies,
- the set-up of the EuBI portfolio of CFS training courses in lifelong vocational training (covering business processes of core facilities),
- the set-up of a CFS application procedure as well as course evaluation and training sites certification.

Finally, the Task 7.3 concerns the implementation of a virtual platform of resources for CFS initial and vocational training as well as inter-personnel exchange. In this way, WP7 will promote the peer networking, that will allow and facilitate sharing expertise and communication / interaction directly between the Nodes personnel, the users and the broad scientific community, but also will promote transverse interactions (e-forum, meetings, workshops, visits).
Moreover, the need of collection of information from the different stakeholders, as well as a continuous evaluation of the needs of the research community, were pointed out in the recommendations presented by the EuBI PPI WP13 for the creation of a coordinated system of training in biological and medical imaging.

The organization of a meeting of Core Facility Staff from the EuBI Nodes therefore constitutes an opportunity to have feedback from the Core Facility Staff on the

needs of the community in terms of training and on the set-up of a CFS application procedure as well as course evaluation and training sites certification.

The Core Facility meeting, which is the first deliverable of WP7, is then closely linked on the preparatory work of WP7 that will be then also exposed below.

2. Organization of a Core Facility Staff Meeting from EuBI Nodes

a. Preparations

Preparations for the CFS meeting took place from February 2016 onwards and were coordinated by the WP7, in consultation with the PPII Executive Project Management and presentation to the EuBI Interim Board at the PPII kick-off meeting in Rehovot (9 March 2016).

Coordination
The composition of the WP7 is as follow:

Role	Institute	Person
Lead	CNRS	Daniel Choquet
Participant 1	EMBL	Rainer Pepperkok
Participant 2	CNR	Silvio Aime
Participant 3	IBMC	Paula Sampaio
Participant 4	ILC	Dusan Chorvat
Participant 5	IMG	Pavel Hozak
Participant 6	MU	Jana Silarova
Participant 7	COIMBRA	Miguel Castelo-Branco

Moreover, in April 2016, the WP7 coordinator recruited the WP7 administrative officer, Caroline Thiriet, who has experience in International Relations and European Project management. She is in charge of managing this WP.

Conference calls

On January 26th, 2016, the France BioImaging training group met in Bordeaux in order to prepare the WP7 first conference call.

On February 15th, 2016, a conference call of the WP7 partners has been organized (see minutes and slides presented during the conference call in the annex I and II. During this conference call, it was decided to create five work sub-groups of WP7 as listed below:

1- Establishing the survey content
2- Cross-work with User access WP5 and WP6
3- Cross-work with WP8 and industry board,
4- Medical Imaging
5- E-learning content

Objectives and content

With the aim of fostering interactions and experience sharing between Core Facility Staff from EuBI Nodes and ensuring the implementation of a coordinated multi-level training system, the organization of a first EuBI Core Facility Staff meeting in September 2016 has been proposed by the WP7 Leaders, approved by the Executive Project Management and presented to the EuBI Interim Board.

In order to prepare the agenda of the CFS meeting (D7.1) and to lay the ground for establishing D7.4 "First list and description of identified sites for EuBI user training", WP7 planned two surveys. The objective of the surveys is to identify the sites for EuBI user and CFS training and to set-up the portfolio of the user and CFS training courses available.

From March to April 2016 the WP7 worked on the implementation of a Training Site Survey and a Training Survey. The implementation has been tested within the Training work sub-group.
The surveys have been implemented on Survey Monkey Pro (access granted by WP5 on April 25th) and launched on May 19th, with a deadline set on July 15th. Both surveys were sent to the Nodes Candidates through the coordination of the EuBI Hub.

All Node Candidates were invited to submit their answers to the survey the latest July 15th.

The links to the surveys are:
- https://fr.surveymonkey.com/r/EuBI_TrainingSitesSurvey
- https://fr.surveymonkey.com/r/EuBI_TrainingSurvey

The First Representatives of Nodes Meeting held on June 10th, 2016, at EMBL, and organized by WP3 has been an opportunity to prepare the operational phase. Amongst other topics, the following aspects were discussed: training, user access and the required services on the web access portal. A one-hour session has been organised around training aspects.

Daniel Choquet reported on the work done in WP7, and presented the preliminary results of the training survey. So far, the training site survey had been completed by 19 sites representing 13 Node candidates in 9 countries, and the training survey had been submitted by 10 Node Candidates (7 countries) reporting on 50 individual training activities. The EuBI Industry Board (EBIB) expressed their interest to fill in this survey.

The CFS meeting will follow on from the First Representatives of Nodes Meeting with the presentation of the analysis of the results of the surveys, the list of the training sites identified, and a proposal for a definition of topics and audiences.

The aim will also be to standardise the information collected and prepare data compilation for transfer towards the EuBI Web Access Portal (coordination with WP5).

b. Description of the EuBI CFS Meeting

The CFS meeting will be held on September 30th, 2016 as a satellite meeting to the MiFoBio School, taking place in Seignosse, France, between September 30th and October 7th. The attendees of the meeting are also invited to participate to MiFoBio, school of Functional Microscopy in Biology, which is an interdisciplinary school aiming to provide a common background of knowledge and know-how, in order to develop novel modalities to observe and understand biological processes.

As such, MiFoBio will be a unique opportunity to gather feedback from the CFS community and to test the WP7 surveys (training/sites).

The EuBI Nodes Candidates have been contacted in order to establish a list of representatives within each nodes and build a mailing list for future meetings.

The CFS meeting delegates were invited by the WP7 leaders Daniel Choquet and Jean Salamero. The invitation was sent on April 14th with a deadline on May 15th. The invitation to the CFS meeting is attached in Annex V to this report.

The goal is to have core facility staff from EuBI Nodes or their representatives present in order to identify criteria for the implementation of the EuBI training portfolio for users and core facility staff. It will be also an opportunity to have a feedback from the core facility staff on the needs of the community in terms of training and on the set-up of a CFS application procedure as well as course evaluation and training sites certification.

The list of the 25 meeting participants registered is presented below:

First Name	Last Name	EuBi Candidate Node	Position in the Core Facility	City	Country
Ales	Benda	Advanced Light and Electron Microscopy Multi Modal Multi Sited Node, Prague, Czech Republic	Managing Scientist	Prague	Czech Republic
Camilo	Guzman	Finnish ALM Node Candidate	Manager of the Finnish ALM Node	Turku	Finland
Beatrice	Satiat-Jeunemaitre	France BioImaging Node	Scientific Leader	Gif sur Yvette	France
Jean	Salamero	France BioImaging Node	Head	Paris	France
Sébastien	Mailfert	France BioImaging Node	Ingénieur de recherche, responsable technique de la plateforme	Marseille	France
Cédric	Matthews	France BioImaging Node	technical manager	Marseille	France
Vicky	DIAKOU	France BioImaging Node	Training Correspondent	Montpellier	France
Sébastien	Marais	France BioImaging Node	Engineer	Bordeaux	France
Corinne	Tessier	France BioImaging	Administrative officer	Paris	France
Caroline	Thiriet	France BioImaging Node	EuBI WP7 Administrative Officer	Bordeaux	France
Daniel	Choquet	France BioImaging Node	Head	Bordeaux	France
Claire	Herzog	France BioImaging Node	EuBI WP7 Adviser	Bordeaux	France
Perrine	Paul-	France BioImaging Node	EuBI WP6 and	Paris	France

	Gilloteaux		WP7 Operational Coordinator		
Fabrice	Cordelières	France BioImaging Node	EuBI WP7 Operational Coordinator	Bordeaux	France
Christoph	Thumser	Euro-BioImaging Industry Board	EBIB representative	Wetzlar	Germany
Stefan	Terjung	Advanced Light Microscopy Facility, EMBL	Operational Manager	Heidelberg	Germany
Frauke	Leitner	EuBI Bio-Hub Candidate	Scientific Project Manager	Heidelberg	Germany
Olav	Haraldseth	NORMOLIM	Leader	Trondheim	Norway
Paula	Sampaio	PPBI - Portuguese Platform of BioImaging future node candidate	Coordinator	Porto	Portugal
Alzbeta	Marcek Chorvatova	Slovak BioImaging Network (SkBIN)	head of department of Biophotonics	Bratislava	Slovakia
Jordi	Andilla	ICFO -The Institute of Photonic Sciences, The Barcelona Institute of Science and Technology	Research Engineer	Castelldefels (Barcelona)	Spain
Maria	Calvo	Spain Node: Barcelona Live and Intravital-Advanced Light Microscopy Node (BLivIN)	Core Facility Manager	Barcelona	Spain
Timo	Zimmermann	SLN@BCN	Head	Barcelona	Spain
Marc	van Zandvoort	Maastricht University	Node leader	Maastricht	the Netherlands
Lauri	Eklund	Oulu BioImaging: Light Microscopy Core Facility	Coordinator Light Microscopy Core Facility	Oulu	Finland

The preliminary agenda presented below has been proposed:

Euro-BioImaging WP7 Core Facility Staff Meeting

Friday, September 30th, 2016

Seignosse, Bordeaux (Club Belambra "Les Tuquets")

Programme

9 :00 – 9 :15   Welcome - Introductory session

> ➢ Definition of criteria for the implementation of the EuBI training portfolio for users and core facility staff.

9 :15 – 10 :15   Existing training activities

1- Report on the results of the EuBI WP7 surveys

- *First list and description of identified sites for EuBI user and CFS trainings (D7.4)*
- *First list of identified CFS training courses (D7.5)*

\+ *EBIB?*

2- *Discussion*

10 :15 – 10 :30   Coffee break

10 :30 – 11 :30   Implementation and coordination of the EuBI training activities (D7.1)

1- Proposal for:

- user and CFS access application procedures,

- course evaluation procedures and certification,

- training sites certification

2- *Discussion*

10 :30 – 12 :30   Identification of trainings on emerging technologies (D7.3)
(With EBIB, with WP8?)

12 :30— 14 :00	Lunch break
14 :00 — 15 :00	Implementation of an e-learning programme (D7.6)
15 :00 — 15 :15	Closing Session – Summary and next steps

Minutes from the conf call WP7, 15-02-2016

Executive summary:

To be done in the next month: Agendas for the head of nodes (10/06, EMBL) and CFS (29/09, MiFoBio) meeting must be filed. Invitations must be sent to CFS.

Point of attention: Relation between hubs and nodes: Care should be taken about inter-operability

Engage the medical imaging community in the training coordination, identify the relevant contact point.

Surveys must be launch in the next months regarding the training sites and training needs for CFS. To be done: define the survey content.

For all partners: please nominate in the coming days relevant persons for participating to three working sub-groups of WP7

- Establishing the surveys content
- Cross-work with WP8 and industry board
- E-learning content
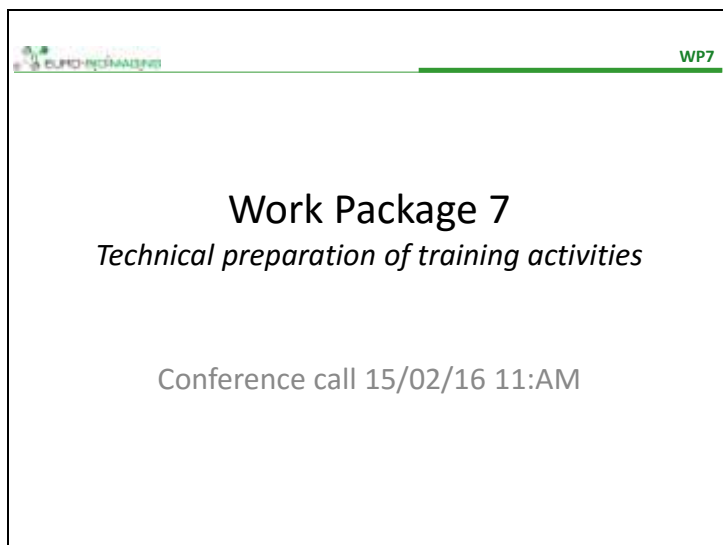
Attendees:
- CNRS (France): Daniel Choquet (host), Fabrice Cordelières, Claire Herzog, Jean Salamero
- EMBL (Germany): Antje Keppler, Federica Paina, Rainer Pepperkok
- IMG (Czech Republic): Pavel Hozak, Marketa Morska
- CNR (Italy): Silvio Aime
- MU (Czech Republic): Ondrej Hradil
- IBMC (Portugal): Paula Sampaio

M6, CFS meeting (D7.1) WP7

Already in progress:

– Organization of meeting of head of EuBI nodes:
In Heidelberg, June the 10th, during GBI workshop, ahead of
***CTLS 2016 - Core Technologies for Life Science** (12 - 15 Jun 2016)*

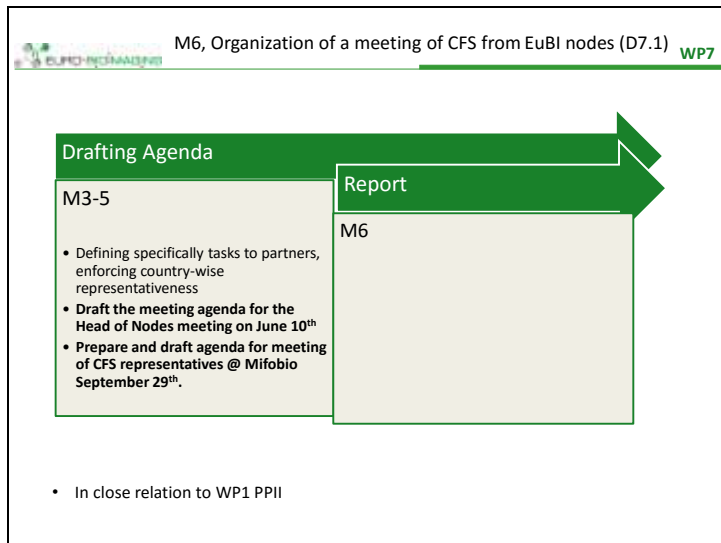– Organization of meeting of CFS representatives:
*September 29th. Ahead of **MiFoBio 2016 Summer school – Microscopie Fonctionnelle en Biologie** (30 Sept – 7 Oct 2016)*

- *Interlink with GBI and NEUBIAS: meeting February 24th*
- *Ongoing discussions with WP5 technical implementation of User access, WP13 EUBI PPI and RITrain*
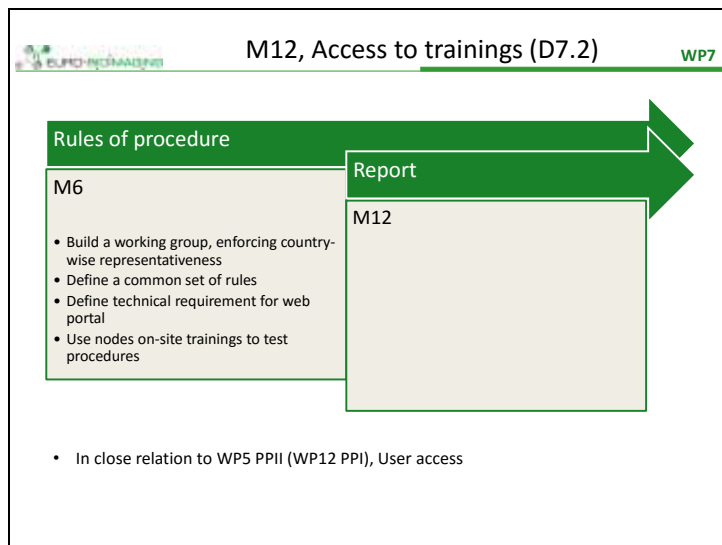
2 meetings will be organised:

- Heads of nodes: Ahead of the CTLS 2016 meeting, at EMBL. The aim is to prepare the operational phase. Amongst other topics, the following aspects will be discussed: training, user access and the required services on the web access portal. One 1h30 session will be organised around training aspects.

- CFS: ahead of MiFoBio2016. Representative will have the opportunity to attend to the full summer school afterwards. This is a unique occasion to have feedback from the CFS community, a good spot to test surveys (training/sites).

Silvio Aime pointed out the need to get the medical imaging community involved as well. He proposed to bring this topic to the attention of the council from the Society for molecular Imaging. Similar event as the two above could be organized in the medical imaging community.

M6, Organization of a meeting of CFS from EuBI nodes (D7.1) WP7

Drafting Agenda

M3-5

- Defining specifically tasks to partners, enforcing country-wise representativeness
- **Draft the meeting agenda for the Head of Nodes meeting on June 10th**
- **Prepare and draft agenda for meeting of CFS representatives @ Mifobio September 29th.**

Report

M6

- In close relation to WP1 PPII

In the next month, the agendas for the head of nodes (10/06, EMBL) and CFS (29/09, MiFoBio) meeting should be filed. A draft version will circulate by email: **please make suggestions**.

Rules of procedure

M6

- Build a working group, enforcing country-wise representativeness
- Define a common set of rules
- Define technical requirement for web portal
- Use nodes on-site trainings to test procedures

Report

M12

- In close relation to WP5 PPII (WP12 PPI), User access

Daniel Choquet points out that contacts have already been taken with John Eriksson to get insight on the training part of the web portal. Care should be taken about inter-operability: how are data collected, gathered, in which format? At this step, surveys will be carried out using an external tool, Survey Monkey for which Turku may provide professional accounts.

The training access portal will be available in more than a year time.

Jean Salamero emphasises the importance of continuity between the "access to equipment" and "training" portals.

Antje Keppler mentions that now at the start of Interim Operation those two aspects are not connected yet in the interim web access portal (WAP), but should be merged at a later step of the project as soon as the EuBI training resources are identified and the information can be included and linked accordingly in the WAP for operational phase. The beta version of the portal for interim operational phase should be ready in 4 weeks' time (middle March), and will become fully operational in May/June. The final portal, including the training part and access to equipment part will be delivered next year. The portal is currently under development and tools will be made available as they are released.
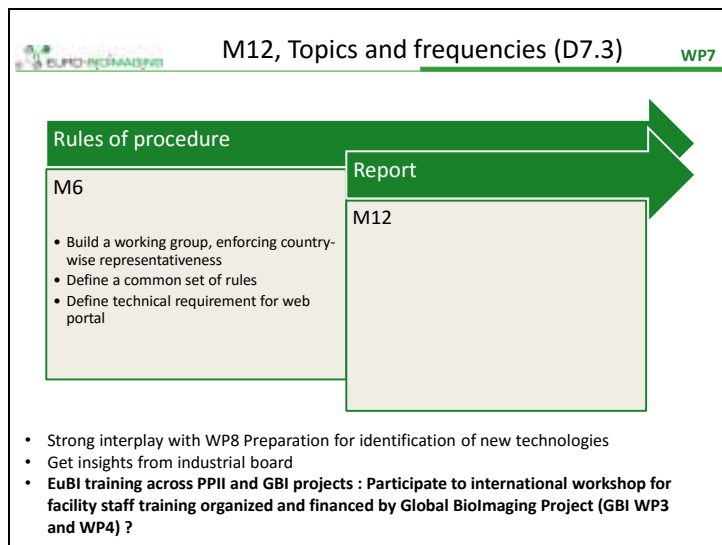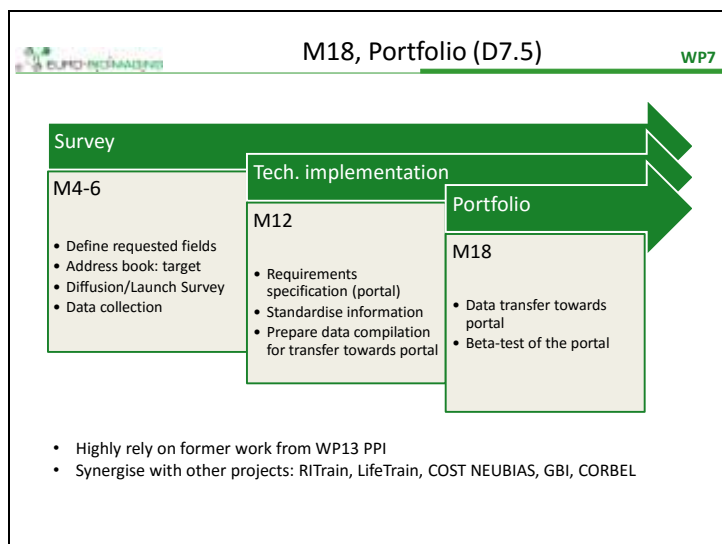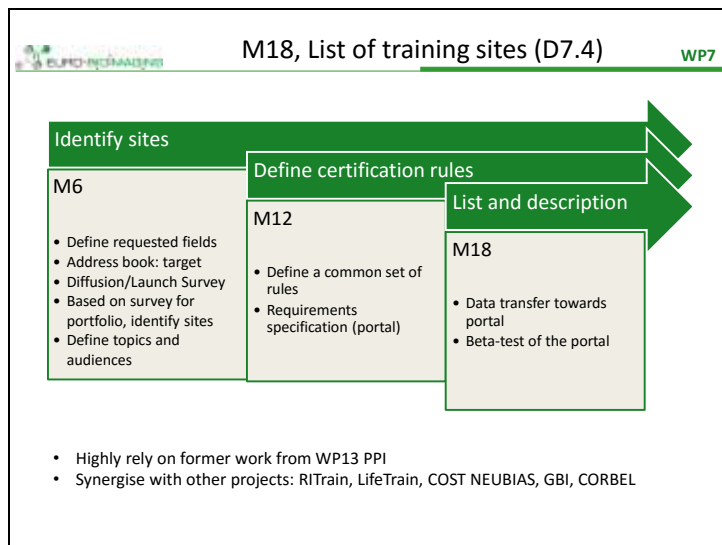
Rainer Pepperkok is asked about the GBI international workshop for CFS, to be held in early November. Daniel Choquet proposes a common action, in the form of a joint meeting. Although topics regarding training clearly overlap between GBI and EuBI, project objectives and targets audiences are slightly divergent. Whereas in EuBI PPII, WP7 technically prepares the EuBI infrastructure for running its training activities in the future operation, GBI is offering training courses for facility staff to an international audience. WP7 can take advantage of these courses by learning participants' feedback (e.g. in form of online surveys).

Two separate meetings will be held. Ahead of MifoBio for PPII CFS. Cross participation is encouraged to GBI and PPII WP meetings.

However, two converging topics are identified:

- E-learning (virtual platform for training material), which could benefit to/from sharing between the two consortia.
- Online survey: data collected could serve both projects, especially to infer the needs.

M18, List of training sites (D7.4) — WP7

Identify sites

M6
- Define requested fields
- Address book: target
- Diffusion/Launch Survey
- Based on survey for portfolio, identify sites
- Define topics and audiences

Define certification rules

M12
- Define a common set of rules
- Requirements specification (portal)

List and description

M18
- Data transfer towards portal
- Beta-test of the portal

- Highly rely on former work from WP13 PPI
- Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

M18, Portfolio (D7.5) — WP7

Survey

M4-6
- Define requested fields
- Address book: target
- Diffusion/Launch Survey
- Data collection

Tech. implementation

M12
- Requirements specification (portal)
- Standardise information
- Prepare data compilation for transfer towards portal

Portfolio

M18
- Data transfer towards portal
- Beta-test of the portal

- Highly rely on former work from WP13 PPI
- Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

In the next month/month and a half, **surveys** for both the training sites and training offers should be drafted. The expected launch month is **next April**.

ROLE OF WP7 PARTNERS
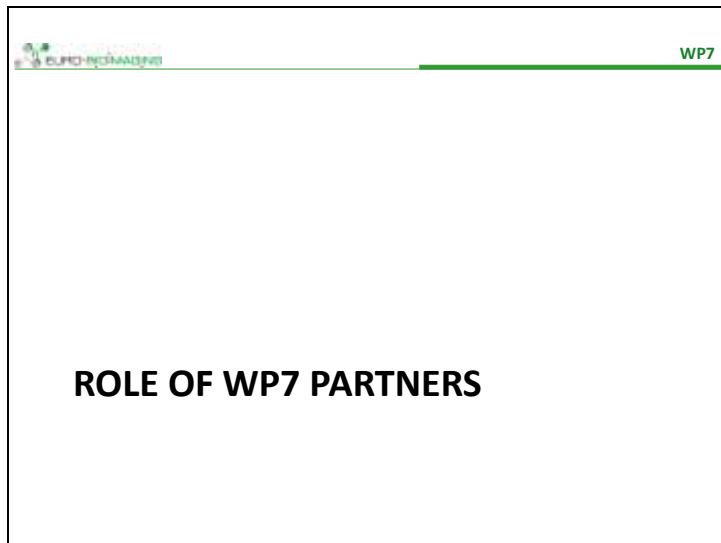
Emphasis is laid upon deliverable 7.6, on the **e-learning** part. Daniel Choquet proposes the creation of a sub-group, to be driven by Marc Landry (Université de Bordeaux, France) who is currently working on a similar implementation with Australia. John Eriksson has also a strong interest in developing this aspects. For GBI, EMBL is in the process of hiring a technical officer to develop the virtual training platform as part of GBI WP3.

List of deliverables — WP7

- D7.1 Organization of a meeting of CFS from EuBI nodes
- D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification
- D7.3 Report on the procedure for determination of topics and frequency of CFS training on emerging technologies
- D7.4 First list and description of identified sites for EuBI user training
- D7.5 Report on the portfolio of identified CFS training courses in lifelong vocational training
- D7.6 Report on the implementation of an e-forum and online platform for initial and vocational training and exchange activities on the EuBI web-access portal

Silvio Aime insists on the importance of getting insights from the medical imaging community. He proposes to take the chance of medical nodes meeting to discuss about representative joining efforts about both training and e-learning. As reported by Paula Sampaio, Miguel Castelo-Branco could collaborate on medical imaging training.

Paula Sampaio expresses her interest for taking part in the e-learning workgroup.

- WP7 lead – particularly involved in coordination of CFS training
- Involved in all deliverables
- Coordinating task force
  - *Daniel Choquet, coordinator*
  - *Fabrice Cordelières, Perrine Paul-Gilloteaux, operational coordinators WP7, contact with RI train, links with Neubias, WP6*
  - *Claire Herzog, administrative officer WP7*
  - *Jean Salamero, FBI director, in charge contact with WP8, French rep GBI, in charge of Access D7.2*
  - *Corinne Tessier, PM FBI*
  - *Orestis Faklaris, Cédric Matthews: coord setting up surveys*
  - *Laurent Héliot, Serge Monneret: links to french CF training networks*
  - *Marc Landry, in charge of coord D 7.6, e-learning*
  - *Pierre-François Lenne, Béatrice Jeunemaitre : links organisation of user application, course evaluation and certification*

Rainer Pepperkok states an EMBL internal meeting should take place to distribute roles in the EuBI project. Persons involved, and their role should be defined by next week and communicated to Daniel Choquet.

CNR (in kind) - IT	WP7

As written in PPI doc, to be edited by partner

- Partner of D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification
- Partner of D7.4 First list and description of identified sites for EuBI user training

Silvio Aime emphasises the importance of getting the medical imaging community involved. He will be looking for a representative.

IBMC (in kind) PT   **WP7**

As written in PPI doc, to be edited by partner

- Partner of D7.1 Organization of a meeting of CFS from EuBI nodes
- Partner of D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification
- Partner of D7.4 First list and description of identified sites for EuBI user training
- Partner of D7.6 Report on the implementation of an e-forum and online platform for initial and vocational training and exchange activities on the EuBI web-access portal

Paula Sampaio expresses strong interest for both e-learning and coordination tools for access sub-workgroups.

As reported by Paula Sampaio, Miguel Castelo-Branco wishes to get involved in the medical imaging training aspects.

ILC (2,5 PM in Infradev WP7)   WP7

Main role in WP7
- **Specific involvement in individual deliverables as national contact point**
- **Partner / collaborator in D7.1, 7.2, 7.4, 7.5 and 7.6**

Proposed contribution to WP7
Collaboration on the set-up of the training course portfolio for users and core facility staff, based on previous experience in training within Laserlab Europe network and International Summer school scheme, as well as collaboration with major Slovak universities providing education in biomedical imaging and related fields.
- Share of experience
- Pilot place for testing, course evaluation procedures
- Hosting exchange staff training visits / user training workshops
- Contribution to the online e-repository

Daniel Choquet points out the Laser Lab has a strong experience in various aspects of training. This place could participate by being a pilot place for testing.

IMG (2 PM in infradev WP7) - CZ   WP7

- Proposed contribution to WP7

    - Share of experience and outcomes gained within Prep-phase I
    - A pilot place for testing – e.g. user application and course evaluation procedures
    - Hosting exchange staff training visits
    - Contribution to the e-repository with our established courses
    - Training in management and business processes – transfer of RItrain outcomes

MU (in kind) - CZ   WP7

As written in PPI doc, to be edited by partner

- Partner of D7.1 Organization of a meeting of CFS from EuBI nodes
- Partner of D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification
- Partner of D7.4 First list and description of identified sites for EuBI user training
- Partner of D7.6 Report on the implementation of an e-forum and online platform for initial and vocational training and exchange activities on the EuBI web-access portal

Pavel Hozak and Marketa Morska are the representative for RITrain project. They propose to use their courses and facilities to test the user access procedures. Paula Sampaio proposes likewise.

Pavel Hozak in the sub-group for e-learning content and Marketa Morska in the sub-group for the surveys content

Federica Paina asks the group to propose names of training experts who could become evaluators for the training courses to be organised by the EuBI Industry Board (EBIB). EBIB would like to develop a "quality seal" for such coursed and needs about 15-20 experts to that end.

Work Package 7
Technical preparation of training activities

Conference call 15/02/16 11:AM

Tour de Table

PRESENTATION OF WP7 PARTICIPANTS

Daniel Choquet, PhD

Organization	CNRS – Bordeaux University
Role in Organization	Director of the Interdisciplinary Institute for Neuroscience Director of the Bordeaux Imaging Center – FBI node Director of the Cluster of Excellence BRAIN
Role in Project	Coordinator of WP7 in INFRADEV II Representant of CNRS at IB
About Daniel	- Main interest in synaptic transmission and receptor trafficking - Super resolution dynamic imaging

Jean SALAMERO

Organization CNRS-France BioImaging	- UMS 3714 CNRS-Institut Curie; CEMIBIO-FBI. Coordination of the National Infrastructure France BioImaging (FBI) - GDR-MIV
Role in Organization	- FBI National Coordinator - Director of the UMS 3714 - Pilot Committee member of the GDR MIV (in charge of Eu-contact)
Role in Project	• Organization of CFS meetings from EuBI nodes • Portfolio of CFS training courses • Coordination tools for user and CFS access to training activities
About you	• CNRS Research Director at the Cell Biol Dept Institut Curie (UMR 144); Head of «Space-Time Dynamics of Endomembranes-Team » • Coord. of « Institut Curie-CoreFs » (up to 04/2016) • Head of the « Cell and Tissue Imaging Facility » PICT-IBiSA • Co-founder of MIFoBio School (since 2004)and FBI-Advanced Training (since 2011)

Claire Herzog, PhD

Organization	University of Bordeaux
Role in Organization	Administrative assistant for FBI and EuroBioImaging Project Manager Neuroscience cluster of excellence Bordeaux
Role in Project	Assistant for the coordination of WP7
About Claire	Strong experience in project management

Fabice Cordelières, PhD

Organization	CNRS
Role in Organization	Core Facility Staff
Role in Project	• Operational coordinator with Perrine Paul-Gilloteaux in WP7
About Fabrice	• CFS: Bio image analyst with a background in Cell Biology and a PhD in Molecular Biology of the Cell • Organization of several national trainings in IA and microscopy • Organization of several European meetings (ELMI2013, Imaging the Cell 2015)

Perrine Paul-Gilloteaux, PhD

Organization	CNRS, France BioImaging(FBI)
Role in Organization	Project manager for data management in Image Processing and Data Management node in FBI
Role in Project	• Operational coordinator with Fabrice Cordelières in WP7 • Operational coordinator with Fabrice de Chaumont and Jean Salamero in WP6
About Perrine	• CFS: Bio image analyst with a background in computer vision and a PhD in computer assisted surgery • Organization of several national or European trainings in IA • One of the main proposer of Cost action CA15124: NEUBIAS : a new Network of BioImage Analysts to advance Life Science Imaging

Not joining the call today

Rainer Pepperkok, PhD

Organization	European Molecular Biology Laboratory (EMBL)
Role in Organization	Head of Scientific Core Facilities Unit and senior scientist Head of advanced light microscopy facility Teamleader in Cell Biology Cell Biophysics Unit
Role in Project	• Representative of EMBL in IB • Representative of EMBL in WP7
About you	• Scientific interest in molecular regulation of membrae traffic and organelle biogenesis • Development and application of HT microscopy technology

Antje Keppler, PhD

Organization	European Molecular Biology Laboratory (EMBL)
Role in Organization	Head of Imaging Infrastructure Strategy Development EuBI Interim Phase Secretariat
Role in Project	• WP3 Lead: « Hub and Nodes Operation: Management »
About you	• Project Manager EuBI Preparatory Phase I • Coordinator Global BioImaging • Supporting Chair and Group of BMS RI Directors and Coordinators at European level • PhD in Chemical Biology

Federica Paina, PhD

Organization	European Molecular Biology Laboratory (EMBL)
Role in Organization	Project Manager (Euro-BioImaging Team)
Role in Project	• WP1 Lead: «Project Management»
About you	• Start date @ EMBL: 15 Oct 2015 • Independent Expert for the European Commission (H2020) • Previously Project Officer & Team Leader @ European Commission (JRC) • PhD in Chemistry

Prof. Pavel Hozak, D.Sc.

Organization	- Institute of Molecular Genetics (IMG), Academy of Sciences, Czech Republic
Role in Organization	- Leader of the Microscopy Centre - Head of Biology of the Cell Nucleus Department
Role in Project	• Representative of the IMG in the prep-phase II INFRADEV project • Member of the EuBI interim board (national coordinator)
About you	• Leader of the WP 13 Training (prep-phase I) • Member of the IFSM and EMS executive committees • Coordinator of the Czech-BioImaging • President of the 18th International Microscopy Congress (IMC 2014) • Organizer of many imaging courses • Representative of the EuBI in Horizon 2020 Ritrain project

Marketa Morska

Organization	- Institute of Molecular Genetics, Academy of Sciences, Czech Republic
Role in Organization	- Project manager
Role in Project	• Representative of the IMG in the prep-phase II INFRADEV project
About you	• Project manager in the WP 13 Training (prep-phase I) • Project manager in the Czech-BioImaging • Team member in the RItrain project

Ondřej Hradil

Organization	Masaryk University CEITEC – Central European Institute of Technology - CZ
Role in Organization	Coordinator of core facilities, incl. coordination of CEITEC involvement in ESFRI projects (Instruct, EuBI, ELIXIR, EATRIS)
Role in Project	• Coordination of MU involvement in 2nd preparátory phase EuBI project
About you	• Organisation, management and financing of core facilities

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Dusan Chorvat / Ljuba Bacharova

Photos

Organization	The International Laser Centre (ILC)
Role in Organization	Dr. Dusan Chorvat, deputy director Dr. Ljuba Bacharova, MBA, head of laboratory
Role in Project	Representatives of ILC in WP7 and WP5 Representative of Slovakia in IB (DCh)
About us	**Dr. Dusan Chorvat** (M) head of the Laboratory of Laser Microscopy and Spectroscopy, led the Department of Biophotonics (2001-2009), currently a deputy director of ILC (2009+). Coordinator of human resource training activities in Laserlab Europe network. Expertise: laser microscopy and time-resolved techniques. **Dr. Ljuba Bacharova** (F) Senior Researcher, Executive Editor of the Journal of Electrocardiology, Secretary of the International Society of Electrocardiology, organizer of the International Summer Schools. Expert in academic writing, management of research and education, healthcare management.

D. Chorvat

L. Bacharova

✓ Prepare the coordination of **users' training** in EuBI

✓ Prepare the coordination of **core facility staff training** in EuBI

✓ Prepare **CFS online training and exchange ressources**

Deliverables

M6
- D7.1: Organization of a **meeting** of CFS from EuBI nodes

M12
- D7.2: **Report** on set-up of **coordination tools for users and CFS access** to training activities (user application, course evaluation, sites certification)
- D7.3: **Report** on procedure for determination of **topics and frequency** of CFS training on emerging technologies

M18
- D7.4: **First list and description** of identified sites for EuBI user training
- D7.5: **Report on portfolio** of identified CFS training courses in lifelong vocational training

M24
- D7.6: **Report on implementation of an e-forum and online platform** for initial and vocational training and exchange activities on the EuBI web-access portal

Already in progress:

– Organization of meeting of head of EuBI nodes:

In Heidelberg, June the 10th, during GBI workshop, ahead of

CTLS 2016 - Core Technologies for Life Science *(12 - 15 Jun 2016)*

– Organization of meeting of CFS representatives:

*September 29th. Ahead of **MiFoBio 2016 Summer school – Microscopie Fonctionnelle en Biologie** (30 Sept – 7 Oct 2016)*

- *Interlink with GBI and NEUBIAS: meeting February 24th*

- *Ongoing discussions with WP5 technical implementation of User access, WP13 EUBI PPI and RITrain*

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Drafting Agenda

M3-5

- Defining specifically tasks to partners, enforcing country-wise representativeness
- **Draft the meeting agenda for the Head of Nodes meeting on June 10th**
- **Prepare and draft agenda for meeting of CFS representatives @ Mifobio September 29th.**

Report

M6

- In close relation to WP1 PPII

Rules of procedure

M6

- Build a working group, enforcing country-wise representativeness
- Define a common set of rules
- Define technical requirement for web portal
- Use nodes on-site trainings to test procedures

Report

M12

- In close relation to WP5 PPII (WP12 PPI), User access

Rules of procedure

M6

- Build a working group, enforcing country-wise representativeness
- Define a common set of rules
- Define technical requirement for web portal

Report

M12

- Strong interplay with WP8 Preparation for identification of new technologies
- Get insights from industrial board
- **EuBI training across PPII and GBI projects : Participate to international workshop for facility staff training organized and financed by Global BioImaging Project (GBI WP3 and WP4) ?**

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Identify sites

Define certification rules

List and description

M6

- Define requested fields
- Address book: target
- Diffusion/Launch Survey
- Based on survey for portfolio, identify sites
- Define topics and audiences

M12

- Define a common set of rules
- Requirements specification (portal)

M18

- Data transfer towards portal
- Beta-test of the portal

- Highly rely on former work from WP13 PPI
- Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

Survey

M4-6

- Define requested fields
- Address book: target
- Diffusion/Launch Survey
- Data collection

Tech. implementation

M12

- Requirements specification (portal)
- Standardise information
- Prepare data compilation for transfer towards portal

Portfolio

M18

- Data transfer towards portal
- Beta-test of the portal

- Highly rely on former work from WP13 PPI
- Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

ROLE OF WP7 PARTNERS

- D7.1 Organization of a meeting of CFS from EuBI nodes

- D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification

- D7.3 Report on the procedure for determination of topics and frequency of CFS training on emerging technologies

- D7.4 First list and description of identified sites for EuBI user training

- D7.5 Report on the portfolio of identified CFS training courses in lifelong vocational training

- D7.6 Report on the implementation of an e-forum and online platform for initial and vocational training and exchange activities on the EuBI web-access portal

- WP7 lead – particularly involved in coordination of CFS training
- Involved in all deliverables
- Coordinating task force
  - *Daniel Choquet, coordinator*
  - *Fabrice Cordelières, Perrine Paul-Gilloteaux, operational coordinators WP7, contact with RI train, links with Neubias, WP6*
  - *Claire Herzog, administrative officer WP7*
  - *Jean Salamero, FBI director, in charge contact with WP8, French rep GBI, in charge of Access D7.2*
  - *Corinne Tessier, PM FBI*
  - *Orestis Faklaris, Cédric Matthews: coord setting up surveys*
  - *Laurent Héliot, Serge Monneret: links to french CF training networks*
  - *Marc Landry, in charge of coord D 7.6, e-learning*
  - *Pierre-François Lenne, Béatrice Jeunemaitre : links organisation of user application, course evaluation and certification*

- Co-Lead with CNRS in Task 7.1 Prepare the general coordination of user training in EuBI

- Involved in all WP7 deliverables

As written in PPI doc, to be edited by partner

- Partner of D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification

- Partner of D7.4 First list and description of identified sites for EuBI user training

EURO-BIOIMAGING

As written in PPI doc, to be edited by partner

- Partner of D7.1 Organization of a meeting of CFS from EuBI nodes

- Partner of D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification

- Partner of D7.4 First list and description of identified sites for EuBI user training

- Partner of D7.6 Report on the implementation of an e-forum and online platform for initial and vocational training and exchange activities on the EuBI web-access portal

As written in PPI doc, to be edited by partner

Main role in WP7

- **Specific involvement in individual deliverables as national contact point**
- **Partner / collaborator in D7.1, 7.2, 7.4, 7.5 and 7.6**

Proposed contribution to WP7

Collaboration on the set-up of the training course portfolio for users and core facility staff, based on previous experience in training within Laserlab Europe network and International Summer school scheme, as well as collaboration with major Slovak universities providing education in biomedical imaging and related fields.

- Share of experience
- Pilot place for testing, course evaluation procedures
- Hosting exchange staff training visits / user training workshops
- Contribution to the online e-repository

- Proposed contribution to WP7

    - Share of experience and outcomes gained within Prep-phase I
    - A pilot place for testing – e.g. user application and course evaluation procedures
    - Hosting exchange staff training visits
    - Contribution to the e-repository with our established courses
    - Training in management and business processes – transfer of RItrain outcomes

As written in PPI doc, to be edited by partner

- Partner of D7.1 Organization of a meeting of CFS from EuBI nodes

- Partner of D7.2 Report on the set-up of coordination tools for user and CFS access to training activities, including procedures for user application, course evaluation, training sites certification

- Partner of D7.4 First list and description of identified sites for EuBI user training

- Partner of D7.6 Report on the implementation of an e-forum and online platform for initial and vocational training and exchange activities on the EuBI web-access portal

Summary
Euro-BioImaging Preparatory Phase II
Representative of Nodes – 1ˢᵗ meeting
10 June 2016
EMBL Heidelberg, ATC Courtyard Room

AGENDA

13:30	Item 1	**Welcome & Overview of EuBI PPII**
		(J. Ellenberg)
14:00	Item 2	**Interim Operation and Web Access Portal – Discussion and First Feedback**
		(PPII WP3, WP5 and WP9 - A. Keppler, J. Eriksson & P. Kankaanpää, T. Ninkovic)
15:00	Item 3	**EuBI Node Candidates: Costs Models of User Access**
		(PPII WP4 - S. Aime)
16:00		*Coffee Break*
16:30	Item 4	**EuBI Image data management**
		(PPII WP6 – J. Swedlow)
17:30	Item 5	**EuBI Training activities**
		(PPII WP7 – D. Choquet)
18:30	Item 6	**Concluding remarks and next steps**
		(J. Ellenberg)

LIST OF PARTICIPANTS

Preparatory Phase II presenters:

Chair of meeting and WP3 Lead (EMBL): Antje Keppler

WP1 (EMBL): Jan Ellenberg (PPII Coordinator)

WP4 (CNR): Silvio Aime

WP5 (ÅBO): Pasi Kankaanpää

WP6 (UNIVDUN): Jason Swedlow

WP7 (CNRS): Daniel Choquet

WP9 (EMBL): Tanja Ninković

Representatives from EuBI Hub and Node Candidates:

Last Name	First Name	Affiliation
Andilla	Jordi	ICFO -The Institute of Photonic Sciences
Anger	Martin	Masaryk University
Bernas	Tytus	Nncki Institute of Experimental Biology
Calvo	Maria	University of Barcelona
Choquet	Daniel	CNRS
Ciuk	Marcin	Nencki Institute of Experimental Biology
Colombelli	Julien	IRB Barcelona
Cordelières	Fabrice	CNRS

de la Iglesia-Vaya	Maria	CEIB_AVS
Filimonenko	Vlada	Institute of Molecular Genetics, v.v.i., Academy of Sciences of the Czech Republic
Guns	Pieter-Jan	University of Antwerp
Guzman	Camilo	Åbo Akademi University
Herzog	Claire	France BioImaging
Hink	Mark	van Leeuwenhoek Centre for Advanced Microscopy, University of Amsterdam
Kankaanpää	Pasi	Turku BioImaging
Houtsmuller	Adriaan	Erasmus Medical Centre
Leitner	Frauke	EMBL
Luini	Alberto	Institute of Protein Biochemistry
Munck	Sebastian	VIB/KU Leuven
Pepperkok	Rainer	EMBL Heidelberg
Posthuma	George	UMC
Pukonen	Inga	Turku BioImaging
Rasse	Tobias	EMBL
Renzulli	Michela	ALTA Ricerca e Sviluppo in Biotecnologie Srlu
Requejo-Isidro	Jose	CSIC
Salamero	Jean	France BioImaging, UMS CNRS-Institut Curie
Stoynov	Stoyno	Institute of Molecular Biology Roumen Tsanev
Terjung	Stefan	EMBL Heidelberg
Thiriet		France BioImaging
Tischer	Christian	EMBL Heidelberg
Tromba	Giuliana	Elettra-Sincrotrone Trieste
van Zandvoort	Marc	Maastricht University
Viale	Alessandra	University of Torino
Weyn	Babs	KU Leuven
Zimmermann	Timo	Centre for Genomic Regulation
Widerøe	Marius	NTNU
Heerschap	Arend	Radbound University Medical Centre
Janson	Marcel	Wageningen University

All presentation slides are uploaded here:
https://drive.google.com/open?id=0B3iy3cTc0JM8N3dScmVQY0I0MEk

Item 1 – Welcome and Overview of Preparatory Phase II
PPII Project Coordinator Jan Ellenberg
Jan Ellenberg welcomes the Representatives from EuBI Hub and Node Candidates and highlights that EuBI's second Preparatory Phase has already started delivering important results that can be mainly summarised in the start of the infrastructure's Interim Operation. He briefly presents the overview of EuBI status during Preparatory Phase II, please see slides for details.

The Node Candidates brought up their concern regarding the user access costs, and how they will be paid for by the users. Jan clarified that for the time being the EuBI infrastructure will not pay for user access, but the Hub teams will support users to identify suitable grants for covering access costs. In the future, the EuBI ERIC Member countries might also look into setting up a common budget for user access grants.

Item 2 – Interim Operation and Web Access Portal – Discussion and First Feedback

PPII WP3, WP5 and WP9 - A. Keppler, P. Kankaanpää, T. Ninkovic

Antje Keppler reports on the successful start of Interim Operation (IO) on May 20th, which was prepared and achieved by WP3 and WP5 as represented by the three Hub teams in Turku, Torino and Heidelberg. The Hub candidates are now operating and prepared to manage the user access during Interim Operation and to set-up the future services for training coordination with WP7, image data management with WP6 and external communication with WP9. Across the three Hub teams, the team spirit is already strong and things are moving forward. Antje mentions the communication between Hub and Node Candidates, and that during April/May five conference calls took place with the 29 Node Candidates to provide the updated overview on EuBI and IO.

Pasi Kankaanpää presents the Interim Web Access Portal (WAP) and invites again all Node Candidates to check their online profile if they need to update the presentation. All Node Candidates can use their preferred name for their facility in the WAP. Pasi also invites Node Candidates to include a picture in their profile, and recommends that each Node Candidate reports <u>one</u> email address only as contact in the Interim WAP to ensure that responsibilities are clear and users receive a response without delay (this email address can be a distribution list that is set up locally by the Node Candidate). It is discussed if all facilities that constitute one Node Candidate in the case of multi-sited Node Candidates should be visible. Antje reminds that it is up to the Node Candidates to decide what they would like to display on the WAP, but that it should be kept in mind that users can easily become overwhelmed with too many details. A search/filter function for key words, institutions and services is planned to be implemented in the final WAP.

Pasi especially emphasizes the importance of advertisement of the Interim Operation on the Node Candidate individual homepages.

Tanja Ninkovic reports on the Euro-BioImaging Industry Board (EBIB) survey which has the aim to understand better the operation of imaging facilities linked to Node Candidates. Here, 27 of 29 Node Candidates already replied. In the future, the EBIB will organize workshops with Representatives of Nodes to discuss topics that require improvements and stronger collaboration of facilities and companies.

Tanja also informs the participants about material that is developed for the announcements of Interim Information: a Nature advertisement was published in print and online, newsletter (sent to >1700 stakeholders), poster that can be also printed on A4 as a small flyer and displayed by the Node Candidates. She also informed the Node Candidates that the whole document with communication guidelines and links for download of all useful templates for flyers, posters, presentation templates, general Euro-BioImaging presentation etc. is being prepared by the WP9 and will be now distributed to the Node Candidates. This will also include a logo for the EuBI Node Candidates (modification of the Euro-BioImaging mail logo). Some Node Candidates in Italy would like to know if they could use the EuBI logo when they organize EuBI related events. It is asked that they communicate it to Tanja beforehand so that she can support the advertisement as well on the EuBI website. In general, it is agreed that the EuBI logo should be used if an event is organized in the framework of EuBI and that feedback to the communication office (Tanja Ninkovic) is necessary to allow keeping track of such events for future reports (e.g. to member states).

Start of Interim Operation will be further advertised in the coming weeks, as e.g. via sending the latest version of the EuBI newsletter to all scientists who sent a "letter of intent" in 2013.

WP9 - https://www.surveymonkey.com/r/XM2P832

Item 3 – EuBI Node Candidates: Costs Models of User Access

PPII WP4 - S. Aime

Silvio Aime reports on the WP4 survey on user access cost. The survey covers mainly the cost model being currently applied at the Node Candidates, including few questions about offered additional services and support for lodging. It has been sent out to Node Candidates as an excel file by WP3. Until this 1st RoN meeting, 12 out of 29 Node Candidates sent back the questionnaire to WP4 (10 Biological Imaging Node Candidates, 1 Medical Imaging Node Candidates, 1 mixed node Candidate).

Main results of the received questioners included:

- Users are on average charged approximately 50% of the full costs in biological imaging
- Users are on average charged more than the full costs in medical imaging
- Overall full costs are similar for all Nodes
- User fees vary between Node Candidates up to 5 to 10-fold (see Fig 1)
- Within some technology groups full costs and user fees do vary. A cost model from one Node Candidate was presented as an example. (see Fig 2).

While inviting the missing Node Candidates to fill in the survey - as a low turnout won't allow to build a reliable/comprehensive model -, Silvio explains that a first analysis shows that there are great differences in the costs for user access among Node Candidates. His first conclusion, based on the current replies, is that the cost model underestimates costs for MI and overestimates costs for BI. In the long-term, EuBI can help the standardization of cost models, but it will be difficult to leverage the actual costs. In the end, it is expected that the user will go to the preferred Node Candidate based on required technology and expertise, not so much based on the price.

Concerns were raised that facilities might compete using a low user fee as major selling proposition, and Nodes might be pressurized to comply with a harmonized user fee model (limitations imposed by local rules, guidelines and laws (e.g. related to industry access and depreciation for full cost calculation) were elaborated).

The question of what can be done to avoid that access costs hampers user access was raised. Silvio explains that at the Node Candidate for Molecular Imaging in Italy, EuBI users get a 10% discount (on the full cost) compared to regular users. User access could be supported by various sources of funding that will need to be identified but that could go into awards for excellent projects, for instance.

Current possibilities could be:
- A common budget for user access by the Interim Board;
- EU funding for transnational user access.

It is reported that in Norway, in order to prepare for EuBI, user contracts have been developed. They will allow to subsidize the access freeing the Node Candidate up from the national obligation of charging a certain amount to users. This is possible because EuBI is a "not-for-profit" project.

Silvio informs the Node Candidates that there will be post-access surveys where information such as in-kind contributions from the Node Candidate during IO can be provided.

It is explained that it is important to quantify the access cost also to be able to ask for funding and to justify to the funders why a certain amount is asked for. He clarifies that the objective of this exercise is not to make the service as cheap as possible by initiating a price war amongst the Nodes but to understand what is the *status quo*. It is observed that amongst the existing BMS RIs, INSTRUCT is the closest to EuBI concerning their cost model.

Summary
The outcome of the survey will be used to come up with a realistic pricing model that can be discussed with funders (the price range model per technology (as used by the DFG based on data from GerBI) was given as example). Future harmonization is per se desirable given it is primarily driven bottom up. There are no plans to pressurize any facility to change user fee policies. Although fees vary EuBI Hub and Node Candidates are confident that user will base their preference for working at a certain facility on expertise and excellence (and not on the costs). It was highlighted that Euro-BioImaging encourages collaboration and discourages "price competition". Limitations of the simplified cost model were discussed, still the current model seems to fit its purpose.

	min	max	average	Average full cost
ALM	5	65	30	69
Super Resolution	5	55	31	120
Functional Imaging	5	70	42	105
High-throughput	5	55	21	93
EM	22	100	53	135
CLEM	50	58	54	177
Mesoscopic	12	12	12	66
(micro)MRI	100	242	237	187
(micro)PET	100	170	123	112
(micro)SPECT	100	260	170	137
(micro)CT	120	170	145	106
Optical Imaging	64	180	119	76
(micro)Ultrasound	30	160	92	68
PET-CT	185	611	311	165
High field MRI	62	250	165	267

Figure 1: First results from PPII WP4 questionnaire on user access costs at 12 EuBI Node Candidates.

	Full Cost	User Fee
Multiphoton Microscopy System	125	↓ 65
Laser scanning confocal microscopy (LSCM)	73	↓ 40
Total internal reflection fluorescence microscopy (TIRF)	52	29 ↓
Spinning disc confocal microscopy	50	↓ 41
Deconvolution widefield microscopy	19	↓ 14

Figure 2: Example of individual Node Candidate of different costs for different technologies.

Item 4 - EuBI Image data management

(PPII WP6 – J. Swedlow)

Jason Swedlow reports on the aim of PPII WP6, to extend the utility of the Image Resource Portal (IRP) and the Image Data Repository (IDR), and to link them to the Euro-BioImaging portal, and to prepare them for production use by the Euro-BioImaging user community. He emphasizes that the IDR is one, but not THE image data repository, which shall demonstrate the value of building open access image data repositories. WP6 has scheduled a meeting in mid-June in Dundee, to discuss database and data resource design for IRP with representatives from bio.tools (from ELIXIR). Regarding the IRP, WP6 aims to work with Neubias to plan a community meeting in Autumn 2016.

The IDR is up and running, already comprising more than 42 TB of raw images.

> The Image Data Repository IDR is hosted by EMBL-EBI with this URL:
>
> **https://idr-demo.openmicroscopy.org**

Jason invites repeatedly image data reference sets, in particular for medical imaging data (CT, MRI etc.), to be included in the IDR.

Item 5 - EuBI Training activities

PPII WP7 – D. Choquet

Daniel Choquet reports on the work done in WP7, and that two surveys were sent to the Node Candidates to prepare D7.4 "First list and description of identified sites for EuBI user training". The objective of the surveys is to identify the sites for EuBI user and CFS training and to set-up the portfolio of the user/CFS training courses available.

The training site survey was completed by 19 sites representing 13 Node candidates in 9 countries. The training survey was submitted by 10 Node Candidates (7 countries) reporting on 50 individual training activities. The EuBI Industry Board (EBIB) has expressed their interest to fill in this survey. All Node Candidates are invited to submit the surveys for WP7 (training) latest until July 15th. Relevant links are

WP7 - https://fr.surveymonkey.com/r/EuBI_TrainingSitesSurvey

WP7 - https://fr.surveymonkey.com/r/EuBI_TrainingSurvey

Daniel also mentions the WP7 CFS meeting on 30th of September, at the MiFiBio Meeting in South of France. Interested staff at the EuBI Node Candidates is invited to register now.

Registration for MiFiBio Meeting for CFS at EuBI Node Candidates:

https://france-bioimaging.org/meeting-eubi-wp7-core-facilities-staff/

Item 6 - Concluding remarks and next steps
PPII Coordinator - J. Ellenberg
Jan thanks all participants for their active participation in the EuBI Preparatory Phase II and is looking forward to the common activities in the Interim Operation. He thanks the three Hub teams for the preparation of the Interim WAP, the Interim Operation and the GBI workshop as well as this 1st Representatives of Nodes meeting.

EuBI Training Activities

PPII WP7 – D. Choquet

TECHNICAL PREPARATION FOR COORDINATION OF TRAINING ACTIVITIES

Role	Institute	Person	Person/Months
Lead	CNRS	Daniel Choquet	9
Participant 1	EMBL	Rainer Pepperkok	in kind
Participant 2	CNR	Silvio Aime	in kind
Participant 3	IBMC	Paula Sampaio	in kind
Participant 4	ILC	Dusan Chorvat	2,5
Participant 5	IMG	Pavel Hozak	2
Participant 6	MU	Jana Silarova	in kind
Participant 7	COIMBRA	Miguel Castelo-Branco	in kind

WP Objectives:
✓1. Preparation for **coordination of user training** in EuBI
✓2. Preparation for **coordination of core facility staff training** in EuBI
✓3. Prepare **CFS online training and exchange resources**

M6
- D7.1: Organization of a **meeting** of CFS from EuBI nodes

M12
- D7.2: **Report** on set-up of **coordination tools for users and CFS access** to training activities (user application, course evaluation, sites certification)
- D7.3: **Report** on procedure for determination of **topics and frequency** of CFS training on emerging technologies

M18
- D7.4: **First list and description** of identified sites for EuBI user training
- D7.5: **Report on portfolio** of identified CFS training courses in lifelong vocational training

M24
- D7.6: **Report on implementation of an e-forum and online platform** for initial and vocational training and exchange activities on the EuBI web-access portal

Activities in the first 6 months:	other WPs:
Update of the **portfolio of user and CFS training courses** for different imaging technologies served by EuBI Nodes (based on deliverable 13.3 from WP13 PPI)	WP13 (PPI)
Initiate proposal of **rotation procedure** of user courses among Nodes, including determination of required course topics and frequency (based on deliverable 13.2 from WP13 PPI)	WP13 (PPI)
Initiate proposal for user and CFS **application procedure** as well as **course evaluation procedures and training sites certification** (based on deliverable 13.2 from WP13 PPI)	WP13 (PPI) WP5 (PPII)
Initiate proposal to establish the EuBI **procedure for determination of topics and frequency of training** on emerging technologies	WP3, WP8 and EuBI Industry Board

Challenges:
- Getting feedback from targeted audiences (CFS, training units etc…)
- Setting-up the appropriate data collection strategy
- Setting-up light and efficient procedures (application, evaluation, certification…)
- Insuring interoperability and smooth communication with
  - Medical community
  - Eubi Nodes
  - Industry board
  - Other EC projects (**Global Bio Imaging,** Ri Train/Corbel, Bio image analyst cost Neubias,..)
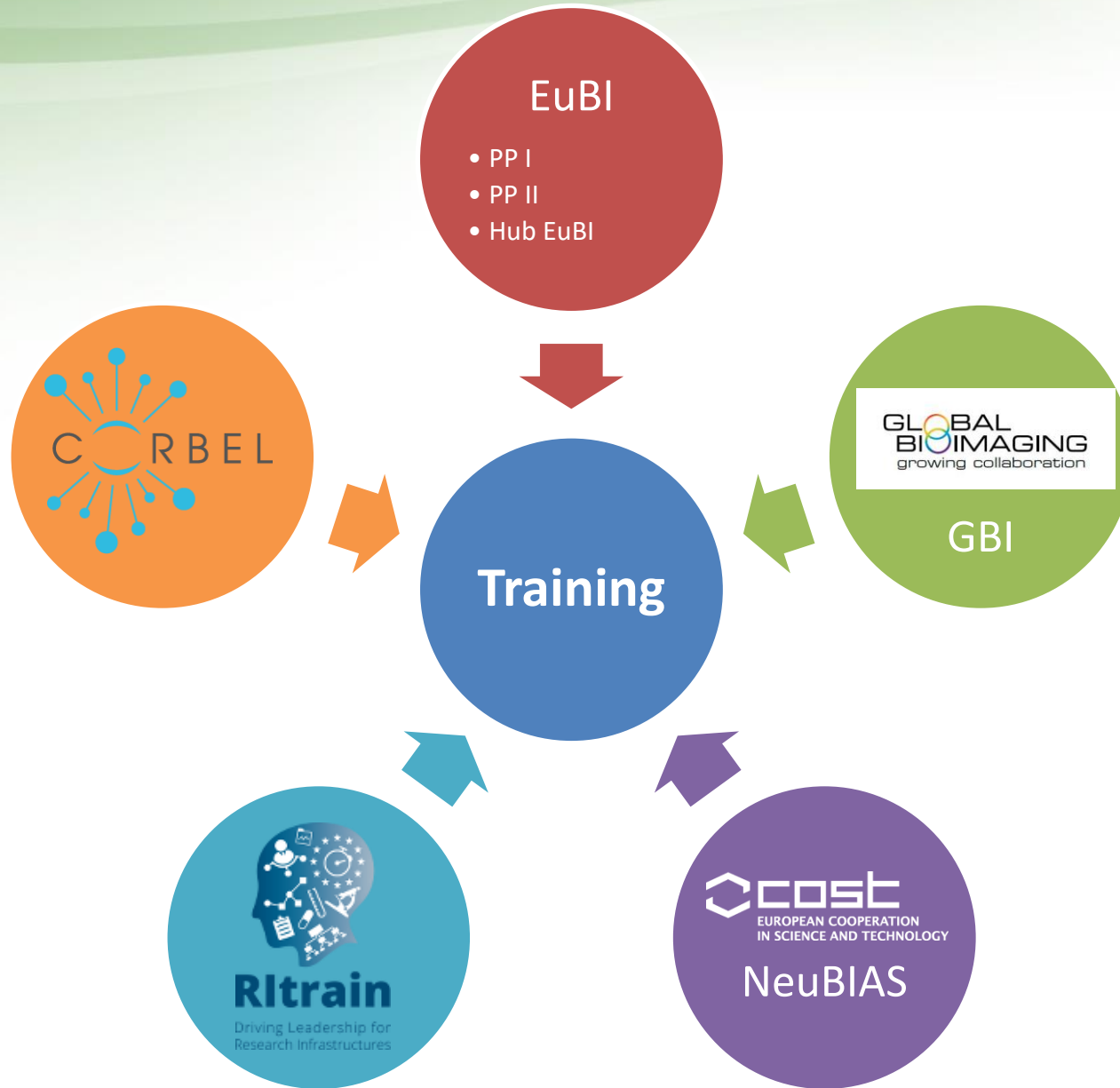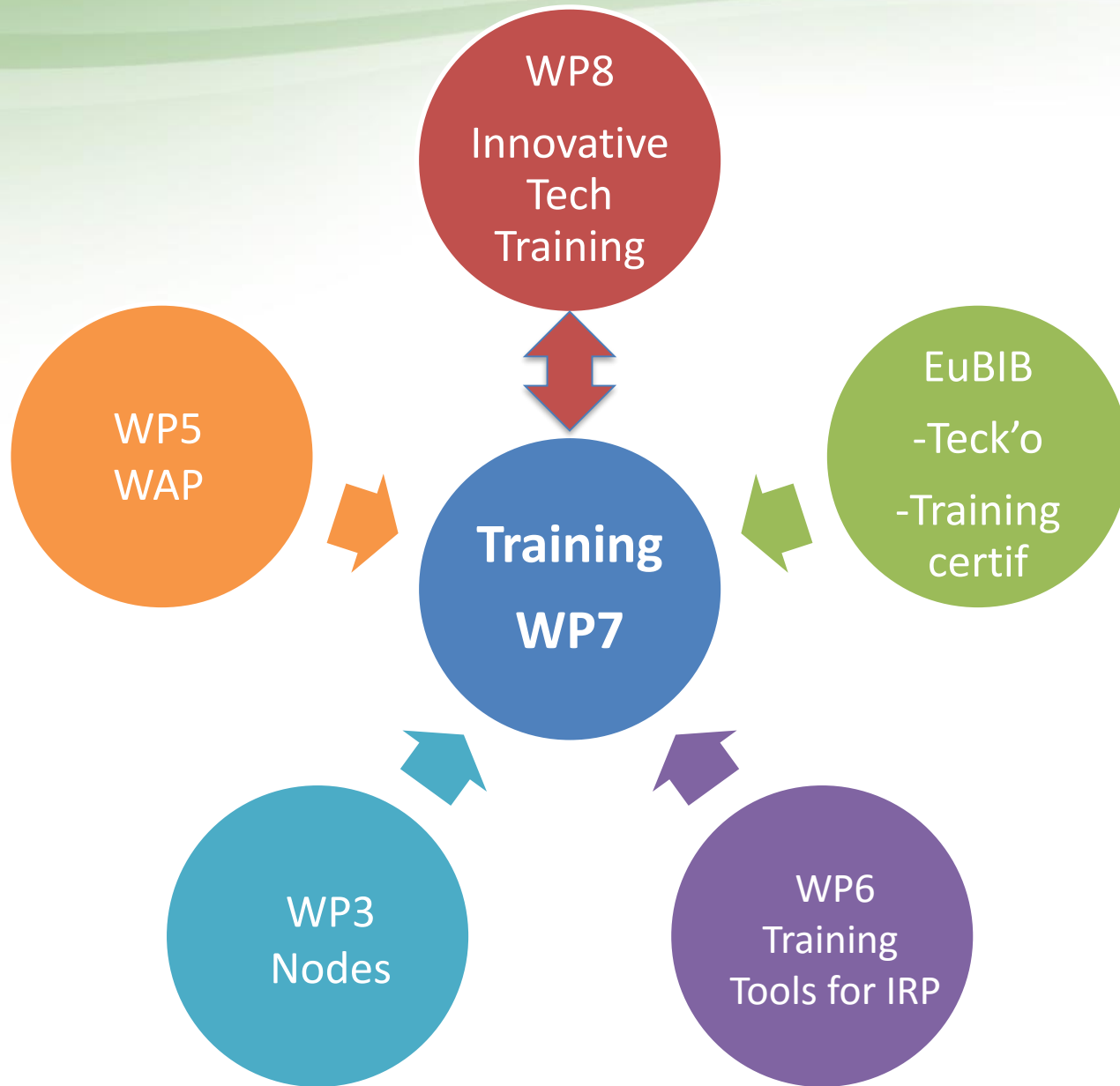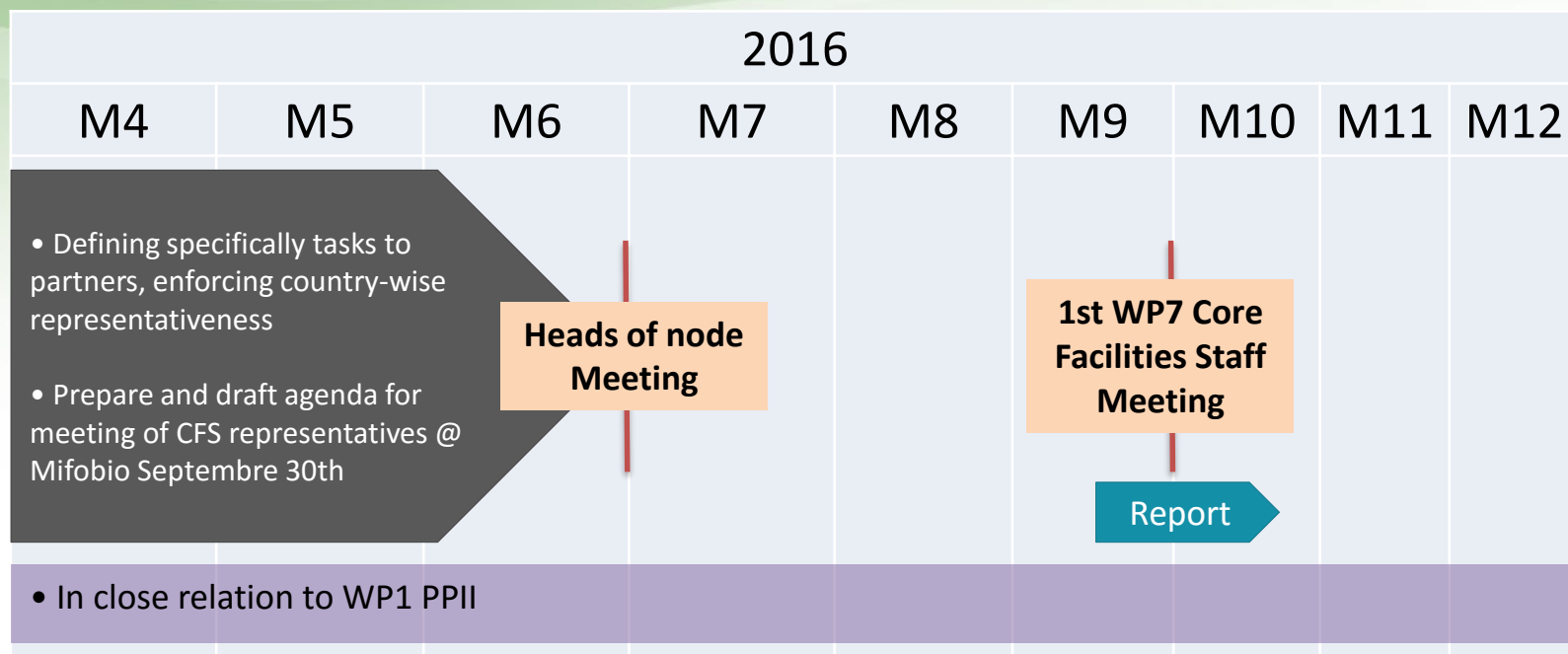
Working sub-groups created in WP7:

Establishing the surveys content

Cross-work with User access WP5 and WP6

Cross-work with WP8 and industry board

Medical Imaging

E-learning content

EURO-BIOIMAGING

2016								
M4	M5	M6	M7	M8	M9	M10	M11	M12

• Defining specifically tasks to partners, enforcing country-wise representativeness

• Prepare and draft agenda for meeting of CFS representatives @ Mifobio Septembre 30th

Heads of node Meeting

1st WP7 Core Facilities Staff Meeting

Report

• In close relation to WP1 PPII

Status update

Invitation sent on April 14th (deadline on May 15th)

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14 registrations: 6 Nodes represented (France BioImaging, Advanced Light and Electron Microscopy Node Prague CZ, NORMOLIM, SLN@BCN, Barcelona Live and Intravital - Advanced Light Microscopy Node, Facility of excellence in imaging - ALM and Molecular imaging Node Maastricht)

Tentative agenda

2016								
M4	M5	M6	M7	M8	M9	M10	M11	M12

• Build a working group,enforcing countrywise representativeness
• Define a common set of rules
• Define technical requirement for web portal
• Use nodes on-site trainings to test procedures

Report

- • In close relation to WP5 PPII (WP12 PPI), User access
- • Special care on inter-operability in data gathering: in first step and during interim phase, Survey Monkey in professional version will be used as provided by WP5

Status update

Working group building

Technical requirement for web portal:

First discussions with Turku team on Feb. 5th

Feedback on WAP content (disclaimer, data access)

Use nodes on-site training to test procedures

Proposition made by several partner sites to be pilot nodes to test the procedure

DETERMINATION OF TOPICS AND FREQUENCIES OF CFS TRAINING ON EMERGING TECHNOLOGIES

EURO-BIOIMAGING

2016								
M4	M5	M6	M7	M8	M9	M10	M11	M12

• Build a working group, enforcing countrywise representativeness
• Define a common set of rules
• Define technical requirement for web portal

Report

- Converging topics identified between GBI and Eubi: e-learning and online survey (link to D7.4).
- Close work with WP8, identification of new technologies (define procedures + run a showcase to test and improve procedures, if necessary; « Teck'o » with EuBI Industry Board)
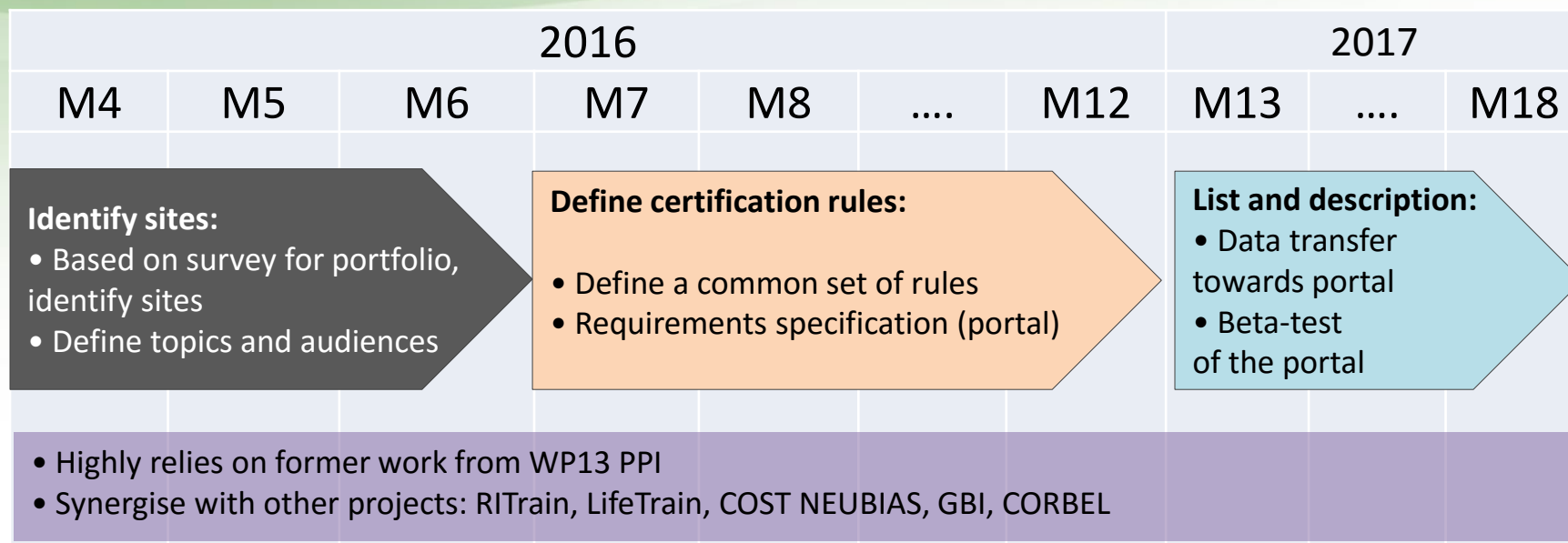
Status update

Working group building

Technical requirement for web portal:

First discussions with Turku team on Feb. 5th

Define a common set of rules:

To be started as soon as the sub-workgroup members are defined

D7.4
FIRST LIST AND DESCRIPTION OF IDENTIFIED SITES FOR EUBI USER TRAINING

2016							2017		
M4	M5	M6	M7	M8	….	M12	M13	….	M18

Identify sites:
• Based on survey for portfolio, identify sites
• Define topics and audiences

Define certification rules:
• Define a common set of rules
• Requirements specification (portal)

List and description:
• Data transfer towards portal
• Beta-test of the portal

• Highly relies on former work from WP13 PPI
• Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

Status update

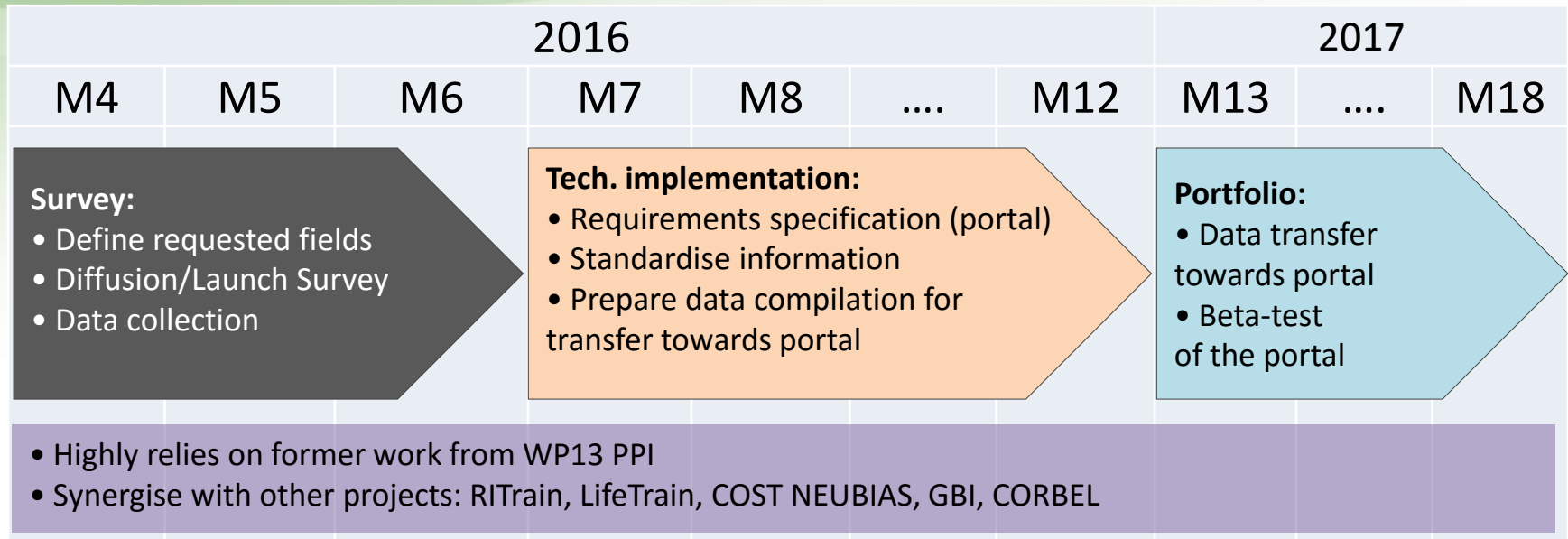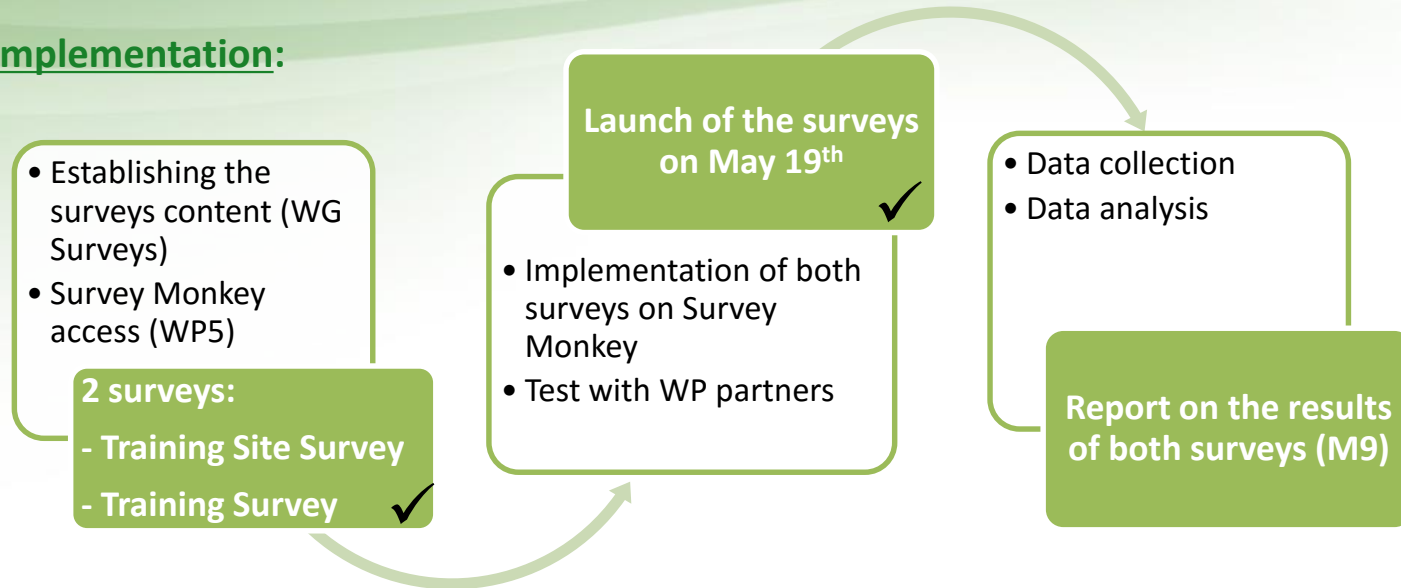**Implementation of a <u>Training Site Survey</u>** (March-April, test with Training WG)

Technical aspects: use of **Survey Monkey Pro** (access granted by WP5 on April 25th)

Launch of the survey on May 19th

First deadline: June 2nd

First analysis of the results: identification of the training sites, definition of topics and audiences

2016							2017		
M4	M5	M6	M7	M8	….	M12	M13	….	M18

Survey:
• Define requested fields
• Diffusion/Launch Survey
• Data collection

Tech. implementation:
• Requirements specification (portal)
• Standardise information
• Prepare data compilation for transfer towards portal

Portfolio:
• Data transfer towards portal
• Beta-test of the portal

• Highly relies on former work from WP13 PPI
• Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

Status update

Implementation of a Training Survey (March-April, test with Training WG)

Technical aspects: use of **Survey Monkey Pro** (access granted by WP5 on April 25th)

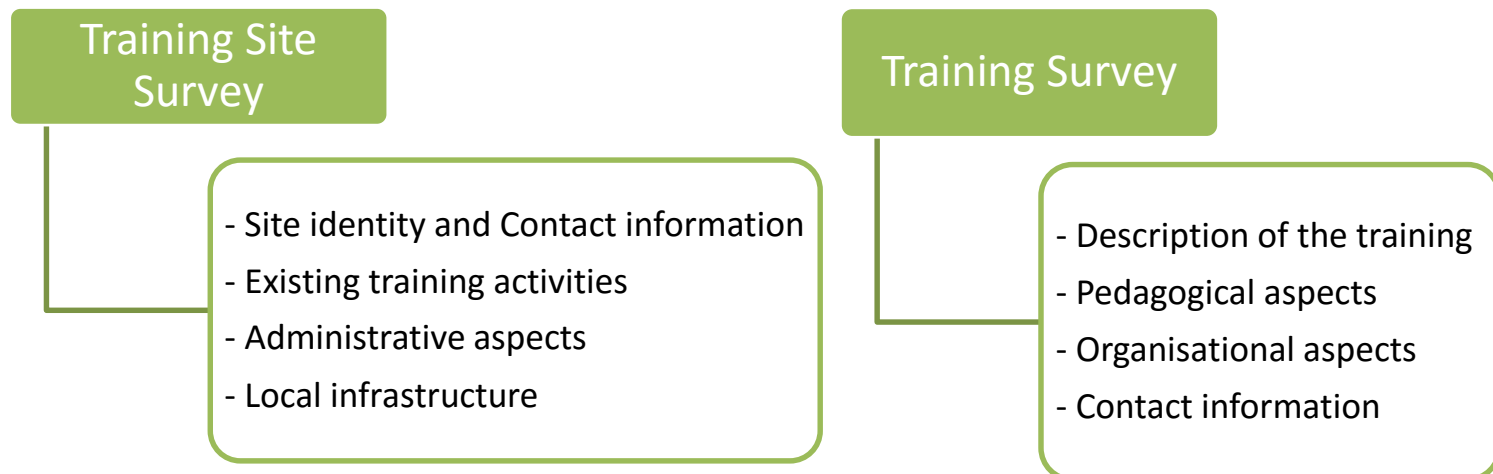**Launch of the survey** on May 19th

First deadline: June 2nd

First analysis of the results: Standardise the information collected and prepare data compilation for transfer towards WAP (coordination with WP5)

WP7 TRAINING SITE AND TRAINING SURVEYS

EURO-BIOIMAGING

Surveys implementation:

- Establishing the surveys content (WG Surveys)
- Survey Monkey access (WP5)

2 surveys:
- Training Site Survey
- Training Survey ✓

Launch of the surveys on May 19th ✓

- Implementation of both surveys on Survey Monkey
- Test with WP partners

- Data collection
- Data analysis

Report on the results of both surveys (M9)

Surveys content:

Training Site Survey

- Site identity and Contact information
- Existing training activities
- Administrative aspects
- Local infrastructure

Training Survey

- Description of the training
- Pedagogical aspects
- Organisational aspects
- Contact information

13

Training Site Survey

19 surveys completed

13 Node Candidates represented

(9 countries)

Advanced Light and Electron Microscopy Node Prague CZ

Advanced Light Microscopy Facility, EMBL

Barcelona Live and Intravital - Advanced Light Microscopy Node (BLivIN)

Facility of excellence in imaging - ALM and Molecular imaging Node Maastricht

Finnish ALM Node - Advanced Light Microscopy Finnish Node

France BioImaging Node

High Throughput Microscopy Dutch Flagship Node

LIMBO - Advanced Light Microscopy Belgian Node

Molecular Imaging Italian Node

NorMIC Oslo - Advanced Light Microscopy Node Oslo

Sofia Euro Bioimaging node Candidate

SLN@BCN - Barcelona super Resolution Light Nanoscopy - Super Resolution Node Barcelona

The Van Leeuwenhoek Center for Advanced Microscopy (LCAM) - Functional Imaging Flagship Node Amsterdam

Training Survey

50 trainings proposed

10 Node Candidates represented

(7 countries)

Advanced Light and Electron Microscopy Node Prague CZ (4)

Advanced Light Microscopy Facility, EMBL (5)

Advanced Light Microscopy Italian Node (1)

Advanced Light Microscopy Polish Node (1)

Erasmus MC OIC - Advanced Light Microscopy Rotterdam Node (1)

Facility of excellence in imaging - ALM and Molecular imaging Node Maastricht (5)
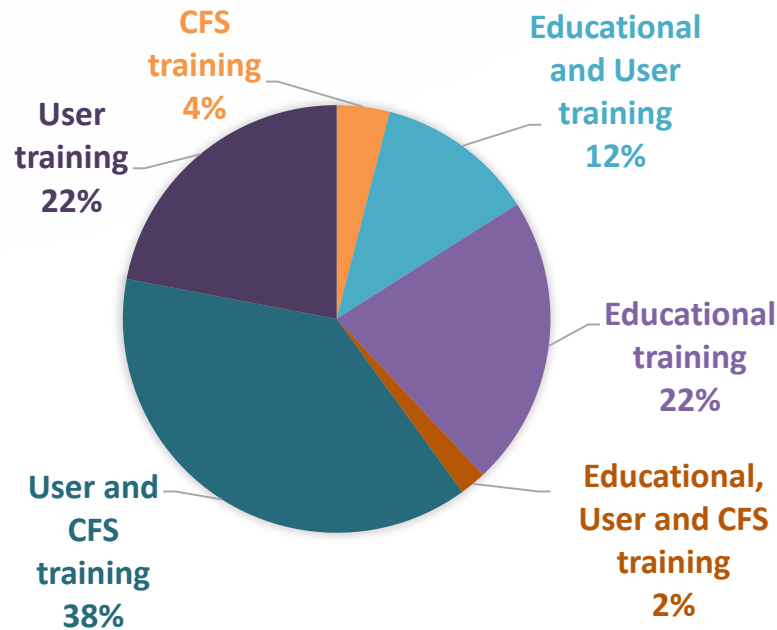
France BioImaging Node (27)

LIMBO - Advanced Light Microscopy Belgian Node (1)

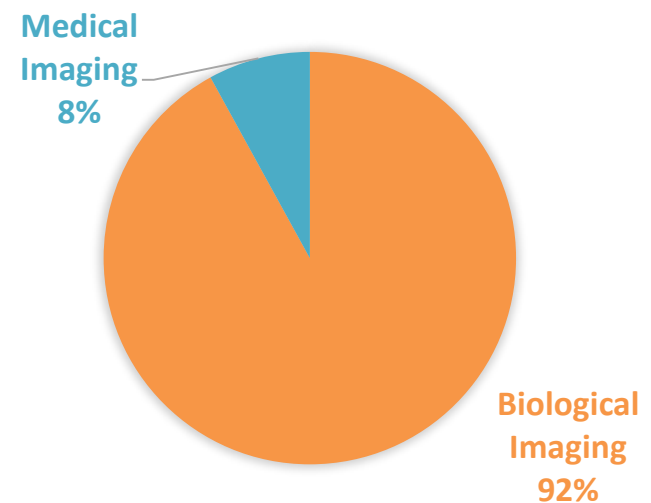Molecular Imaging Italian Node (4)

The Van Leeuwenhoek Center for Advanced Microscopy (LCAM) - Functional Imaging Flagship Node Amsterdam (1)
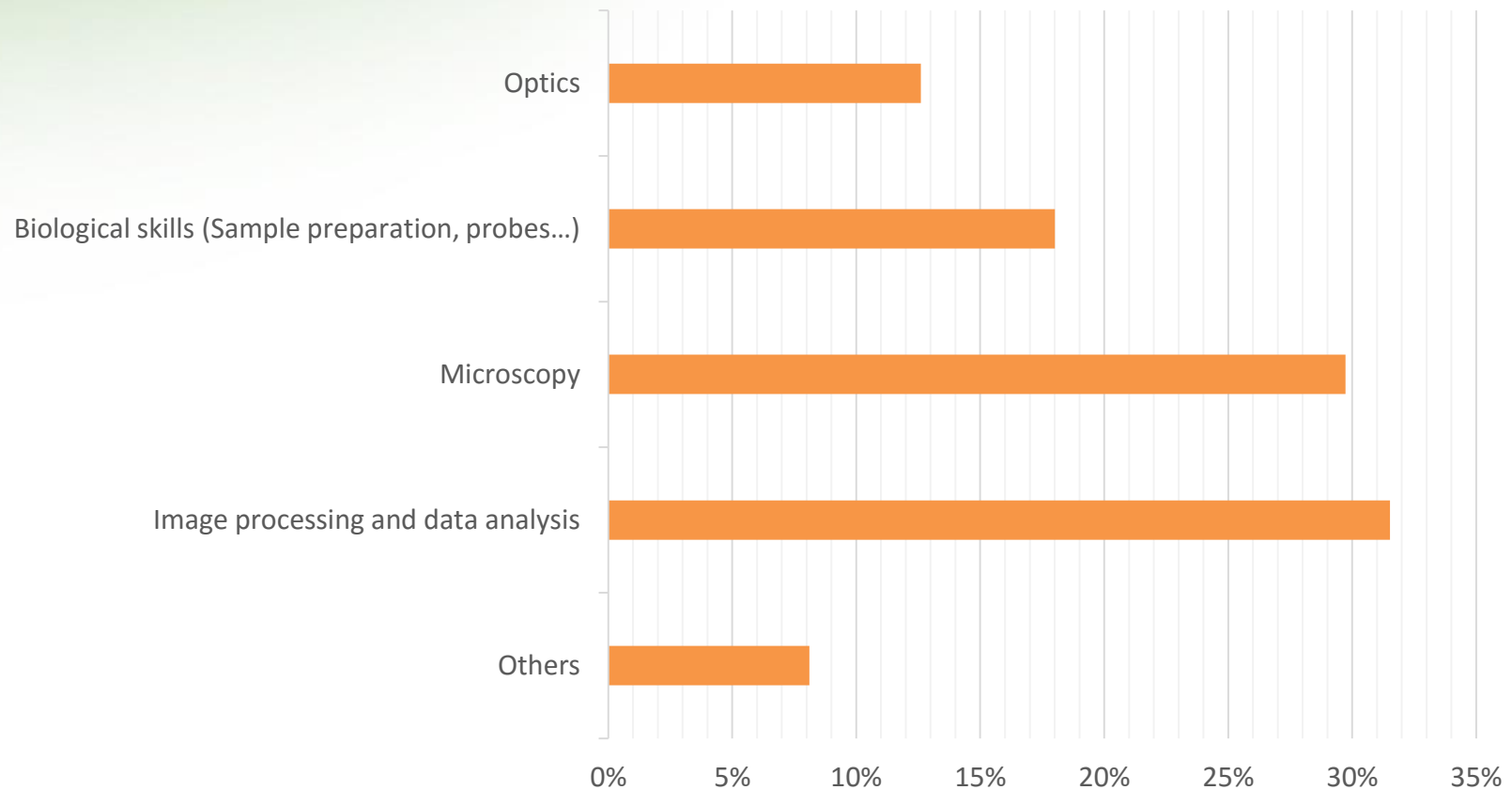
Training Survey

TYPE OF TRAINING

- CFS training 4%
- User training 22%
- Educational and User training 12%
- Educational training 22%
- Educational, User and CFS training 2%
- User and CFS training 38%

GENERAL AIM OF THE TRAINING

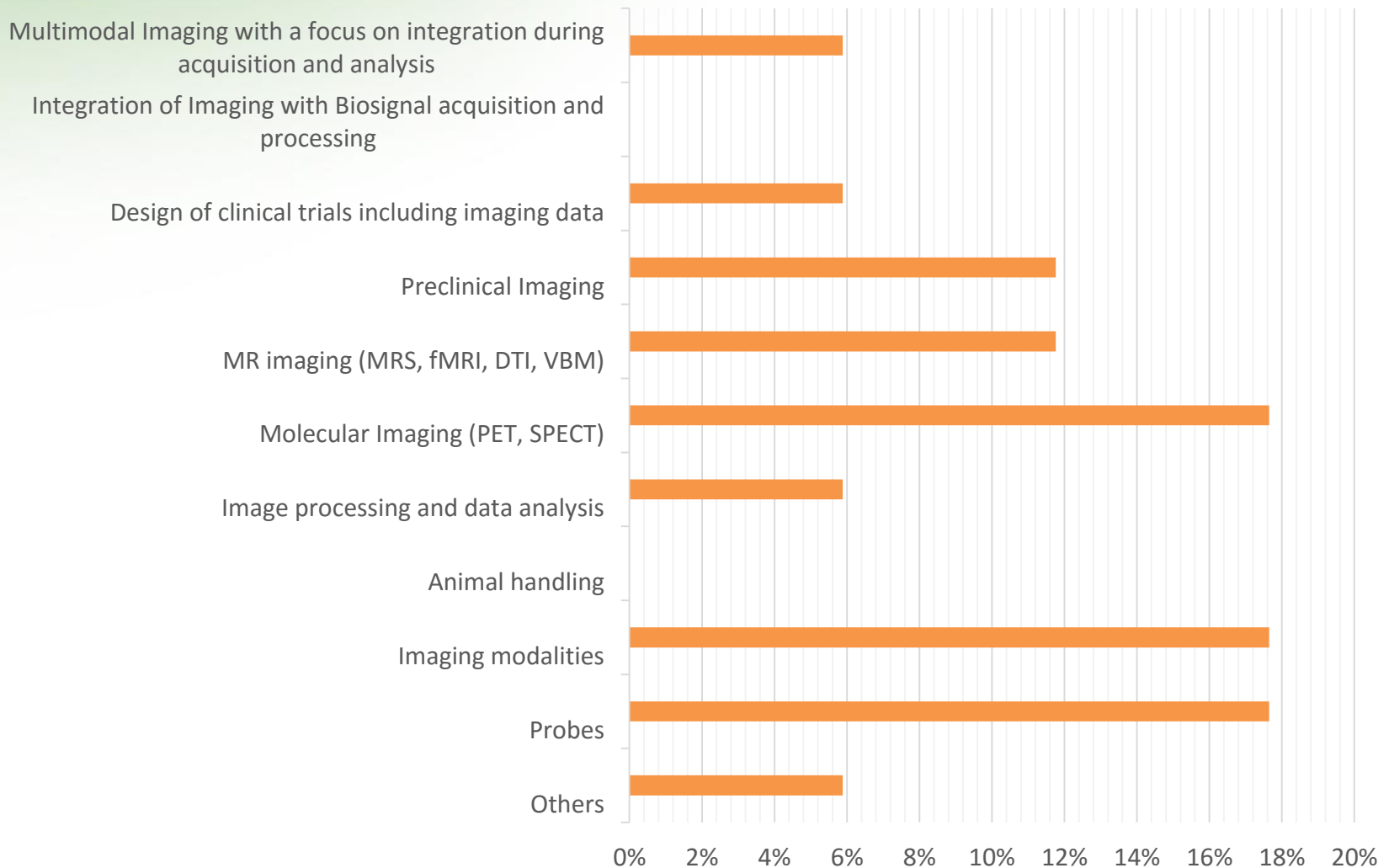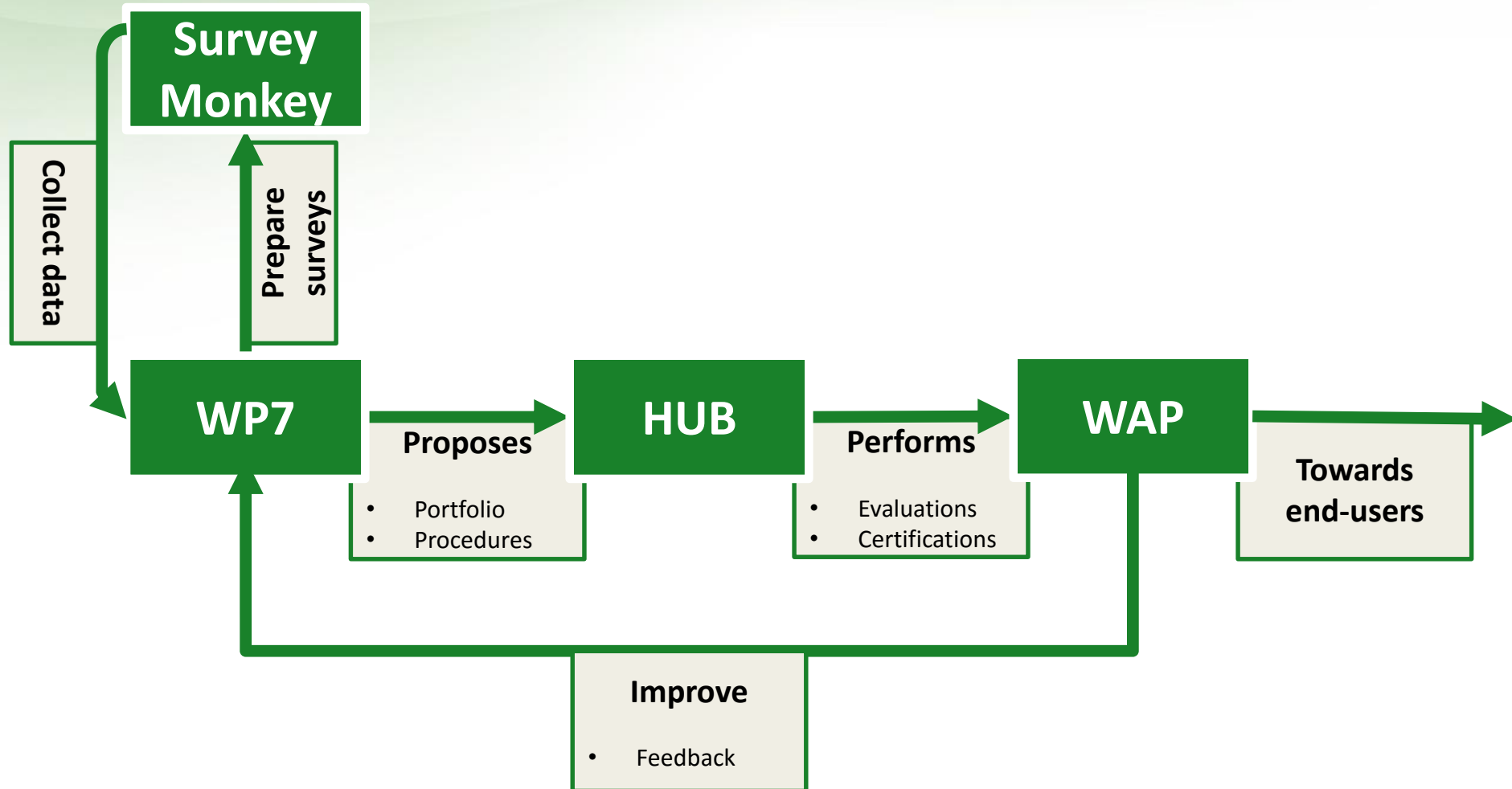- Medical Imaging 8%
- Biological Imaging 92%

➢ None as distance training or e-training (except for MiFoBio)

➢ 90% of the trainings programmes include theoretical and hands-on courses

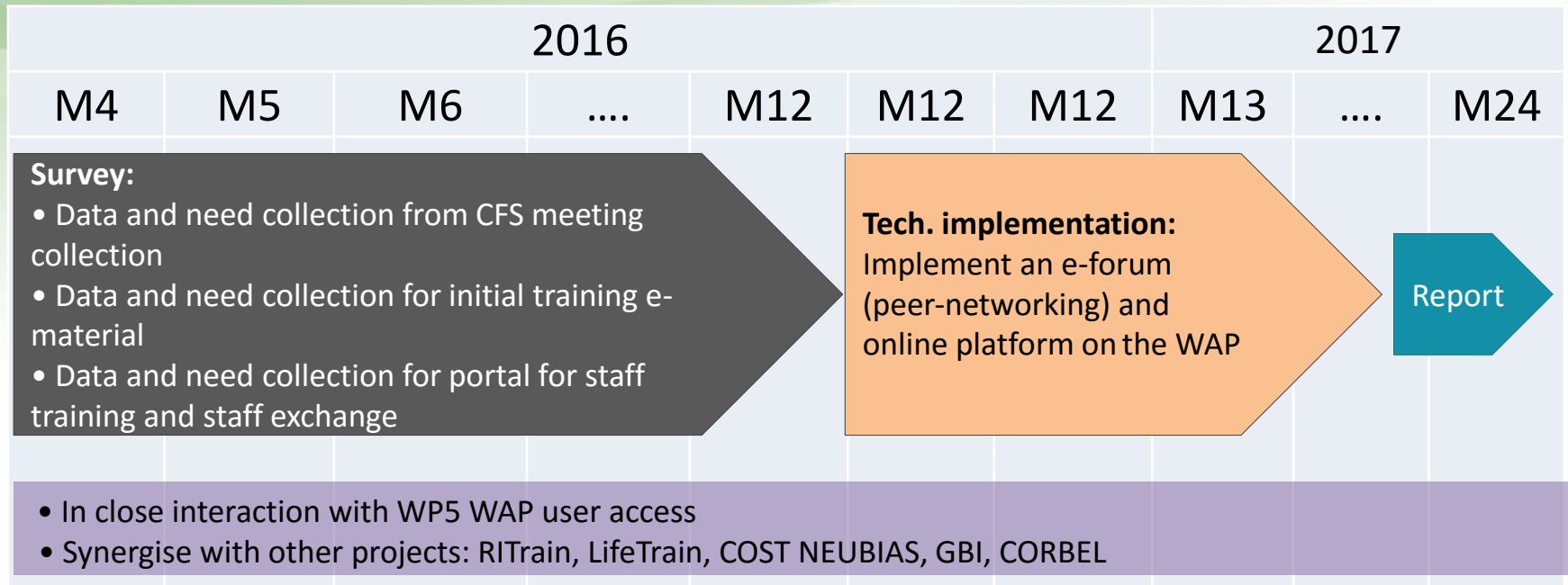15

Topics in Biological Imaging Trainings

Topics in Medical Imaging Trainings

EURO-BIOIMAGING

2016							2017		
M4	M5	M6	….	M12	M12	M12	M13	….	M24

Survey:
• Data and need collection from CFS meeting collection
• Data and need collection for initial training e-material
• Data and need collection for portal for staff training and staff exchange

Tech. implementation:
Implement an e-forum (peer-networking) and online platform on the WAP

Report

• In close interaction with WP5 WAP user access
• Synergise with other projects: RITrain, LifeTrain, COST NEUBIAS, GBI, CORBEL

Status update

Sub group e-learning defined:

Ensure medical imaging involvement

Study existing platform (AMRRF, lost in imagings webinars, MOOC …)

Discussion planned at head of node meeting (during GBI meeting)

Data collection

Core facility Staff Meeting end of September (D7.1) .

First data collection in the survey

19

NEXT STEPS

- Pursue and analyze in detail results of the survey
- Extend the surveys to the EBIB
- Accelerate development of the e-learning program
  - collaboration with MyScope
  - Users versus F training
- Establish a set of procedures and rules for the certification
  - With EBIB,
  - With WP8
- Establish a set of procedures and rules for the identification of trainings on emerging technologies
- Build the list of training sites and trainings
- Propose a call for training nodes
- Next event: CFS meeting at MifoBio, September 30th: agenda elements

Paris, May 13th, 2016
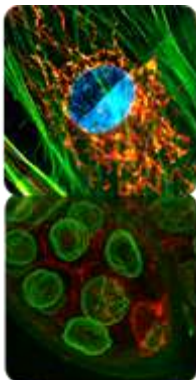
Dear All,

France BioImaging and its partners from the EuBI WP7-Training are pleased to invite you to participate to the **1st WP7 Core Facilities Staff Meeting** that will take place on **September 30th** (from 8 am to 3 pm), in **Seignosse, France**.
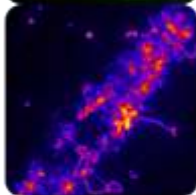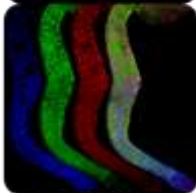
Intended to the Core Facilities Staff from EuBI candidate nodes only, this meeting will be an opportunity to present and exchange about the portfolio of trainings that need to be set up at the level of the European infrastructure.
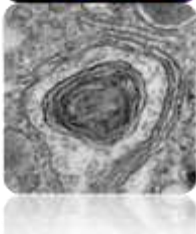
Due to a limited number of places, please register for attending the meeting before May 15.
click to register**.**

The meeting will be held the day before the beginning of **MiFoBio** (from september 30 to october 7). On this special occasion, **France BioImaging will fund** MiFoBio 2016 **participation fees** to 15 foreign platform members who will participate to the WP7 Core Facilities Staff Meeting. If you wish to participate to the MifobIo school but you are not registered yet, France bioImaging will take care of it.

In the name of the FBI Executive Board and the EuBI WP7-Training group,

Sincerely yours,

Daniel Choquet, PhD (DR CNRS)
EuBI WP7-Training Group Leader

Jean Salamero, PhD (DR CNRS)
Coordinator of France BioImaging