EC Funded program to promote Transnational Access to Research Infrastructures for Nuclear and Particle Physics (Accelerators & Detector) R&D

HORIZON-INFRA-2021-SERV-01-07 - Research Infrastructures Services Advancing Frontier Knowledge

Grant Agreement 101057511 – EURO-LABS

EURO-LABS - WP3 Meeting – 05.09.2022

I. Efthymiopoulos, EURO-LABS, CERN

EURO-LABS Project

Status – next steps

Project accepted by EC

Jan 18, 2022

Preparation of GA, CA, signatures

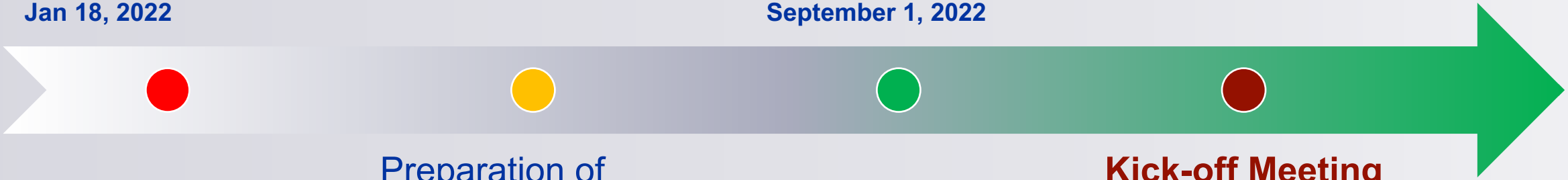
Feb-May, 2022

Project start-up

September 1, 2022

Kick-off Meeting

October 3-5, 2022

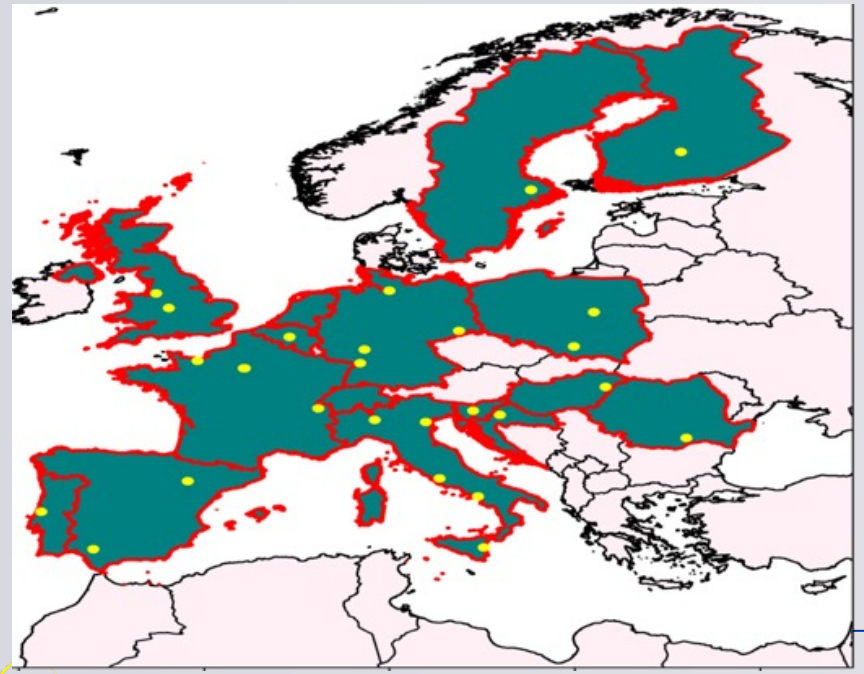


- **Resolved issues with Associate Partner Laboratories : UK, CH, USA, PT, JPN, DE, IT**

EURO-LABS Consortium

Close Look

- **33 participating Laboratories**
- **Access to 43 Research Infrastructures (RIs)**
- **Spread in 12 countries across Europe**



Coord	1	INFN	ISTITUTO NAZIONALE DI FISICA NUCLEARE	IT
Beneficiaries	2	GANIL	GRAND ACCELERATEUR NATIONAL D'IONS LOURDS	FR
	3	CERN	ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE	CH
	4	JSI	INSTITUT JOZEF STEFAN	SI
	5	IFJ PAN	THE HENRYK NIEWODNICZANSKI INSTITUTE OF NUCLEAR PHYSICS, POLISH ACADEMY OF SCIENCES	PL
	6	DESY	DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY	DE
	7	UCL	UNIVERSITE CATHOLIQUE DE LOUVAIN	BE
	8	RBI	RUDER BOSKOVIC INSTITUTE	HR
	9	CNRS	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR
	10	FBK	FONDAZIONE BRUNO KESSLER	IT
	11	ITAINNOVA	INSTITUTO TECNOLOGICO DE ARAGON	ES
	12	UNIWARSAW	UNIWERSYTET WARSZAWSKI	PL
	13	GSI	GSI HELMHOLTZZENTRUM FUR SCHWERIONENFORSCHUNG GMBH	DE
	14	IFIN-HH	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA-HORIA HULUBEI	RO
	15	USE	UNIVERSIDAD DE SEVILLA	ES
	16	IST	INSTITUTO SUPERIOR TECNICO	PT
	17	Atomki	ATOMMAGKUTATO INTEZET	HU
	18	JYU	JYVASKYLAN YLIOPISTO	FI
	19	UU	UPPSALA UNIVERSITET	SE
	20	CEA	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR
	21	KIT	KARLSRUHER INSTITUT FUER TECHNOLOGIE	DE
	22	UMCG	ACADEMISCH ZIEKENHUIS GRONINGEN	NL
	23	INCT	INSTYTUT CHEMII I TECHNIKI JADROWEJ	PL
	24	CSIC	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	ES
	25	UMIL	UNIVERSITA DEGLI STUDI DI MILANO	IT
Associated Partners	26	PSI	PAUL SHCERRER INSTITUT	CH
	27	RIKEN	RIKEN THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH	JP
	28	MSU	MICHIGAN STATE UNIVERSITY	US
	29	TUD	TECHNISCHE UNIVERSITAET DRESDEN	DE
	30	LIP	LABORATORIO DE INSTRUMENTACAO E FISICA EXPERIMENTAL DE PARTICULAS LIP	PT
	31	ENEA	AGENZIA NATIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILLUPPO ECONOMICO SOSTENIBILE	IT
	32	UoB	THE UNIVERSITY OF BIRMINGHAM	UK
	33	UKRI	UNITED KINGDOM RESEARCH AND INNOVATION	UK

EURO-LABS Consortium

Management Team

N. ALAHARI
GANIL

Scientific Coordinator

P. GIACOMELLI
INFN-BO

INFN

Project Office Manager

*The Project Office will be organized by **INFN Bologna** with the collaboration of **CERN***

WP2 – Access for Physics

M. COLONNA
INFN-LNS

Deputy Scientific Coordinator

A. MAJ
IFJ

WP3 – Access for Accelerators

I. EFTHYMIOPOULOS
CERN

Deputy Scientific Coordinator

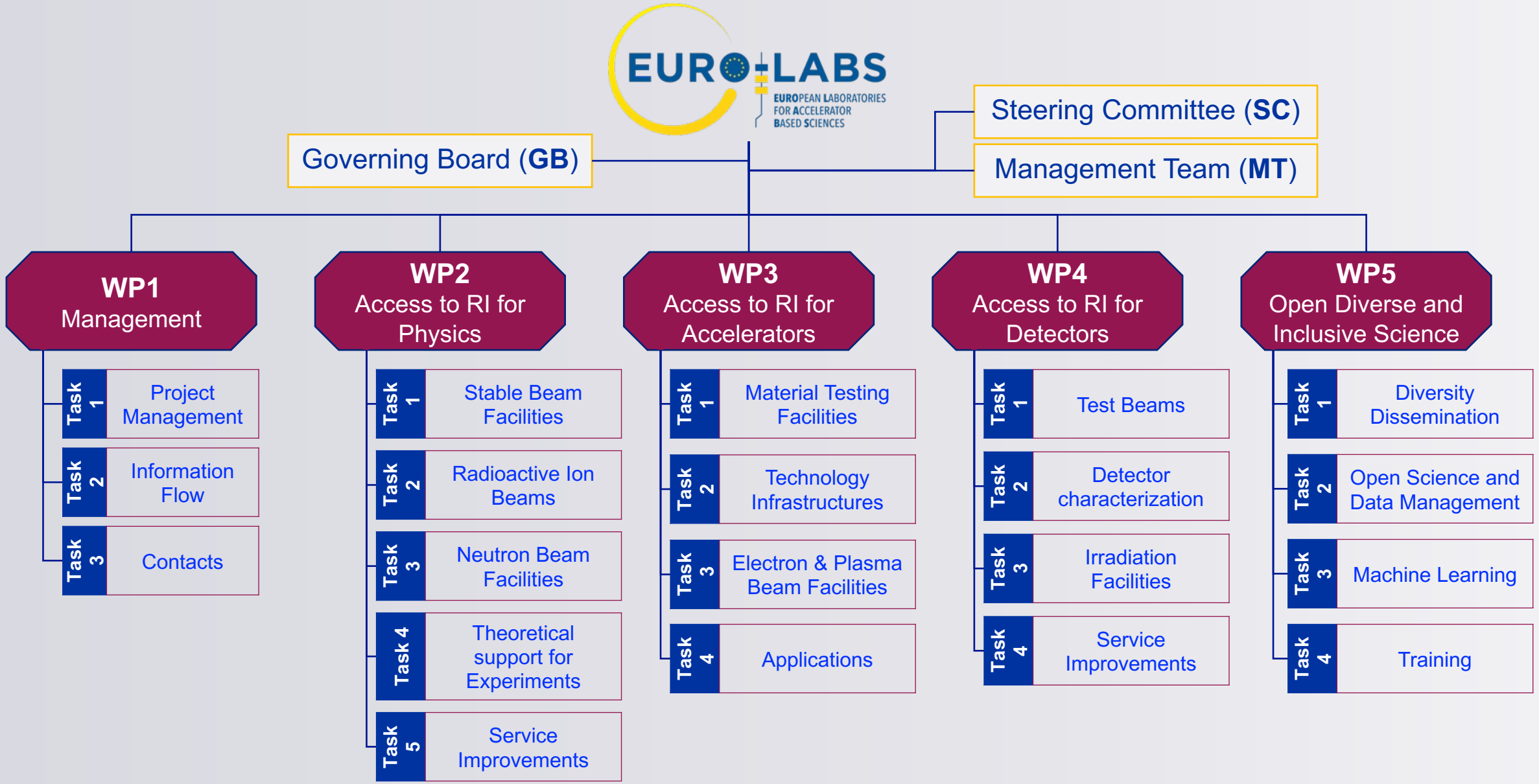
WP4 – Access for Detectors

M. MIKUZ
Univ. Ljubljana

Deputy Scientific Coordinator

WP5 – Open Diverse and Inclusive Science

M-J. GARCIA BORGE
CSIC


EURO-LABS
EUROPEAN LABORATORIES FOR ACCELERATOR BASED SCIENCES
Governing Board (GB)
Steering Committee (SC)
Management Team (MT)
WP1 Management
Task 1 Project Management
Task 2 Information Flow
Task 3 Contacts
WP2 Access to RI for Physics
Task 1 Stable Beam Facilities
Task 2 Radioactive Ion Beams
Task 3 Neutron Beam Facilities
Task 4 Theoretical support for Experiments
Task 5 Service Improvements
WP3 Access to RI for Accelerators
Task 1 Material Testing Facilities
Task 2 Technology Infrastructures
Task 3 Electron & Plasma Beam Facilities
Task 4 Applications
WP4 Access to RI for Detectors
Task 1 Test Beams
Task 2 Detector characterization
Task 3 Irradiation Facilities
Task 4 Service Improvements
WP5 Open Diverse and Inclusive Science
Task 1 Diversity Dissemination
Task 2 Open Science and Data Management
Task 3 Machine Learning
Task 4 Training

WP2
Access to RI for Physics

WP Coordinators: **M. Colonna, A. Maj**

Task 1 Paul Greenless - JYFL	Task 2 Julian Stefan - IJC	Task 3 Albero Mengoni ENEA	Task 4 Gert Aarts - ECT	Task 5 Marko Durante - GSI
Stable Beam Facilities	Radioactive Ion Beams	Neutron Beam Facilities	Theoretical Support for Experiments **(TA & VA)**	Service Improvements
ALTO-CNRS *(Orsay)*	GANIL	nTOF-CERN	ETC* FBK *(Trento)*	*Streamlined procedures & Remote Access*
CLEAR *(Debrecen, Lisbon, Seville)*	GSI	GANIL	Theo4Exp VA *(Krakow, Seville, INFN-Milano)*	*Bio medical*
INFN-LNL,LNS	ISOLDE@CERN	CLEAR *(Seville, Debrecen)*		*Ion source improvements*
GANIL	JYFL	ALTO CNRS		*Target developments*
GSI	INFN-LNL,LNS			*Travelling detectors (γ)*
JYFL *(Jyvaskyla)*	ALTO-CNRS			
NCL *(SLCJ Warsaw, CCB Krakow)*				
IFIN-HH *(Bucharest Romania)*				

WP3
Access to RI for Accelerators

WP Coordinator: **I. Efthymiopoulos**

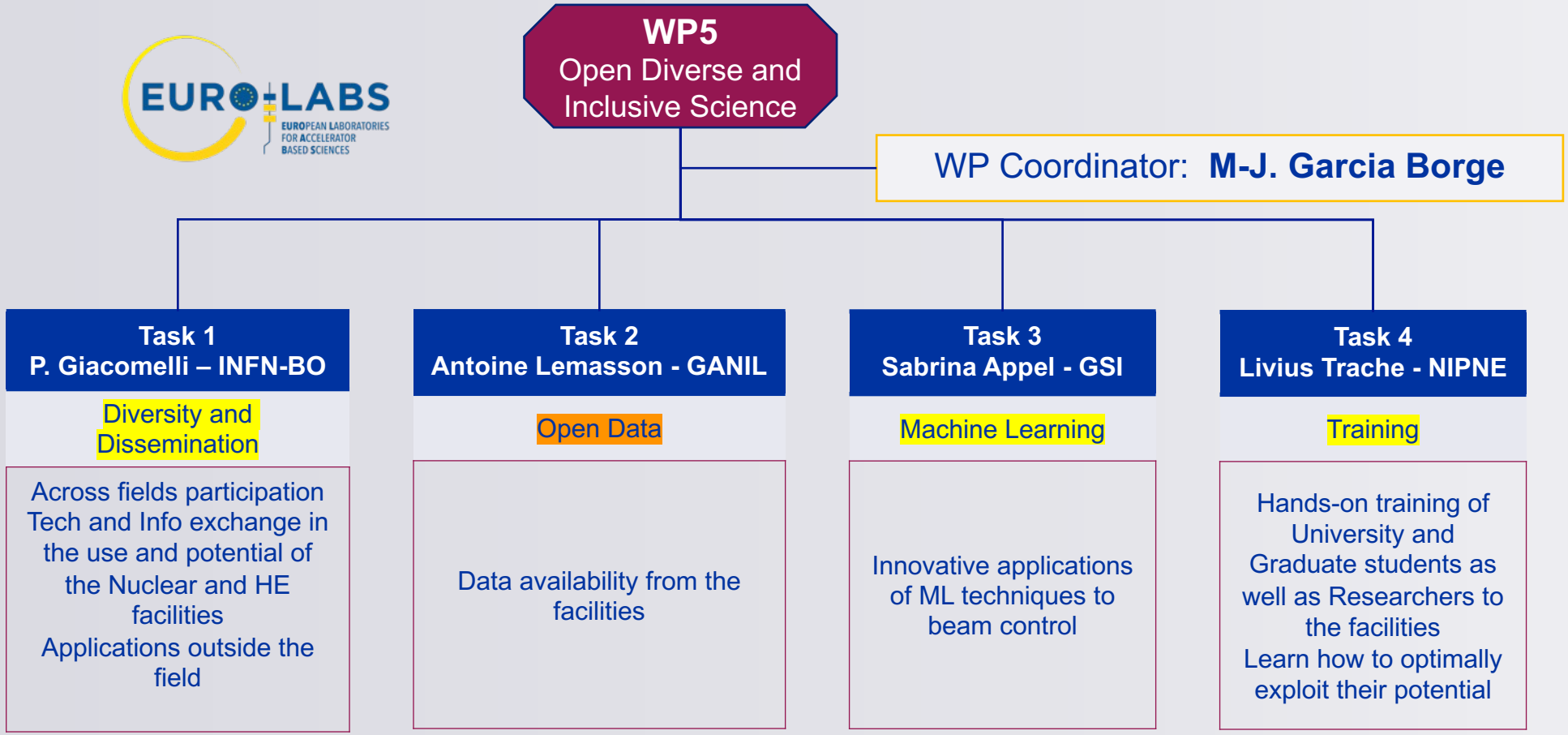
Task 1 N. Charitonidis - CERN	Task 2 Sylvie Leray - CEA	Task 3 Anthony Gleesson - STFC	Task 4 Urszula Gryczka - INTC
Material Testing Facilities	Technology Infrastructures	Electron Beam Facilities	Applications
HiRadMat@SPS(*)	FREIA(*) *(Univ. Uppsala)*	KIT-ALFA (ANKA+FLUTE)(*)	INTC –RAPID *(Warsaw)*
	INFN –LASA (*) *(Milano)*	VELA/CLARA *(Univ. Daresbury)*	CLEAR CERN
	INFN-THOR(*) *(Univ Salerno)*	INFN – BTF Frascati	
	IJCLAB SUPRATECH	INFN – SPARC Frascati	
	CEA Irfu-Synergium(*)	CEA LiDyl LPA-UH100(*)	
	XBOX CERN		

- (*) budget for service improvements assigned

WP4
Access to RI for Detectors

WP Coordinator: **M. Mikuz**

Task 1	Task 2	Task 3	Task 4
Test Beams	Detector R&D and Characterization	Irradiation Facilities	Service Improvements
CERN PS	RBI – AC *(Croatia)*	CERN IRRAD	*Database handling of beam time and irradiation requests*
CERN SPS	ITAINNOVA EMCLab *(Spain)*	CERN GIF++	*Precision motion stages for large detector setups*
DESY DESY-II		JSI TRIGA *(Slovenia)*	*Beam monitor*
PSI PiM1 & UCN		IFJ PAN AIC-144 cyclotron *(Poland)*	*Ion beam focusing lens*
		CRC Univ Louvain *(Belgium)*	*Cooling system and GUI for EMC test station*
		MC40 Cyclotron *(Univ Birmingham – UK)*	*Beam profile monitors*
			Cadmium shielding in the tangential channel
			2-D scanning table for irradiation
			Test chamber for the heavy-ion irradiation facility
			Scanning system upgrade for high-fluence delivery

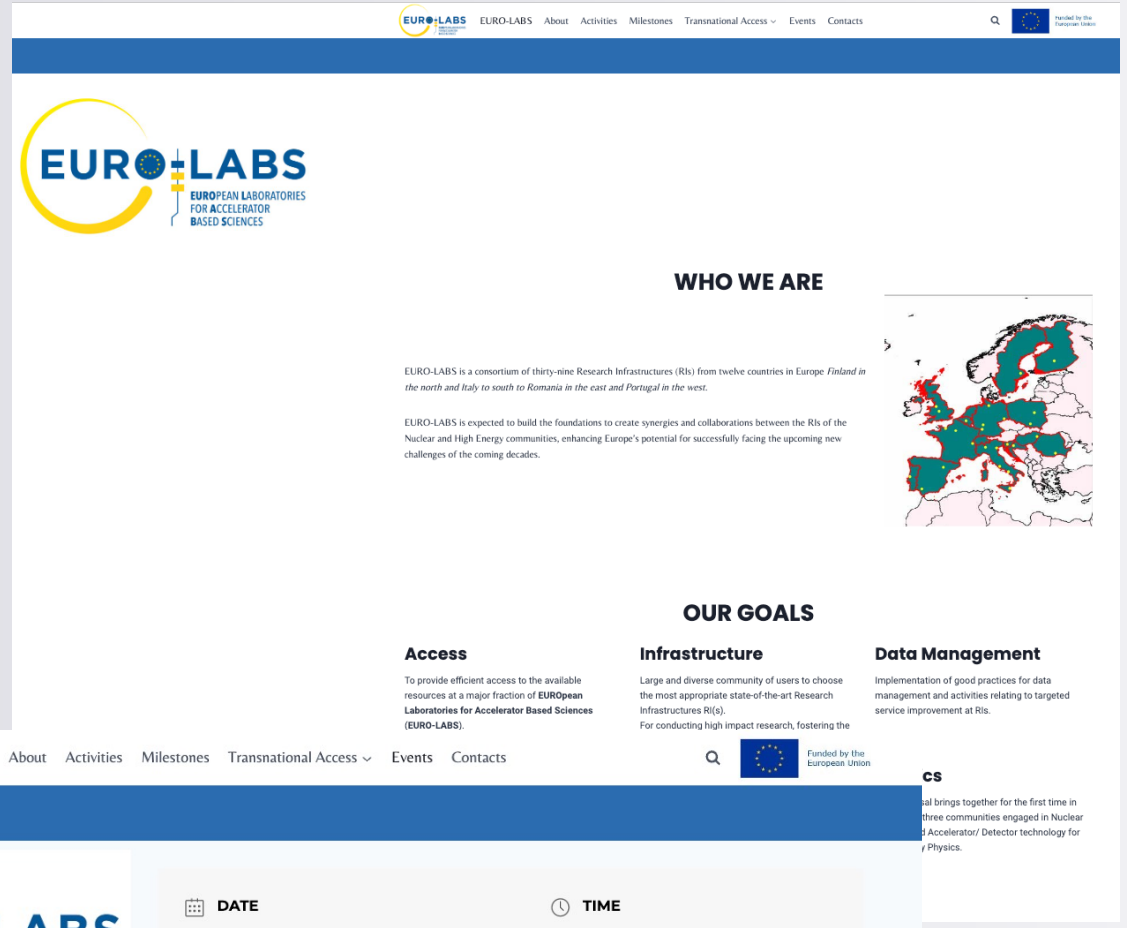

WP5
Open Diverse and Inclusive Science
WP Coordinator: M-J. Garcia Borge
Task 1
P. Giacomelli – INFN-BO
Diversity and Dissemination
Across fields participation
Tech and Info exchange in the use and potential of the Nuclear and HE facilities
Applications outside the field
Task 2
Antoine Lemasson - GANIL
Open Data
Data availability from the facilities
Task 3
Sabrina Appel - GSI
Machine Learning
Innovative applications of ML techniques to beam control
Task 4
Livius Trache - NIPNE
Training
Hands-on training of University and Graduate students as well as Researchers to the facilities
Learn how to optimally exploit their potential

EURO-LABS

Project

Web page : https://web.infn.it/EURO-LABS/

- **Work in progress**
- **Sub-pages per WP with the RIs**
  - Need to provide material and make sure the information in each facility is complete and correct
- **Next event : KOM 3-5/10 @ Bologna**
  - https://agenda.infn.it/event/32088/



EURO-LABS

Kick-Off Meeting – WP3 Contributions

- **Monday PM : WP3 Access to RI for Accelerators *(I. Efthymiopoulos)***
  - General description of the WP, goals within EURO-LABS – new facilities
  - Connection to ongoing Accelerator R%D projects
  - Review past experience, what can be improved now
  - Organization : USP, handling of requests
  - WP3 input to WP5
- **Tuesday AM : WP3 Task Leaders *(N.Charitonidis, S. Leray, A. Gleeson, U. Cryczka)***
  - Presentation of facilities in more detail – technical aspects, specialties
  - Targeted users, potential – possible collaboration/use by other WPs?
  - Handling or requests – organization of reporting to WPL/Project
- **WP3 Meeting Tuesday 17h30 – 18h30**

WP3 – Access to RI for Accelerator R&D

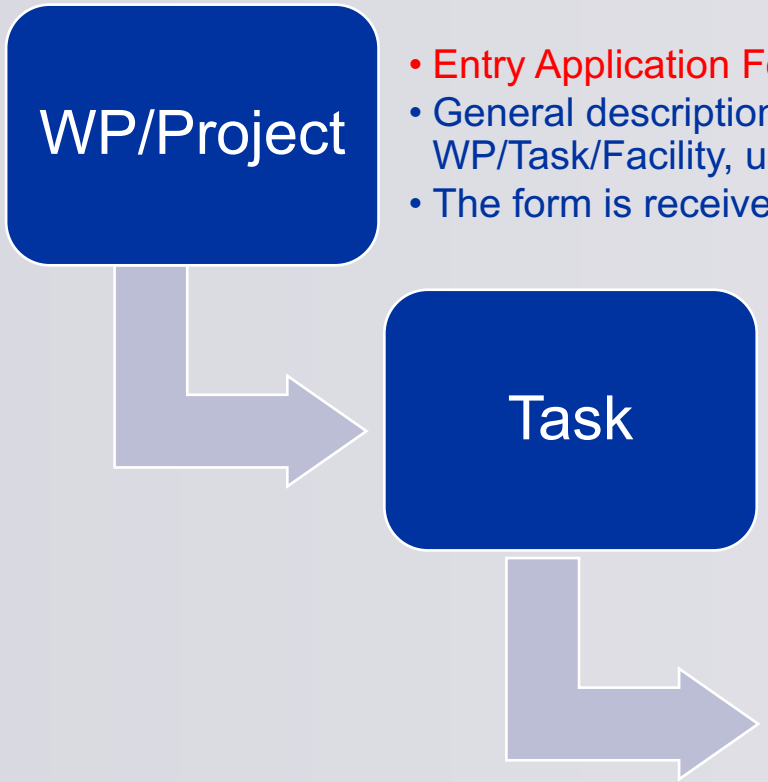
Organization

- **Mailing list : *euro-labs-wp3-fc@cern.ch, euro-labs-wp3-tl@cern.ch***
- **CERNbox space for document storage : *https://cernbox.cern.ch/index.php/s/DIcHuBooLr3Gncx***
  - *A shared space for documents/reports at the project level will be provided by the PO*
- **Issues to discuss – next slides:**
  - Flow of TNA requests:
  - User Selection Panels (USP)
  - TNA forms and applications
  - WP3 organization

Trans-national Access

Access Applications

Forms & Approval Path



- Entry Application Form(EAF) in the Web page (per WP or project?)
- General description of the project: scientific interest, wished WP/Task/Facility, user team, dates
- The form is received by the WP/Task via e-mail

- Review, verify validity of the proposed Facility
- Discuss at the task level – USP
- Assign to FC

Complete EAF with other documents (safety, acess, ...) needed by the Facility → **Final Application Form (FAF)**
Accept request, schedule/funds

Trans-national Access

User Selection Panels

- USP/Task?
- How was done in the past?
- Membership?

Task	Task USP
3.1	Task
3.2	Task/Local
3.3	?
3.4	Local

Common review procedure to be used for user selection:
Each task in WP3 will have a User Selection Panel (USP), established at the beginning of the project. The members of the USP will be the Task Leader (chair), the Facility Coordinators (FC) of each RI, and international experts in the field, independent from the beneficiaries, up to one half of its members. The WP Coordinator will also be member of the USP, and to facilitate communication, avoid duplication of experiments, and direct experiments towards the most appropriate facility, the Task Leaders of the other tasks can attend the meetings as well. The user groups must request access by submitting (in writing) to the EURO-LABS WP3 Task USP a description of the work that they wish to carry out for testing of and the names, nationalities, and home institutions of the users. A web-based application procedure hosted in the EURO-LABS website provides an entry to EURO-LABS TA(or VA) of each RI. Requests are first reviewed by the FC of the corresponding RI that examines if they fit some basic technical criteria to be accepted, and then passed over to the USP for review and evaluation based on scientific excellence. In case of requests with the same scientific merit, priority will be given to new users and users coming from countries where such infrastructure is not available. Willing to

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promote the values of EURO-LABS, the mixed teams from different countries, different universities formed by senior and junior scientists or even with industrial partners would be given priority and stronger recommendations from the USP. Then the ranking of the proposals will be handed over to the Local Selection Committee (LSC) of each RI which will allocate access for each project and user. In case of incompatibility with the technical requirements or with the facility schedule, the LSC will have the right to refuse applications and send them back to the Task USP with recommendations for technical improvements or schedule changes. Typically, requests are handled on a yearly basics or other frequency defined by the USP; urgent requests will be evaluated ad-hoc. In case certain facilities receive an overwhelming number of excellent proposals, the USP may recommend some of the projects to be carried out at another facility.

Trans-national Access

Rules and conditions

Obligations

- The access must be free of charge trans-national access to research infrastructure or installations for selected user-groups.
- This access must include the logistical, technological and scientific support and the specific training that is usually provided to external researchers using the infrastructure.
- The access provider must advertise widely, including on a dedicated website, the access offered.
- The access provider must request written approval from the Commission for the selection of user groups requiring visits to the installation exceeding 3 months.

Selection Procedure

The user groups must be selected by a selection panel set up by the access providers, which:

- must be composed of international experts in the field, at least half of them independent from the beneficiaries.
- must assess all proposals received and recommend a short-list of the user groups that should benefit from access.
- must base its selection on scientific merit, taking into account that priority should be given to user groups composed of users who have not previously used the installation and are working in countries where no equivalent research infrastructure exist.
- will apply the principles of transparency, fairness and impartiality.

Courtesy : M Vretenar/ARIES

Trans-national Access

Financial conditions

Reimbursement of costs

Grants for this type of action may reimburse — for the provision of access activity — the following types of costs:

- 'access costs' (the operating costs of the research installation and costs related to logistical, technological and scientific support for users, including ad-hoc user training and the preparatory and closing activities needed to use the installation). 'Access costs' may be declared as unit costs, actual costs or — under certain conditions — as a combination of the two.
- users' travel and subsistence costs
- costs of advertising the trans-national access offered under the action
- costs related to the selection procedure (e.g. the selection panel members' travel and subsistence costs, logistical costs of meetings, fees, etc.)
- costs of preparing the detailed access activity information that must be included in the periodic technical reports.

Capital investments (i.e. equipment costs for renting, leasing, purchasing depreciable equipment, infrastructure or other assets) will NOT be reimbursed.

Courtesy : M Vretenar/ARIES

Trans-national Access

Evaluation – Measure of success!

Trans-national access must be measured (in 'units of access' as defined in the proposal).

- The unit of access can be set per facility, but we can adopt a common unit: **one hour of beam**.

- The beneficiaries must **keep** appropriate **records** and supporting documentation to justify the number of units of trans-national access for which they declare costs, including:
  - users' names, nationalities and home institutions
  - the nature of access and
  - the number of units of access provided.
  - In addition, they must include detailed information on the provision of access activity in the periodic technical reports.

Users must acknowledge the EU support in their publications, web sites, etc. (standard acknowledgement sentence).

Courtesy : M Vretenar/ARIES

EURO-LABS - Project

Milestones - Deliverables

Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D1.1	EURO-LABS website ready	WP1	1 - INFN	R — Document, report	PU - Public	6
D2.1	Report on Access to Stable Beam Facilities	WP2	18 - JYU	R — Document, report	PU - Public	46
D2.2	Report on Access to Radioactive-ion Beam Facilities	WP2	9 - CNRS	R — Document, report	PU - Public	46
D2.3	Report on the research activities and the main results obtained in each of the RI providing neutron beams	WP2	3 - CERN	R — Document, report	PU - Public	46
D2.4	Report on access to the Theory for Experiments facilities	WP2	10 - FBK	R — Document, report	PU - Public	46
D2.5	Report on the Service Improvements	WP2	13 - GSI	R — Document, report	PU - Public	36
D3.1	Report on the progress of TA for Material Testing RIs	WP3	3 - CERN	R — Document, report	PU - Public	42
D3.2	Report on the progress of TA for Technology Infrastructure RIs	WP3	20 - CEA	R — Document, report	PU - Public	42
D3.3	Report on the progress of TA for Electron and Plasma Beam RIs	WP3	1 - INFN	R — Document, report	PU - Public	42
D3.4	Report on the progress of TA for Application oriented RIs	WP3	23 - INCT	R — Document, report	PU - Public	42

EURO-LABS - Project

Milestones - Deliverables

Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D3.5	Report on the service improvement for material testing RIs	WP3	3 - CERN	R — Document, report	PU - Public	36
D3.6	Report on the service improvements for Technology Infrastructures	WP3	20 - CEA	R — Document, report	PU - Public	36
D3.7	Report on the service improvement for electron and plasma beams	WP3	1 - INFN	R — Document, report	PU - Public	36
D4.1	Report on the usage of Access Units for HEP detector R&D	WP4	4 - JSI	R — Document, report	PU - Public	46
D4.2	Report on the service improvements in WP4.4	WP4	4 - JSI	R — Document, report	PU - Public	46
D4.3	Report on the usage of Access Units for Irradiations	WP4	4 - JSI	R — Document, report	PU - Public	46
D4.4	Report on the service improvements in RI's for Detectors	WP4	4 - JSI	R — Document, report	PU - Public	46
D5.1	All research infrastructures videos completed	WP5	1 - INFN	R — Document, report	PU - Public	18
D5.2	EURO-LABS users' diversity final report	WP5	1 - INFN	R — Document, report	PU - Public	36
D5.3	Release of the first functional version of the Open NP and data access tools	WP5	2 - GANIL	R — Document, report	SEN - Sensitive	36

EURO-LABS - Project

Milestones - Deliverables

Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D5.4	The new toolkit deployed at least two facilities and been used optimization	WP5	2 - GANIL	R — Document, report	PU - Public	24
D5.5	Report on activities after 2 years, including follow-up from participants	WP5	14 - IFIN-HH	R — Document, report	PU - Public	24
D5.6	Final report on Open Science	WP5	24 - CSIC	R — Document, report	PU - Public	46
D5.7	Data Management Plan	WP5	24 - CSIC	OTHER	PU - Public	6
D6.1	OEI - Requirement No. 1	WP6	1 - INFN	ETHICS	SEN - Sensitive	6

EURO-LABS - Project

Milestones - Deliverables

Milestones

Grant Preparation (Milestones screen) — Enter the info.

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
1	Consortium Agreement signed	WP1	1-INFN	Final version released	1
2	Preparation of calls for submission of proposals to stable beam access facilities completed	WP2	5-IFJ PAN	Survey / questionnaire to stable beam access facilities	6
3	All provision of access offered completed	WP2	5-IFJ PAN	Survey / questionnaire to stable beam access facilities.	46
4	Preparation of the call for submission of projects to access each of the RIs providing radioactive-ion beams	WP2	5-IFJ PAN	Survey / questionnaire to radioactive-ion beam access facilities	6
5	a) Completion of all the experiments proposed	WP2	5-IFJ PAN	Survey / questionnaire to radioactive-ion beam access facilities	46
6	Preparation of the call for submission of projects to access each of the RIs providing neutron beams	WP2	5-IFJ PAN	Survey / questionnaire to neutron beam access facilities	6
7	b) Completion of all the experiments proposed	WP2	5-IFJ PAN	Survey / questionnaire to neutron beam access facilities	46
8	Calls for proposals to be hosted at ECT*	WP2	5-IFJ PAN	ECT* web page	18
9	EURO-LABS-related workshops carried out at ECT*	WP2	5-IFJ PAN	Workshop programs at ECT* web page	42
10	Contracted personnel for Theo4Exp VA in place and first codes available for users in the virtual facility	WP2	5-IFJ PAN	Available software validated by the IRP	18
11	All codes installed at Theo4Exp VA	WP2	5-IFJ PAN	All software released and validated by IRP	42

EURO-LABS – Project

Milestones - Deliverables

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
	and interoperability among different nodes established				
12	Completed database containing selected features of remote-access toolkit	WP2	5-IFJ PAN	Database validated and web-interface released	18
13	Production of a report to define the state of the art in the field (targets for NP) and collect the requests from the community	WP2	5-IFJ PAN	Report complete and available	3
14	Reports on FLASH detectors for different facilities	WP2	5-IFJ PAN	Report complete and available	18
15	Conceptual plan for online monitoring of long-term operation beam stability	WP2	5-IFJ PAN	Conceptual plan for online monitoring of long-term operation beam stability	12
16	Organisation of hands-on workshops & training schools	WP2	5-IFJ PAN	Website for training events available	30
17	RIs ready for Tas	WP3	3-CERN	Web pages available, access procedures defined, TAs advertised, and first applications received	6
18	Majority of TAs attributed	WP3	3-CERN	TAs allocated as planned (about 70%)	36
19	Work on service improvements started	WP3	3-CERN	Detailed schedule and budget for the planned SI provided	6
20	Service improvements to RIs implemented	WP3	3-CERN	Planned service improvements installed and in operation for the last year of the project	36
21	a) More than 30% of AU delivered	WP4	4-JSI	AU usage report	24
22	b) More than 30% of AU delivered	WP4	4-JSI	AU usage report	24
23	c) More than 30% of AU delivered	WP4	4-JSI	AU usage report	24
24	Development and test of the first prototype of the system	WP4	4-JSI	Report on prototype functionality	12

EURO-LABS - Project

Milestones - Delive

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
25	Prototype and software ready for lab tests	WP4	4-JSI	Documentation on software and prototype	14
26	Electrostatic Microprobe Quadrupole Quadruplet Lens Assembly installed and tested	WP4	4-JSI	Installation report	16
27	Cooling system developed	WP4	4-JSI	Documentation on cooling system	18
28	Upgrade BPM DAQ	WP4	4-JSI	Demonstration of BPM DAQ	12
29	ML-based classification and evaluation of the beam profile patterns	WP4	4-JSI	Report on ML classification results	24
30	Design of the shielding system including safety related aspects	WP4	4-JSI	Design and safety documentation	14
31	Design of the XY table and purchase of materials and equipment for the device	WP4	4-JSI	Design documentation	18
32	Design and commissioning of the beam line (vacuum and test chamber)	WP4	4-JSI	Report on design and commissioning	12
33	Mechanics of the setup adapted to fit into the experimental area	WP4	4-JSI	Design documentation	24
34	One third of the research infrastructures videos ready	WP5	24-CSIC	Videos edited	12
35	Definition of the catalogue perimeter, architecture, and standards. Release of terms of reference	WP5	24-CSIC	Database validated and web-interface released	12
36	Identification of existing solutions in the EOSC ecosystem and integration of the Nuclear Physics Ecosystem	WP5	24-CSIC	Remote-access tools 'up and running' at user facilities	36
37	The source code of the ML toolkit prototype is available on a shared platform	WP5	24-CSIC	ML toolkit finished	8
38	Selection of the Training Scientific Board	WP5	24-CSIC	Training Scientific Board defined	6

WP3 – Access to RI for Accelerator R&D

Organization

Facility

- Implementation of TNA
  - Local USP
  - User support
- Implementation of Service Improvements
- Budget follow-up
- Report on TNA status/usage

Task

- Task activities
- Follow-up of TNA & Service Improvements
- User Selection Panel
- Deliverables
- Meetings with FC
- Report to WP

WP

- Follow-up of all tasks
- TL Meetings (/6w)
- WP Meetings (/6m)
- Report/communication with the other WPs and Project Management

EUROPEAN LABORATORIES FOR ACCELERATOR BASED SCIENCES

September 1st, 2022