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EURO-LABS

EUROpean Laboratories for Accelerator Based Science

HORIZON-INFRA-2021-SERV-01-07 Project EURO-LABS

MILESTONE REPORT

PRODUCTION OF RESEARCH INFRASTRUCTURES VIDEOS (ONE THIRD READY)

MILESTONE: MS34

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Abstract:

This document reports on the production of short videos to present the Research Infrastructures involved in the EURO-LABS project to attract interested users. To date one third of the videos have been produced.

For more information on EURO-LABS, its partners and contributors please see https://web.infn.it/EURO-LABS/

The EUROpean Laboratories for Accelerator Based Science (EURO-LABS) project has received funding from the European Union's Horizon Europe programme dedicated to Research Infrastructure (RI) services advancing frontier knowledge under Grant Agreement no. 101057511. EURO-LABS began in September 2022 and will run for 4 years.

Delivery Slip

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EXECUTIVE SUMMARY

Among one of the activities planned in the WP 5, the production of short videos of the Research Infrastructures is very important to publicize the activities and the Transnational and Virtual Access opportunities offered by the project.

The target among others, is mainly young researchers interested in accessing installations for the first time and to carry out of experiments and increases their skills by experimenting.

A survey of existing video material and locally available skills were made into a workplan.

Two visits by the INFN Multimedia group were made in France and Germany for filming in different facilities. This was preceded by several meetings with partners and associated partners to establish an effective cooperation.

To date the INFN Multimedia Group has produced 14 videos, combining already-existing footage (suitably updated and made compatible) from installations with new, original ones.

The videos have been published on the EURO-LABS website (https://web.infn.it/EURO-LABS/) and also at the INFN Multimedia official repository and they will also be used by the other EURO-LABS partners and included on their websites.

The videos are available in the EURO-LABS website, Transnational Access website pages (left menu – Infrastructure Videos):

https://web.infn.it/EURO-LABS/wp2-ta/

https://web.infn.it/EURO-LABS/wp3-ta/

https://web.infn.it/EURO-LABS/wp4-ta/

1. INTRODUCTION

The core activity of the EURO-LABS project is to support Transnational and Virtual Access to a network of Research Infrastructures in the fields of Nuclear Physics and of accelerator and detector technology for High Energy Physics. The three research communities often work with different Research Infrastructures.

Communication and dissemination of exchange opportunities are therefore strategic to increase the usage of the facilities by a larger number of researchers, with an emphasis on young researchers.
The project's dissemination and inclusion activities contemplate the production of short video presentations of the RIs involved in the project.
Some existing material is reused, updating and adapting it to the characteristics of EURO-LABS.

2. STRATEGY

2.1. OBJECTIVE AND TARGET

A brief analysis of objectives and features of the videos, needed to make them effective and attractive to users was carried out before starting the script and workplan design phase. This is shown in Table 1.

Table: 1: Work plan for the dissemination of information

Target groups	Information needs	Channels/platforms	Outcome
Project participants, Steering committee, Management Team	Description of the facility: Type of beam/services offered by Facilities, access support, opportunities to collaborate	Project Website, partners/facilities websites	Visibility of each facility activities, project results, increasing cooperation, improving diversity
Users, Researchers, Nuclear Physics-Accelerators-Detectors scientific and technical communities	Description of the facility: Type of beam/services offered by Facilities, Transnational Access support, opportunities to collaborate	Project Website, partners/facilities websites	Transnational Access opportunities, knowledge sharing, improved collaborations
Young researchers	Training, learning by experimenting and job opportunities	Project Website, Research Institutional channels	Training, attracting young generations to science careers
Public	Curiosity, societal impact	Project Website, facilities presentation videos	Support and conveying the importance for/of research, attracting young generations to science careers

2.2. CHARACTERISTIC AND USAGE OF THE VIDEOS

The videos give an overview of the Research Infrastructures offering Transnational Access in the EURO-LABS project framework.

They are 4-5 minutes long and are available on the EURO-LABS website, in the Transnational Access section, left menu - Infrastructure Videos:

https://web.infn.it/EURO-LABS/wp2-ta/

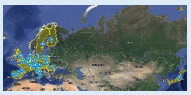
https://web.infn.it/EURO-LABS/wp3-ta/

https://web.infn.it/EURO-LABS/wp4-ta/

These have been produced by the INFN Multimedia Group in cooperation with the Scientific Coordinators of the facilities and/or with the partners' media groups. A few existing video materials are reused when possible, ensuring consistency of messages with the project and a certain uniformity.

The real voice is used in some parts of the videos (such as the self-presentation of the Facility Coordinator or staff members), while in others an artificial voice reads a text written by the Facility Coordinator according to a detailed script (see Table 2 below).

Table 2: Script for the videos

EURO-LABS Transnational Access - Facility Videos storyboard and Script (4-5min.video)			
	Video	**Sound**	**Description**
Introduction (common part)	**EURO-LABS Logo + Horizon Europe Logo**	*The EURO-LABS project offers trasnational access to more than 40 european RIs* [synthetic voice + background music] - 6 sec	Show EURO-LABS Logo + Horizon Europe Logo
	EURO-LABS Network Map	*and brings together 3 scientific communities of Nuclear Physics, Accelerators and Detectors* . [synthetic voice + Background music]- 5 sec	EURO-LABS network map (courtesy google maps  Map showing all the parties involved in the project (offering TA or doing other activities in the project)
	animated Network Map	*The TA activity supports users and research groups to carry out experiments and tests at the facilities* . [synthetic voice +Background music] - 9 sec	Animated map (zooming on the facility provider location)
presentation of the facility	**facility images**	*One of them is the [type of facility] Facility at the [institute provider name] in [country]* . [synthetic voice+Background music] - 8 sec	23-'30 : external view(s) of the facility
	Facility coordinator self presentation	Coordinator introducing himself: name, position, institute, location. (real voice) - 5 sec.	Meeting the coordinator at the office or inside lab facilities
	Entering facility. Images from the institute and the facility. The camera shows relevant images from inside. If possibile, camera shows scientist working.	Description of the facility: type, what it consists of, what it is used for. What it provides; equipment; extension of applications and/or improvements in recent years; [synthetic voice+Background music] - (min 84 sec - max 97 sec)	Entering the facility, showing the beams etc available for users under EURO-LABS.
	Images going deeper into parts of the facility (focus on the parts related to what researchers could use	Text describing what the facility can provide to users: what users can find / do at the facility, how many days they could spend at the Facility, which technical support they will receive, etc. What other services the Facility or Institution offers as tools, software, etc. The [facility name] administration will support travel, accomodation, and reimbursement for the users, in accordance to EURO-LABS terms and conditions. [synthetic voice] (min 82sec., max 97 sec)	what users can find / do at the facility
link to EURO-LABS website	white screen image, to apply visit the project site produced by... credits... etc etc	voice reading the slide (to apply.... [synthetic voice+Background music] - 10 sec	

3. TIMELINE AND WORKPLAN

Original project's deadlines:

- Month 12: MS34 - one third (14) of the videos ready by August 31st
- Month 18: D5.1 all the videos (43) by the end of February 2024.

The project involves 43 facilities in 15 countries offering Transnational Access. The increase on travel costs may cause the effort to make all the videos to be more expensive than expected. It was therefore decided to carry out a survey of the existing video materials and video making capabilities to assess the effort required by the INFN Multimedia Group.

3.1. EXISTING RESOURCES

To make the work-plan more efficient, a survey was made asking all the Facility Coordinators about:

- existing reusable video material
- ability to shoot some video footages, with the INFN Multimedia Group support
- when the INFN multimedia Group could make an on-site visit to film the installation

The results of the survey are shown in the table below:

Summary of the survey results:

RIs with existing reusable video material	RIs with video making capacity	RIs needing on-site visits
14	7	22

3.2. STATUS AT THE DEADLINE

The MS34 has been achieved: to date 14 videos (9 from existing material and 5 from footages taken during the visits to France in July) are ready. The list is given below.

Table 3: videos ready by date

No.	WP	country	PROVIDER	FACILITY	STATUS	date
1	WP4	Croatia	08-RBI	RBI-AF	ready	19/06/2023
2	WP4	Slovenia	04-JSI	TRIGA Reactor	ready	19/06/2023
3	WP4	Germany	06-DESY	DESY-II	ready	19/06/2023
4	WP4	Spain	11-ITAINNOVA	EMClab	ready	19/06/2023
5	WP4	CH/INT	03-CERN	IRRAD	ready	19/06/2023
6	WP4	CH/INT	03-CERN	GIF++	ready	19/06/2023
7	WP4	CH/INT	03-CERN	PS&SPS	ready	19/06/2023
8	WP4	Belgium	07-UCLouvain	CRC	ready	19/06/2023
9	WP2	Italy	01-INFN	LNL-NSDBF	ready	19/06/2023
10	WP2	France	02-GANIL	SPIRAL2	ready	31/08/2023

11	WP3	France	20-CEA	IRFU-Synergium - MACHAFILM CRYOMECH	ready (sent to Facility Coordinator for approval)	31/08/2023
12	WP3	France	20-CEA / LIDYL	LIDYL/LPA-UHI100	ready (sent to Facility Coordinator for approval)	31/08/2023
13	WP3	France	09-CNRS	IJCLab - SUPRATECH	ready	31/08/2023
14	WP2	France	09-CNRS IJC lab	ALTO	ready (sent to Facility Coordinator for approval)	31/08/2023

Filming Visits of the INFN Multimedia Group:
July 3-7: France (GANIL, CNRS, CEA – 5 installations)
July 10-13: Germany (KIT, GSI – 3 installations)

A meeting was organised with the CERN-Education, Communications and Outreach group (ECO) to plan for the production of further 5 CERN facilities videos.

3.3. FUTURE PLAN

As mentioned above, the effort to produce videos of all the facilities is greater than expected. Certainly, INFN and project partners will make every effort to achieve the deliverable D5.1.

The actions planned in 2023 are:

- End of September 2023: 3 videos ready from visits to Germany (GSI/FAIR, KIT/KARA, FLUTE)
- End of September 2023: contacts with IFIN-HH/TANDEM, USE/CLEAR, ATOMKI/CLEAR, JYFL-ACCLAB, to gather their existing video material.
- 10-13 October 2023: visits by the INFN Multimedia Group to Poland. 4 Videos ready by the end of the year (IFJ-PAN/NLC-CCB, AIC-144, UNIWARSAW/NLC_SLCJ, INCT/RAPID).
- 9-11 October: meetings with IST/CLEAR, PSI/ UCN,PiM, UKRI/VELA/KLARA
- October 2023: 5 CERN facilities ready, in cooperation with multimedia CERN-ECO group (HiRadMat, N_TOF, ISOLDE, XBOX, CLEAR)
- December 2023: 4 INFN videos ready by the end of the year (BTF, SPARCLAB, LASA, THOR); LNS/AIPF is in standby (RI under renovation).

Work Plan 2024:

- By February 29th: 4 videos ready (IFIN-HH/TANDEM, USE/CLEAR, ATOMKI/CLEAR, JYFL-ACCLAB)
- assessment feasibility for PSI, Univ. Birmingham, UKRI, Univ. Uppsala visits for filming the videos.

Hardly all the videos will be completed by the scheduled date (D5.1, All research infrastructures videos completed). By the deliverable 5.1 deadline (February 29th, 2024) we expect to have all the material. We will make every effort to be as close as possible to the final outcome, but it will probably take longer to achieve this outcome. An evaluation will be made in December 2023 and if needed a delay of the D5.1 due date will be requested.