European Doctorate in Indium Phosphide PIC Fabrication Technology

Deliverable D7.5

Public dissemination of project results after protection

Lead Beneficiary	UNIVERSITY OF VIGO
Delivery date	2022-12-21
Dissemination	Public
Status	Approved
Version	1.0
Keywords	Dissemination and Communications, Website, Events

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Marie Skłodowska-Curie grant agreement No 813467

Document Information

Grant Agreement Number	813467
Project Acronym	EDIFY
Work Package	WP 7
Deliverable	D7.5
Title	Public Dissemination of project results after protection
Author(s)	Francisco Javier Diaz Otero
File Name	EDIFY_D7.5_Public Dissemination Project Results_20221221_v1.0.docx

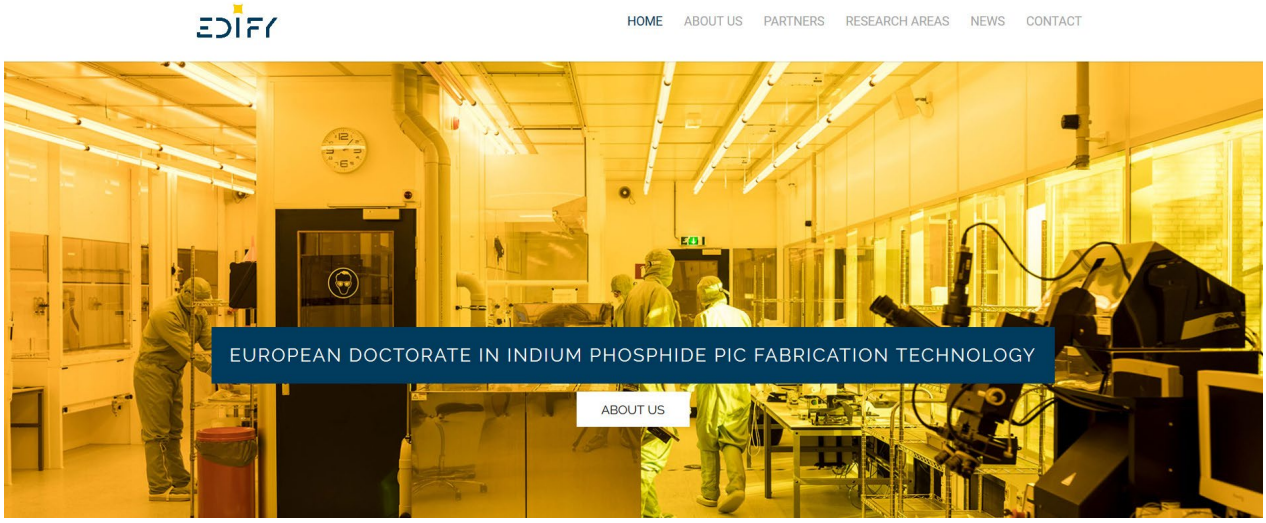
Abstract

This document contains details on the dissemination plan and review of activities done in the last months of the Project EDIFY and after the end of the timeline too, in accordance with the guidelines on Exploitation and Dissemination of Results in Horizon 2020.

Keywords: Dissemination and Communications, Website, Events

Change Record

Revision	Date	Description	Reviewer
0.1	01-10-2022	Outline proposal	Francisco J. Diaz Otero
0.5	15-12-2022	Partial contents developed	WP7 partners
0.7	20-12-2022	Version for peer review	Anxo Moreira (UVIGO)
0.9	21-12-2022	Reviewed	Steven Grijseels (SP)
1.0	09-01-2023	Final deliverable for the EC	EC


EDIFY
HOME
ABOUT US
PARTNERS
RESEARCH AREAS
NEWS
CONTACT
EUROPEAN DOCTORATE IN INDIUM PHOSPHIDE PIC FABRICATION TECHNOLOGY
ABOUT US


EDIFY

TABLE OF CONTENTS

1. INTRODUCTION

The ultimate success of EDIFY project finally depended on well-coordinated dissemination and exploitation activities. Therefore, the beneficiaries and partners of the EDIFY project decided to include a specific work package that also included exploitation activities for this purpose: WP7. Special focus has been on disseminating project findings to the Integrated Photonics sector, which will be the main beneficiary of the novel technologies, data and knowledge obtained as outcomes of the project.

As a final dissemination action of the project, EDIFY partners are being involved in a series of activities communicating project results. The **target groups** for these outcomes cover the whole integrated photonics´ ecosystem and potential users of results. Moreover, the partners will undertake several initiatives focused on broader communication and outreach to the **general public**. Between them, **high-schools** as focus of potential future researchers; **citizens** in a broad sense, as future users of the technology; **policy makers** and different application sectors.

These activities include website news and a series of events (radio, tv and newspapers) and a final series of videos intended for high-school students. Concerning the integrated photonics sector, there will be a panel session in the next Jeppix Winter School (Oct/Nov 2023, https://www.jeppix.eu/knowledge/training/pic-design-course-2023/) and in the IEEE Photonics Benelux Annual Symposium (Oct 2023) explaining both the results in each technical work package and the benefits of the MSCA Action to train specialized researchers in this topic. There will be a specific action along 2023 in one of the IEEE Education Society sponsored conferences (https://ieee-edusociety.org/conferences/financially-sponsored-conferences) explaining the educational program and the benefits of the MSCA actions for engineering.

The programs for both activities have not yet been published on the respective websites as there are still several months to go before the start of the activity. Once the dates are known, they will be made public on the EDIFY website

This document first describes the main events and activities communicating and disseminating outcomes of EDIFY: technical Work Packages, patents, outreach.

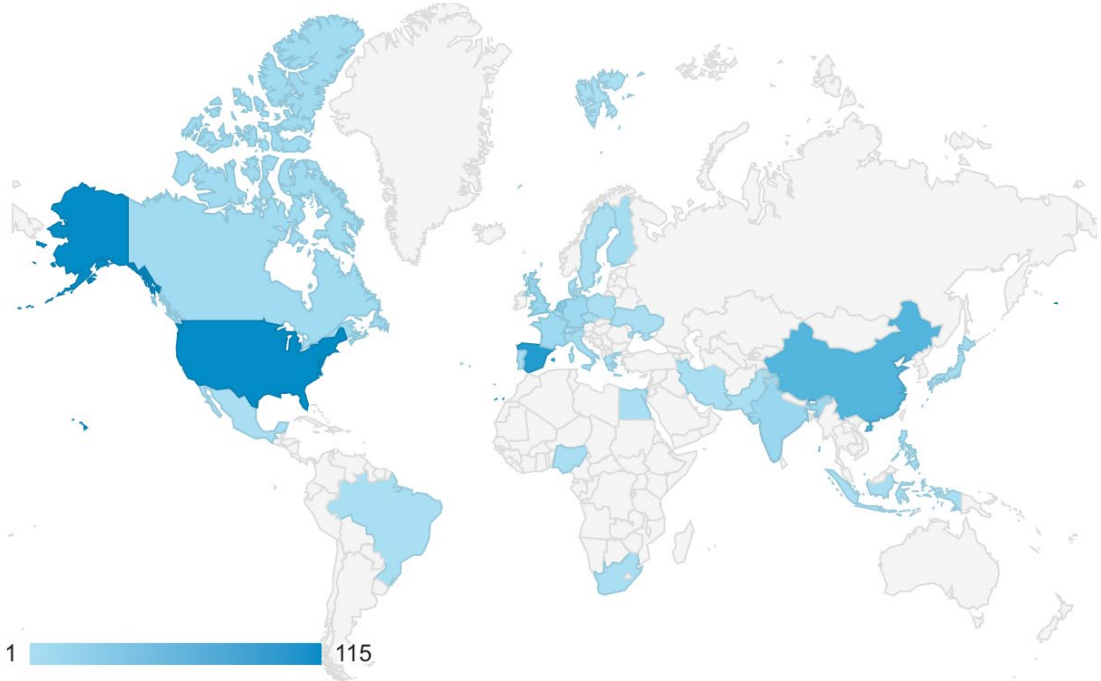
1.1 DISSEMINATION OF PROJECT RESULTS

In the project website a video describing EDIFY and the main applications of integrated photonics has been uploaded. The information is updated with material in order to reflect the project progress and results after its implementation. Samples of the website can be found below, as well as Google Analytics statistics. A list of events where the results of EDIFY have been explained is also shown below.

THE PROJECT

Photonic integration is emerging as a new standard for providing cost effective and high-performance miniaturized optical systems enables system designers and manufacturers to combine various optical devices into a single package, thereby offering significant by the demand for higher data volumes and speeds by the very competitive fields using information and Technology (IT) emerging at an excepcional rate. However, full exploitation of PIC based techonologies still present formidable challenges, in the sector is facing an increased need of well-trained multidisciplinary scientist with specific and technical skills with are needed to tackle the development of high performing in PICs.

ABOUT US



País	Adquisición		
	Usuarios	Usuarios nuevos	Sesiones
	385 % del total: 100,00 % (385)	385 % del total: 100,00 % (385)	489 % del total: 100,00 % (489)
1. United States	**115** (29,79 %)	115 (29,87 %)	115 (23,52 %)
2. Spain	**94** (24,35 %)	94 (24,42 %)	178 (36,40 %)
3. China	**60** (15,54 %)	60 (15,58 %)	60 (12,27 %)
4. Netherlands	**22** (5,70 %)	22 (5,71 %)	36 (7,36 %)
5. United Kingdom	**14** (3,63 %)	14 (3,64 %)	15 (3,07 %)
6. India	**12** (3,11 %)	12 (3,12 %)	12 (2,45 %)
7. Germany	**10** (2,59 %)	10 (2,60 %)	10 (2,04 %)
8. France	**9** (2,33 %)	9 (2,34 %)	9 (1,84 %)
9. Canada	**7** (1,81 %)	7 (1,82 %)	7 (1,43 %)
10. Japan	**5** (1,30 %)	5 (1,30 %)	5 (1,02 %)

- *September 2022. TV*
  http://www.crtvg.es/tvg/a-carta/telexornal-mediodia-5825994?t=2521
  Presentation of the BP of the R&D III-V semiconductor foundry, as explained in D29-EDIFY Business Plan
  Minute 42

- *September 2022. TV*
  https://www.rtve.es/play/videos/telexornal-galicia/segunda-edicion-27-09-2022/6701260/
  Presentation of the BP of the R&D III-V semiconductor foundry, as explained in D29-EDIFY Business Plan
  Minute 7:50

- *September 2022. News*
  https://www.gciencia.com/ciencia-zona-franca/microfotonica-unha-revolucion-con-luz-propia/
  Dissemination video. Explanation about InP PICs, applications, European projects and the R&D III-V semiconductor foundry, as explained in D29-EDIFY Business Plan

- *November 2022. TV*
  https://www.youtube.com/watch?v=TKnvfoYOMXk
  Explanation about the R&D III-V foundry

- *November 2022. Video- general audience-high schools*
  https://www.youtube.com/watch?v=WoFURatOhQg

- *December 2022. Info Day.* AEPHOS (Photonics Technology Center Association) to explain results to ESA officers (European Space Agency) and CDTI. Annex I.

Due to COVID pandemic, PICs fabricated with results from each WP for ESRs arrived from June to September 2022. Due to this reason, articles and conference presentations are now being available and ESRs are preparing preprints that will be submitted during next months.

Likewise, dissemination and communication of these results will be transferred to general audience and specialized sectors both in news/media and industry clusters along 2023.