



H2020-FETOPEN-2019-01

FET-Open Challenging Current Thinking

POSEIDON

NanoPhOtonic devices applying Self-assembled colloIDs for novel ON-chip light

Starting date of the project: 01/01/2020

Duration: 48 months

= Deliverable D6.5 =

Mid-term Report on Dissemination

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Dissemination level		
PU	Public	X
CO	Confidential, only for members of the consortium (including the Commission Services)	
CI	Classified, information as referred to in Commission Decision 2001/844/EC	



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Executive Summary

The timely and effective dissemination of results is an essential part of every research project. This ensures that the gained knowledge or exploitable foreground can benefit the whole society, and that any duplication of research and development activities is avoided.

This Mid-term Report on Dissemination is an update to the first version which was created in the first months of the project. It also serves as a guideline for the partners of the POSEIDON project. The strategy has slightly changed due to the coronavirus pandemic, which has stopped or severely limited all physical dissemination activities. All such activities needed to shift to the online domain, which made it necessary to adapt strategy and the approach of the project.

This document describes the target audiences and tools that will be used to reach them in order to meet the goals of the dissemination strategy. The document also describes the internal procedures that will make up the framework in which the project's dissemination and communication efforts are undertaken. All of these topics are specified in order to make sure that the expected impact of the project's dissemination activities are achieved with the aim of supporting project exploitation and attracting and involving stakeholders through communication activities. The following strategy will be updated one more time in M48.

The dissemination activities of the whole consortium are being closely monitored, coordinated and recorded in the "POSEIDON dissemination recording" excel file. Information regarding dissemination is also being included in the periodic reports. The current state of this file is attached as Annex 1 of this document.

It is vital that the communication and dissemination of the project's achievements should never jeopardise protected intellectual property (e.g. patent, product design) or further industrial application. In order to address this, before any dissemination activity (e.g. publication, presentation, etc.), strict rules of prior notice to all partners apply according to EC guidelines and the POSEIDON Consortium Agreement. Partners have the opportunity to refuse dissemination of their own know-how (background or results) by others when it could potentially harm their interests.

Table of contents

Executive Summary.....	3
1. Introduction	5
2. Dissemination and Communication strategy and plan	6
2.1. Guidelines for Partners	7
2.2. Timeline.....	8
2.3. Target audience.....	9
3. Dissemination material that has been prepared	9
3.1. Project logo.....	9
3.2. Webpage	10
3.3. Project fact sheet, press release	11
3.4. Template for Presentation at conferences, symposia, meetings	12
3.5. Roll up	14
3.6. Social Media.....	14
3.7. Technology news servers.....	14
4. Publication of POSEIDON results.....	14
4.1. Presentation of conferences, symposia, meetings.....	14
4.2. Scientific articles in relevant journals and periodicals	14
4.3. Press and media	15
5. Conclusions	15
6. Degree of Progress.....	16
7. Dissemination Level	16
8. Annex.....	16
8.1. Dissemination recording file.....	16

1. Introduction

Deliverable 6.5 ‘Mid-term Report on Dissemination’ is part of the task 6.1 Communication materials. The task states that partners will define a working document outlining the dissemination strategy (definition of internal procedures, target audience, and timelines) and communication strategy (means, methods and tools used to approach the defined target audience during the life of the project). The Dissemination activities and plan will be updated periodically through the “POSEIDON recording dissemination” excel file.

The dissemination strategy has the objective to outline the main elements and strategic choices regarding the dissemination activities of the POSEIDON project towards the most important stakeholder groups. The document will enable the project team to properly plan and implement all required dissemination activities in order to achieve the identified main objectives: implement communication activities targeted to different stakeholders, produce publicity materials for project outputs and involve the scientific community throughout all phases of the project. Key initiatives for the plan include actively participating in conferences, workshops, trade-shows to foster relationships with other framework projects and initiatives (clustering activities).

2. Dissemination and Communication strategy and plan

In relation to the external communication, it has to be mentioned that the dissemination of the project's achievements should never jeopardize the potential protection of generated intellectual property (e.g. patent, product design) and further industrial application. Therefore, before any dissemination activity (publication, presentation) strict rules of prior notice to all partners will be applied, according to EC guidelines. Partners will have the possibility to refuse dissemination of their own know-how (background or results) when it could potentially harm the partner's interests. The Project Coordinator in cooperation with the Project Manager will follow the described approval processes and will act as an internal executive approval body for any dissemination action organized by different partners.

All project outcomes will acknowledge the support of the European Commission as it is requested by the Article 29 (Dissemination of Results, Open Access, Visibility of EU Funding) and Article 38 (Promoting the Action, Visibility of EU Funding) of the H2020 MGA. Unless it goes against their legitimate interests, each beneficiary must disseminate its results by disclosing them to the public by appropriate means, including in scientific publications. This does not change the obligation to protect results in Article 27, the confidentiality obligations in Article 36, the security obligations in Article 37 or the obligations to protect personal data in Article 39, all of which still apply. The proper dissemination details (e.g. time schedule for prior notice and partner's approval) is covered by the signed Consortium Agreement.

Prior notice of any planned publication should be given to other consortium members at least 45 calendar days before the publication. Any objection to the planned publication shall be made in accordance with the Grant Agreement in writing to the Coordinator and to the consortium member proposing the dissemination within 30 calendar days after receipt of the notice. If no objection is made within the time limit, the publication is permitted (Figure 1).

The following information will be always mentioned in the publication: "This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 861950, project POSEIDON".



Figure 1: Information and timeline of intention of publication

The above stated procedures ensure that all dissemination material is quality assured through checking:

- messages to be transmitted outside of the consortium, including the suitability of the messages for the people addressed, the stress on the benefits and the relevance for the industry (when applicable);
- technical contents control in order to ensure the quality of achieved scientific and research objectives of project brochures;
- that scientific papers and publications contain sufficient reference to the project; and
- layout quality and suitability to the standard

2.1. Guidelines for Partners

The European Commission is encouraging the Dissemination Leaders to record, track, monitor, coordinate and report all the project Dissemination activities (publications, participation to events, contributions to press and media) with dedicated Deliverables and sessions inside the Periodic Reports. **An Excel file was prepared in order to track each partner's contribution, prepare a complete list of possible future actions and monitor/assess each dissemination activity.** This file, created at the very beginning of the project, is composed of three different sheets:

- Scientific publications (Figure 2);
- Events (Figure 3);
- Press & Media (Figure 4)

The tables include information about each dissemination activity performed within the project (type and title, URL and references, targeted public and participants, date, location, POSEIDON partner responsible for such Dissemination, visibility level, etc.) and associated methods (attendance, abstract submission, poster show, distribution of materials like fact sheet, newsletter, etc., oral presentations, DEMO/video show, stand/booth, press releases, post in social media, interviews and videos, etc.). It is distributed amongst the Consortium members and updated internally each 6 months during the whole POSEIDON project duration. This updated information was included in the official Periodic report towards the EC in M12 and it will be included in M30 and M48. The latest version of this file which records all the dissemination activities up until M24 of the project can be found in Annex 1 of this deliverable.

The following guidelines were provided to the partners as procedures for disseminating POSEIDON (i.e. submit a peer reviewed article, attend a conference, have a booth at a Trade Fair, publish press releases, post online information about the project, communicate with media, etc.):

- Send an email to the Dissemination Leader and to the other involved partners (i.e. coordinator and co-authors for publications) with basic information about the planned dissemination activities, respecting the clauses of prior to notice, approval and acknowledgement.
- The Dissemination Leader will update the Excel file that will be made available for partners on the OwnCloud server. Co-authorships in scientific publications are encouraged and possible joint participation of different POSEIDON partners at the same event will be coordinated by the Dissemination Leader.
- Once the article is published/ the conference or exhibition is closed/ the link to media channels is available, send to the Dissemination Leader by email some additional information for repository and update of the Excel.
- One month before the 6M internal report, the "POSEIDON recording dissemination" Excel file will be circulated by email amongst the project partners for a double check and updates.

The benefits of having periodic recording of the project Dissemination activities it to easily keep track of activities and be able to provide regular and accurate updates to the EC.

Dissemination recording and plan								
Name of the journal/book	Publisher/editor	D.O.I. (*)	Title of the POSEIDON publication (#)	Partner responsible/main author	Authors	Cost of the Gold Open Access	Date of submission	Date of publication

Figure 2: Scientific publications

Dissemination recording and plan									Dissemination activity							
Type of event (*)	Name of event	URL	Date	Place	Partner responsible/participants	Targeted audience (#)	Number of participants/visibility (€)	Outputs (i.e. n. of contacts taken - see sheet "contacts")	Attendance	Abstract submission	Paper submission	Poster submission	Lecture/Ppt presentation	Brochure/Newsletter distribution	Video/ DEMO	Booth/ stand

Figure 3: Events

Dissemination recording and plan											
Press and Media (*)	URL	Publication date	Partner responsible/author	Targeted audience (#)	Language	Visibility (€)	Dissemination activity				
							Publication in paper form	Web article	Web post	Visual contents	Interview

Figure 4: Press and Media

Partners agreed to generate peer-reviewed articles resulting from projects to an institutional or subject-based repository, for example Open AIRE, and to make their best efforts to ensure open access to these articles at the latest on publication or within six months after publication. **The open access to scientific publications will be ensured in line with Article 29.2 H2020 MGA on Open access to scientific publication. Each beneficiary must ensure open access (free of charge online access for any user) to all peer reviewed scientific publications relating to its results (Article 29.2 of what). In particular, it must:**

- deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications; Moreover, the beneficiary must aim to deposit the research data needed to validate the results presented in the deposited scientific publications.
- ensure open access to the deposited publication at the latest:
- on publication, if an electronic version is available for free via the publisher, or
- within six months of publication in any other case.
- ensure open access to the bibliographic metadata that identify the deposited publication.

During the POSEIDON project's course various data will be collected and generated. It will mainly be the data acquired during the phase of the development and validation of individual technologies/components and the entire toolbox system (data from modelling and simulation). All data collected during the project will be placed in the official OwnCloud server where they will be available for all authorized persons and will be properly secured against theft and misuse.

2.2. Timeline

The POSEIDON communication and dissemination activities are suggested below. Currently phase 1 has been completed and we are within phase 2. The first section lays out the final aim to be achieved, which is then followed with a step-by-step approach.

- development and maintenance of the project webpage with FAQ section
- preparation of the dissemination materials
- publication of the POSEIDON results
 - at key conferences in Europe
 - in relevant scientific and industrial journals
 - contribution to technology news servers
- EU and national clustering activities
- E-mail newsletters

More in detail, **the POSEIDON dissemination plan foresees:**

Phase 1 (M1 – M12):

- webpage creation
- preparation of the dissemination materials: factsheet
- dissemination strategy
- clustering activities
- first POSEIDON presentations at events
- newsletter

Phase 2 (M13 – M24):

- mid-term report on dissemination
- continuous webpage update
- clustering activities
- scientific publications of the POSEIDON results
- partners participating in conferences and symposia
- dissemination materials: POSEIDON poster/roll-up and brochure

- newsletter and press release summarizing the first half of the project

Phase 3 (M25 – M36):

- continuous webpage update
- clustering activities
- scientific publications of the POSEIDON results
- dissemination materials: leaflet with project's results
- newsletter

Phase 4 (M37 – M48):

- report on dissemination activities
- continuous webpage update
- dissemination strategy update
- scientific publications of the POSEIDON results
- final newsletter and Press release summarizing the whole project

2.3. Target audience

Various communication tools will be used and will be tailored to the needs of different stakeholders and audiences. The target audiences will include scientific community, industry, policy makers, standardization bodies, public and the media.

Communication activities will be monitored and followed-up to maximize their impact. The Project Officer will be regularly informed about the communication outcomes and based on her decision EC communication channels could be used too.

A role of the Dissemination Leader (WP6 Leader, Kristina Pandek, AMI) has been established in order to plan, follow, undertake and monitor the planned communication and dissemination activities. Regular contact with all Work Package Leaders will ensure timely communication and dissemination of project outcomes and results.

3. Dissemination material that has been prepared

Several types of dissemination material have been prepared in order to create awareness and inform wide and various audiences on the POSEIDON project and its development. These materials are extensively used by POSEIDON partners whenever they present at conferences, publish in journals and magazines, establish contacts with media, attend exhibitions, organize workshops, etc.

The promotional material developed so far during the POSEIDON project include:

- **Project logo**
- **Project webpage**
- **Project factsheet, press release**
- **Template for Presentation at conferences, symposia, meetings**
- **eTools like LinkedIn**

All the materials has been distributed to all the partners by email and uploaded to the OwnCloud server.

3.1. Project logo

Some proposals for the project logo were designed before of the kick-off meeting and discussed with the Coordinator. The official POSEIDON logo is also associated with the EU flag and acknowledgment. The project logo is used in all the project related advertising materials.



Figure 5: POSEIDON official logo

3.2. Webpage

The POSEIDON website <https://poseidon-fet.eu/> has been set up in order to increase public awareness of the project and will be actively maintained during the whole course of the project. The whole content of the webpage is public.

The website structure is composed of 6 main pages and 3 subpages with the aim of targeting different audiences. “Starting page” and “Project team” are for broad public. “Goals and Results” including subpages “Public Deliverables” and “Scientific publications” are providing information to scientific community, stakeholders and investors. “Impact” page is for broad public, end users and media. The “News and Events” section ensures the project visibility and returning visitors and “Contact us” allows visitors to ask questions to engage with the project team.

The main navigation menu is placed at the top of the webpage and includes the following sections (with their respective subsections, visible as soon as moving the mouse on the page title): Project team, Goals and Results (subpages: Public Deliverables and Scientific publications), Impact, News and Events and Contact us.

On the bottom 3 frames are dedicated respectively to Project facts, Downloads and Links. At the bottom of the webpage the acknowledgment of EU funding (“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 861950, project POSEIDON”) is placed. The heading’s and bottom page’s visualisation remain constant on all pages. Further information on the format of the project’s website can be found in deliverable D6.1.

Throughout the project the website is regularly being updated with current information, and comments from the Project Officer from the M15 Review meeting were also incorporated regarding an additional explanation of the video on the impact section. All in all, the website so far has registered over 11,077 page views and these metrics are being monitored continuously.

After discussions with partners, it was decided not to include a secure section on the website due to privacy concerns. Therefore, partners will have access to relevant documents, contact data and other material developed through the project through the OwnCloud file repository (an online, cloud-based platform accessible through different browsers, while the data is still physically on the server and well protected). Additionally, the file repository will be actively maintained during the project period.



Figure 6: POSEIDON website



Figure 7 Google analytics for the POSEIDON website since its publishing

3.3. Project fact sheet, press release

In order to provide broad public, with information about the project, promotional material such as a brochure/project fact sheet and press release have been created and have been distributed to all partners by email and uploaded on the OwnCloud server and website. The objective was to present the project in a short, simple and easy to read way.

The aim of the press release is to attract media attention and increase public awareness of the POSEIDON project and its outcomes. It was published in February 2020 in order to inform about the launch of the project and its objectives. The material also included information on the consortium members, contacts of the project manager and coordinator, as well as a webpage link of the project. Those contents were exploited by partners in order to prepare other press releases at their institution, local and national level.

Journalists (from periodicals, magazines, newspapers) will be regularly updated on POSEIDON progress, results and events by publishing dedicated press releases. Additionally, events such as the Industrial Showcase event in Cambridge in M33 with high profile speakers and free attendance for European industry and academia will provide an attractive and low entry threshold forum for networking and promoting POSEIDON.

NanoPhOtonic devices applying SELF-assembled colloIDs for novel ON-chip light sources

POSEIDON

Introduction:

Silicon photonics made tremendous progress in the last decade and promises far more cost effective photonic integrated circuits (PICs) than competing III-V semiconductors. However, a monolithically integrable, mass-manufacturable light source is missing. All approaches of heterogeneous integration of III-V light sources are costly and not highly scalable, creating massive cost and complexity barriers for the commercialization of PICs.

Project description:

The ground-breaking aim of POSEIDON is to develop a radically new bottom-up approach towards multi-scale, on chip self-assembly of active colloids based on low cost colloid technology. For the first time this encompasses the entire process chain of computer-aided design, controlled synthesis, hierarchical assembly, optoelectronic integration and device fabrication. By controlling and designing self-assembly processes directly on a device, addressing length scales from nm to 100's of μm simultaneously, the POSEIDON approach allows to fabricate functional nanophotonic components with 3D, single-nm resolution integrated into complex PICs.



Project facts:

Start date: 01/01/2020
End date: 31/12/2023

Duration in months: 48

Project EU funding: € 3.07M

H2020 FET-OPEN Research &
Innovation Action
Grant Agreement no.: 861950

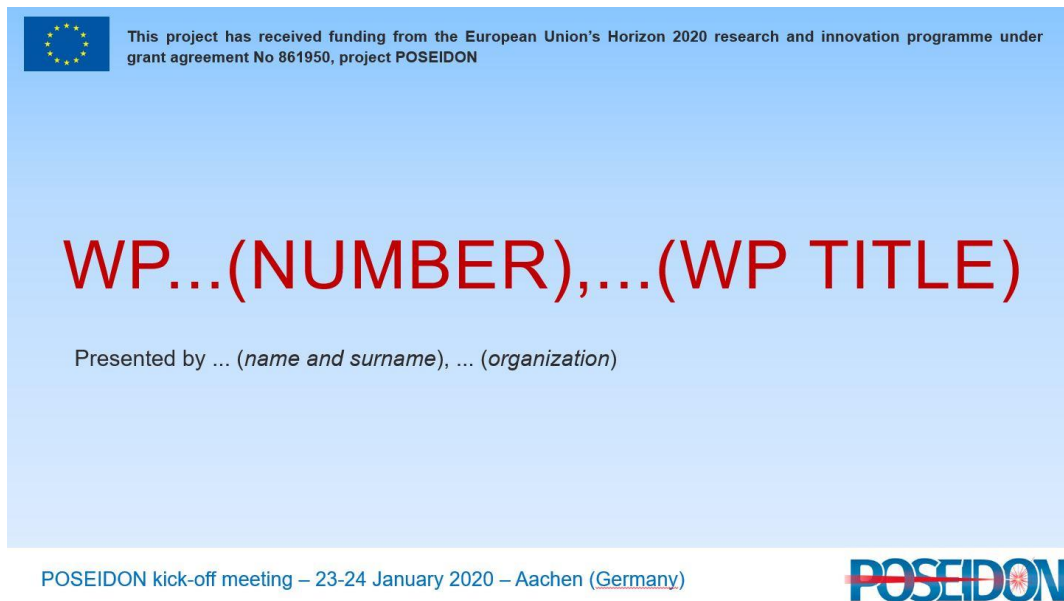
Call (part) identifier:
H2020-FETOPEN-2018-2020
(FET Open – Novel ideas for
radically new technologies)

Topic:
FETOPEN-01-2018-2019-2020

Figure 8: POSEIDON fact sheet

3.4. Template for Presentation at conferences, symposia, meetings

Various templates have been created (PowerPoint template for internal meeting, Meeting Agenda, Deliverables, Progress Report, etc.) and distributed amongst partners. Graphic elements and selection of colours provide a common look for all the templates for POSEIDON presentations, posters and other dissemination material addressed to the general public.



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WP...(NUMBER),...(WP TITLE)

Presented by ... (name and surname), ... (organization)

POSEIDON kick-off meeting – 23-24 January 2020 – Aachen (Germany)


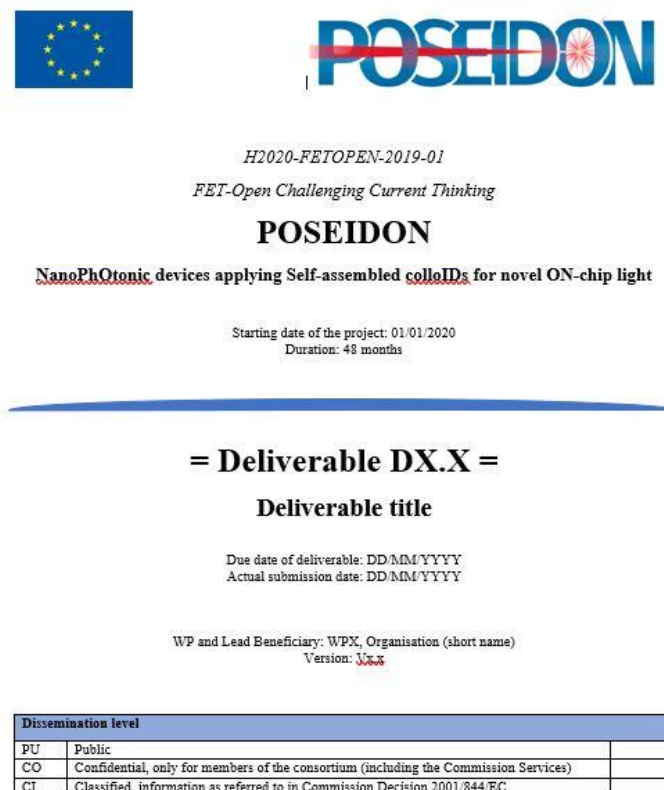




Figure 9: POSEIDON PowerPoint template

H2020-FETOPEN-2019-01
FET-Open Challenging Current Thinking

POSEIDON

NanoPhotonic devices applying Self-assembled colloids for novel ON-chip light

Starting date of the project: 01/01/2020
Duration: 48 months

= Deliverable DX.X =

Deliverable title

Due date of deliverable: DD/MM/YYYY
Actual submission date: DD/MM/YYYY

WP and Lead Beneficiary: WPX, Organisation (short name)
Version: 3.3.3

Dissemination level	
PU	Public
CO	Confidential, only for members of the consortium (including the Commission Services)
CT	Classified, information as referred to in Commission Decision 2001/844/EC

 This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 861950.

Figure 10: POSEIDON deliverable template

3.5. Roll up

In order to present the POSEIDON project at different events a roll-up will be developed including the general project information, the description of the POSEIDON concept and approach with visual contents, the logos of partners and the webpage link. Other posters with more scientific contents could be developed by the partners and presented during scientific symposia and conferences, showing with tangible results and data the achievements.

3.6. Social Media

Social media have gained importance during the coronavirus pandemic and has been used significantly in order to gain traction and attract third parties. A POSEIDON LinkedIn page has been created where short news on the POSEIDON project and its development have been prepared and shared. Partners have also been encouraged to repost this information through their social channels in order to reach a higher number of viewers. Currently we have about 111 followers



Figure 11: POSEIDON LinkedIn page

3.7. Technology news servers

The project will comply with knowledge sharing arrangement and will actively contribute to CORDIS - periodically, each time after the latest achievements, at least at the beginning and at the end of the project.

4. Publication of POSEIDON results

The publication of POSEIDON results to relevant scientific periodicals, journals, events and key conferences will be assured during the whole project lifetime.

4.1. Presentation of conferences, symposia, meetings

A set of conferences, workshops, and seminars have been identified by partners to disseminate POSEIDON results. Here are a few examples of events where POSEIDON has been presented so far:

- ImagineNano2020
- Nanolight 2020
- London Plasmonics Forum 2020
- Spanish Conference on Nanophotonics 2021
- NanoGe Spring Meeting, 2021

A more extensive list can be found in the annex of this document.

Partners will provide updated information about events attendances in the 6-months internal report. Clustering activities with other projects will provide more opportunities to participate in dissemination activities.

4.2. Scientific articles in relevant journals and periodicals

Publication of POSEIDON results in relevant scientific and industrial periodicals and journals in Europe will be encouraged during the course of the project.

Examples of journals, where contributions from POSEIDON partners might be expected (the list is not exhaustive):

Nature, <https://www.nature.com/>
Science, <https://www.sciencemag.org/>
Nature Communication, <https://www.nature.com/commsenv/>
Nature Photonics, <https://www.nature.com/naturephotonics>
Opt. Express, <https://www.osapublishing.org/oe/home.cfm>
ACS Photonics, <https://pubs.acs.org/journal/apchd5>
ACS Nano, <https://pubs.acs.org/journal/ancac3>
Nanoscale, <https://www.rsc.org/journals-books-databases/about-journals/nanoscale/>
Advanced Materials, <https://onlinelibrary.wiley.com/journal/15214095>
Nano Letters, <https://pubs.acs.org/journal/nalefd>

To highlight a few examples, the following is a list of publications where POSEIDON partners have contributed so far:

- Controlling Optically Driven Atomic Migration Using Crystal-Facet Control in Plasmonic Nanocavities; ACS
- Complex plasmon-exciton dynamics revealed through quantum dot light emission in a nanocavity; Springer Nature
- Adsorption Trajectories of Non-spherical Particles at Liquid Interface; APS
- Pattern formation in two-dimensional hard-core/soft-shell systems with variable soft shell profiles; The Royal Society of Chemistry

A more extensive list of publications prepared by Consortium partners up until M24 can be found in Annex 1 of this document.

4.3. Press and media

During POSEIDON meetings, especially in the last year, local media will be invited to speak with coordinator and partners. Partners will use their websites to disseminate POSEIDON activities. News and short report will also be published on the partners' website and other media.

5. Conclusions

This document is an update to D6.2 "Dissemination strategy and materials (branding)", which will be updated one more time at the end of the project in M48. Deliverable D6.5 "Mid-term Report on Dissemination" of the POSEIDON project presents an adjusted strategy according to the developments both inside and outside of the project. The biggest influence was with the global coronavirus pandemic, which has forced practically all dissemination activities to go online.

Otherwise, the strategy has proven to be effective, and the project has already gained a lot of traction and attracted many external parties.

A dissemination recording file and guidelines for dissemination and publication of the project contents, with reference to the EC Open Access policy, are provided to the partners. Hence all the dissemination activities are being monitored, coordinated and recorded, all in accordance with internal guidelines.

The target audiences are well defined in the document together with the corresponding dissemination tools. Those have inclined heavily towards the usage of online tools (website, social media, etc.) and it can be expected that this trend will continue also in the near future.

When disseminating the results of the project, it is always ensured, that following sentence is mentioned and associated with the European emblem: **"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 861950, project POSEIDON".**

6. Degree of Progress

The deliverable is to 100% fulfilled. Task 6.1 “Communication materials” will continue until the end of the project and the Dissemination activities and plan will be updated periodically by the use of the “POSEIDON recording dissemination” Excel file. Information about Dissemination will be also provided to the EC through the periodic reports.

7. Dissemination Level

The Deliverable D6.5 is public and therefore it will be available to download on the project’s website and on demand.

8. Annex

8.1. Dissemination recording file

Dissemination recording and plan									
Name of the journal/book	D.O.I. (*)	Publisher	Title of the POSEIDON publication (#)	Partner responsible/main author	Authors	Date of publication	Is this a joint public/private publication? Yes/No	ISSN/eISSN	Type of access (Green or Gold)
Advanced Materials	10.1002/adma.202001330	WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim	Chiral Materials: Chiral Surface Lattice Resonances	FAU	Eric S. A. Goerlitzer Reza Mohammadi Sergey Nechayev Kirsten Volk Marcel Rey Peter Banzer Matthias Karg Nicolas Vogel	21/04/2020	No	N/A	Gold
ACS NANO	10.1021/acsnano.0c04600	ACS	Controlling Optically Driven Atomic Migration Using Crystal-Facet Control in Plasmonic Nanocavities	UCAM	Angelos Xomalis, Rohit Chikkaraddy, Eitan Oksenberg, Ilan Shlesinger, Junyang Huang, Erik C. Garnett, A. Femis Koenderink, and Jeremy J. Baumberg	20/07/2020	yes		CC-BY so Open Access
Physical Review Letters	10.1103/PhysRevLett.126.047402	APS	Plasmon-induced Trap State Emission from Single Quantum Dots	UCAM	Junyang Huang, Oluwafemi S Ojambati, Rohit Chikkaraddy, Kamil Sokolowski, Qifang Wan, Colm Durkan, Oren A Scherman, Jeremy J Baumberg	01/01/2021	no	N/A	CC-BY so Open Access
Journal of Physical Chemistry Letters	doi.org/10.1021/acs.jpclett.0c03702	ACS	Förster Resonance Energy Transfer and the Local Optical Density of States in Plasmonic Nanogaps	UHULL	Abdullah O. Hamza, Francesco N. Visconti, Jean-Sebastien G. Bouillard and Ali M. Adawi	01/02/2021	no		Green
Nature Communications	10.1038/s41467-021-21539-z	Springer Nature	Complex plasmon-exciton dynamics revealed through quantum dot light emission in a nanocavity	CSIC	Satyendra Nath Gupta, Ora Bitton, Tomas Neuman, Ruben Esteban, Lev Chantonnov5 Javier Aizpuru, and Gilad Haran	26/02/2021	No	2041-1723	Gold
Physical Review E	https://doi.org/10.1103/PhysRevE.103.042604	APS	Adsorption Trajectories of Non-spherical Particles at Liquid Interface	UHULL	A.M. Adawi, T.S. Horozov, D.M.A. Buzza et. al.	12/04/2021	No		Green
ACS Photonics	10.1021/acsp Photonics.1c01048	ACS Publications	Accessing Plasmonic Hotspots using Nanoparticle-on-Foil Constructs	UCAM	Rohit Chikkaraddy and Jeremy J Baumberg	23/08/2021	No	23304022	
Advanced Optical Materials	10.1002/adom.202100378	WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim	The Beginner's Guide to Chiral Plasmonics: Mostly Harmless Theory and the Design of Large-Area Substrates	FAU	Eric S. A. Goerlitzer, Aniket S. Puri, Jebin J. Moses, Lisa V. Poulikakos, and Nicolas Vogel	28/05/2021	No	N/A	Gold
Advanced Functional Materials	10.1002/adfm.202105054	WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim	Nanoimprint Lithography Facilitated Plasmonic-Photonic	FAU	Vaibhav Gupta, Swagato Sarkar, Olya Afienieva, Takuya Tsuda, Labeesh Kumar, Daniel Schletz, Johannes Schultz, Anton Kiriy, Andreas Fery, Nicolas Vogel, and Tobias A. F. König	29/06/2021	No	N/A	Gold
ACS Photonics	10.1021/acsp Photonics.1c01100	ACS Publications	Locating Single-Atom Optical Pico-cavities using Wavelength-Multiplexed Raman Scattering	UCAM	Jack Griffiths, Bart de Nijs, Rohit Chikkaraddy, Jeremy J Baumberg ^{1*}	04/10/2021	No		
The Journal of Physical Chemistry C	doi.org/10.1021/acs.jpcc.1c07284	ACS	Kinetic Regulation of the Synthesis of Pentatwinned Gold Nanorods below Room Temperature	CIC	Ana Sánchez-Iglesias, Kellie Jenkinson, Sara Bals, Laís M. Liz-Marzán	22/10/2021	No		Open Access
Nano Letters	10.1021/acs.nanolett.1c03202	ACS	Electronic Exciton-Plasmon Coupling in a Nanocavity Beyond the Electromagnetic Interaction Picture	CSIC	Antton Babaze, Ruben Esteban, Andrei G. Borisov and Javier Aizpuru	16/09/2021	No	1530-6984	Green
Nature Nanotechnology	10.1038/s41565-021-00973-6	ACS	Energy-resolved plasmonic chemistry in individual nanoreactors	UCAM	Oksenberg, E., Shlesinger, I., Xomalis, A. et al	04/10/2021	No	1748-3387	
ACS Nano	10.1021/acsnano.1c04100	ACS Publications	Quantum Tunneling Induced Optical Rectification and Plasmon-Enhanced Photocurrent in Nanocavity Molecular Junctions	UCAM	Dean Kos, Daniel R. Assumpcao, Chenyang Guo, and Jeremy J. Baumberg	26/08/2021	No	1936086X	
Nature Nanotechnology	10.1038/s41565-021-00949-6	ACS	Nanoparticle surfactants for kinetically arrested photoactive assemblies to track light-induced electron transfer	UCAM	Kamil Sokolowski Junyang Huang Tamás Földes, Jade A. McCune, David D. Xu, Bart de Nijs, Rohit Chikkaraddy, Sean M. Collins, Edina Rosta, Jeremy J. Baumberg and Oren A. Scherman	02/09/2021	No	17483395	
			A plasmonic nanogap for controlling the radiative decay rate of light emitting conjugated polymer	UHULL	Abdullah O. Hamza, Jean-Sebastien G. Bouillard, and Ali M. Adawi	In review			
			On the dependence of Förster resonance energy transfer and the local density of optical states	UHULL	Abdullah O. Hamza,b,c, Jean-Sebastien G. Bouillard,a,b and Ali M. Adawia	In review			
			Defined core-shell particles as the key to complex interfacial self-assembly	FAU	Johannes Menath, Jack Eatsonb, Robert Brilmayerc, Annette Andrieu-Bransenc, D. Martin A. Buzza b and Nicolas Vogela,	In review	Yes		
In press			Detecting MIR Light by Molecular Frequency Upconversion with Dual-wavelength Hybrid Nanoantennas	UCAM	Angelos Xomalis, Xuezhi Zheng, Rohit Chikkaraddy, Zsuzsanna Koczor-Benda, Edina Rosta, Alejandro Martinez, Jeremy J. Baumberg				
In press			Mid-infrared-perturbed Molecular Vibrational Signatures in Plasmonic Nanocavities	UCAM	Rohit Chikkaraddy, Angelos Xomalis, Lukas A. Jakob, and Jeremy J. Baumberg ^{†1}				

Dissemination recording and plan																
Type of event (*)	Name of event	URL	Date	Place	Partner responsible/participants	Targeted audience (#)	Number of participants/Visibility (C)	Outputs (i.e. n. of contacts taken - see sheet "contacts")	Attendance	Abstract submission	Paper submission	Poster submission	Dissemination activity			
									Lecture/Powerpoint	Brochure/Newsletter distribution	Video/DEM O	Booth/stand				
Workshop	Gordon Conference Plasmonics and Nanophotonics	https://www.grc.org/plasmonics-and-nanophotonics-conference/2020/	12-17 July 2020	Newry, ME, United States	Eric Görlitzer (FAU)	Scientific community		Introduce the project, meet people and increase POSEIDON visibility	X			X				
Online Workshop	EIC Innovation Training Workshop 3.0	https://community-smel.easme-web.eu/articles/open-call-eic-innovation-training-workshop-pathfinder-30-capitalize-your-innovation	01-02 Dec. 2020	Online	Oscar Ferreira Silvestre (CIC biomGUNE)	EIC Pathfinder beneficiaries of the scientific community	approx. 20 European	Understand the exploitation roadmap for products generated by the project. Networking with fellow researchers.	X				X			
Online Conference	Online Summer Conference for Chiral Plasmonics	https://sites.google.com/view/conference-on-chiral-plasmonic/home	08-09 Jul. 2020	Online	Luis Liz-Marzán (CIC biomGUNE)	Researchers, students	80 Worldwide	Contact with Prof. Ki Tae Nam (SNU, South Korea)	X				X			
Online Conference	ImagineNano 2020	http://www.confstreaming.com/IM2020/index.php	29 Sep - 01 Oct 2020	Online	Luis Liz-Marzán (CIC biomGUNE)	Researchers, students	80 European	Dissemination					X			
Conference	Nanolight 2020	http://benasque.org/2020nanolight/	10-13 March 2021	Benasque, Spain	Javier Aizpurua (CSIC)	Scientific Community	100	Introduce the project, meet people and increase POSEIDON visibility	X				X			
Online Conference	Quantum Huddle Seminar Series	https://quantumhuddle.org/#pastandfuture	6 July 2020	Quantum Huddles Seminar (on line)	Javier Aizpurua (CSIC)	Scientific community	50	Introduce the project, and increase POSEIDON visibility					X			
Online Colloquium	Quantum approaches to nanocavity-enhanced molecular spectroscopy	https://teorica.unizar.es/noticias/martes-cuatico-line-0	3 November 2020	Quantum Tuesdays	Javier Aizpurua (CSIC)	Scientific community	50	Introduce the project, and increase POSEIDON visibility					X			
Conference	Spanish Conference on Nanophotonics - 2021	http://cen2020.webs.uvigo.es/welcome/	20-22 Sept-2021	Online	Mario Zapata Herrera (CSIC)	Scientific Community	approx. 100	Introduce the project, and increase POSEIDON visibility	X				X			
Online colloquium	Describing plasmon-enhanced molecular spectroscopy at the atomic scale	https://www.uri-potsdam.de/en/ukm/teaching/elementary-processes-of-light-driven-reactions-at-nanoscale-metals	9 July 2021	Coloquium	Javier Aizpurua (CSIC)	Scientific community	50	Introduce the project, and increase POSEIDON visibility					X			
Conference	Photothermal Effects in Plasmonics-PEP 21 (Summer School)	https://www.fresnel.fr/PEP2021/organisation.html	17-22 Oct-2021	Porquerolles, France	Mario Zapata Herrera (CSIC)	Scientific Community	approx. 100	Introduce the project, and increase POSEIDON visibility	X			X				
Online conference	London Plasmonics Forum, 2020,	http://www.reactiveplasmonics.org/news/london-plasmonics-forum-goes-digital/	11 June 2020	Online	Eric Görlitzer (FAU)	Scientific community	150 worldwide	Introduce the project, meet people and increase POSEIDON visibility	X	X		X*				
Twitter conference	Photonics Online Meetup, 2020	http://photonicsonlinemeetup.org/events/uo20-program/	25 June 2020	Online	Eric Görlitzer (FAU)	Scientific community	>100 worldwide	Introduce the project, meet people and increase POSEIDON visibility	X	X		X				
Online conference	nanoge Spring Meeting, 2021	https://www.nanoge.org/NSM21/home	09-12 Mar 2020	Online	Eric Görlitzer (FAU)	Scientific community	approx. 50 in the session, worldwide	Introduce the project, meet people and increase POSEIDON visibility	X	X				X**		
Online Workshop	Scientific Workshop on Plasmonic NPs: Synthesis, Sharakterization and Applications	https://beatmof.eu/training-and-events/	15-17 Mar 2021	Online	Luis Liz-Marzán (CIC biomGUNE)	Researchers, students	50 European	Dissemination					X			
Online Conference	International Conference on Spintronics, Photonics, Phononics and Magneto-Optics	http://confstreaming.archivephantomsnet.net/SPN2021	10 Jul. 2021	Online	Luis Liz-Marzán (CIC biomGUNE)	Researchers, students	150 European	Dissemination					X			
Online Conference	XXIX International Materials Research Congress: Nanostructured Materials and Nanotechnology: Synthesis, Properties and Theory	https://www.mrs-mexico.org.mx/imrc2021/symposium-A10	15-20 Aug 2021	Online	Luis Liz-Marzán (CIC biomGUNE)	Researchers, students	400 Worldwide	Dissemination					X			
Online Conference	Spanish Conference on Nanophotonics	http://cen2020.webs.uvigo.es/welcome/	20-23 Sep 2021	Online	Luis Liz-Marzán (CIC biomGUNE)	Researchers, students	100 National	Dissemination					X			
Colloquium	2020 colloquium		8-9 Jan 2020	In person	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	Actuating Nanostructures: using light on the nanoscale		21 February 2020	In person	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	How optics can help slow electrochemistry happening on the nanoscale		27 February 2020	In person	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	Nanolight 2020		8-14 March 2020	In person	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	Pico-Photonics: what can be seen with extreme confinement of light		15-20 March 2020	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
Webinar	strong coupling and molecular polaritons in extreme plasmonics		24 June 2020	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	Nano-photonics at scale: nano-materials with unusual interactions with light		16-18 Sept 2020	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	Using light to watch molecule-metal interactions at the single bond level		21 January 2021	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
Colloquium	Using light to watch molecule-metal interactions at the single bond level		19 February 2021	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	Picocavities: Plasmonic Forces at the Picoscale		25-28 Apr 2021	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	ICAVS11		22-27 Aug 2021	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
Workshop	ERC TAME workshop		22-24 Sept 2021	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			
	NanoScience Days		5-6 October 2021	Online	Jeremy Baumberg (UCAM)	Scientific community		Dissemination	X				X			

Dissemination recording and plan											
Press and Media (*)	URL	Publication date	Partner responsible/author	Targeted audience (#)	Language	Visibility (C)	Dissemination activity				
							Publication in paper form	Web article	Web post	Visual contents	Interview
Donostitik.com, local digital magazine	https://www.donostitik.com/cic-biomagune-logra-de-europa-mas-de-un-millon-de-euros-para-tres-proyectos-cientificos/	06.11.2019	CIC biomaGUNE	General public	Spanish	National, Local	No	Yes	Yes	No	No
Mapping Ignorance, blog	https://mappingignorance.org/2021/10/07/	07.10.2021	CSIC	General public	English	Global	No	No	Yes	No	No