EX FILES

D7.3

Updated plan and initial report on dissemination and communication activities

Project number:	883156
Project acronym:	EXFILES
Project title:	Extract Forensic Information for LEAs from Encrypted SmartPhones
Start date of the project:	1st July, 2020
Duration:	36 months
Programme / Topic:	H2020-SU-SEC-2019 / SU-FCT02-2018-2019-2020 Technologies to enhance the fight against crime and terrorism

Deliverable type:	Report
Deliverable reference number:	SU-FCT02-883156 / D7.3 / V1.0
Work package contributing to the deliverable:	WP7
Due date:	December 2021 – M18
Actual submission date:	2nd February, 2022

Responsible organisation:	TECHNIKON
Editor:	Patrick Leczek
Dissemination level:	Public
Revision:	1.0

Abstract:	This deliverable includes updates on the dissemination and communication plans, as well as initial reports on the executed activities.
Keywords:	Dissemination, communication, website, leaflet, newsletter, social media

Editor

Patrick Leczek (TECHNIKON)

Contributors (ordered according to beneficiary numbers)

All partners

Disclaimer

The information in this document is provided "as is", and no guarantee or warranty is given that the information is fit for any particular purpose. The content of this document reflects only the author`s view – the European Commission is not responsible for any use that may be made of the information it contains. The users use the information at their sole risk and liability.

Executive Summary

This deliverable includes information on the dissemination, communication and exploitation activities, as well as on internal and external training activities of the EXFILES project. It is the first report on the communication and dissemination activities of the first 18 project months. It thus contains relevant information about all executed activities up to M18, as well as an updated plan of future activities. The deliverable will be updated and finalized within "D7.6 Final report on dissemination & communication activities" at the project end.

Table of Content

List of Figures

List of Tables

Chapter 1   Introduction

This deliverable provides an updated plan and initial report on the partners' **dissemination** and **communication** activities, as listed in Annex I. It will be finalized until the project end with D7.6 "Final report on dissemination & communication activities".

Dissemination & communication activities ensure the visibility and awareness of the project and support the widest adoption of its results among potential users. The EXFILES dissemination & communication plan paves the way for successful exploitation by facilitating internal communication within the project from the outset. Dissemination & communication activities are actively pursued from the beginning to the end of the project – engaging continuously with both internal and external audiences. The activities have been clustered into three main phases, which is shown in Figure 1.
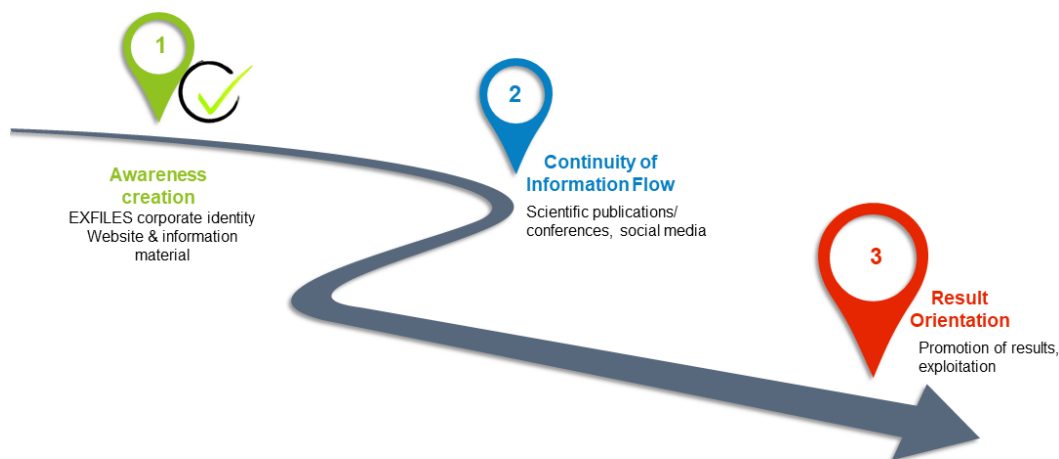
Figure 1: Dissemination & communication phases

The first phase is called **"awareness creation"** and consisted of building up the EXFILES brand and corporate identity, as well as of establishing the EXFILES website and additional project information material, like templates for documents as well as presentations. The EXFILES project has successfully passed this first phase.

In the second phase called **"continuity of information flow"**, in which the project is now, scientific papers are written and submitted to conferences and journals and presentations at conferences and workshops are/will be given in order to raise awareness among the scientific and industrial stakeholders. Furthermore, publications, whitepapers and certain deliverables will be published on the project website in order to keep interested parties informed about the latest progress. In addition, engaging posts on Twitter and LinkedIn and on the project website's blog constitute an important part of keeping the information flow upright and increase the interest of multiple audiences. Besides that, newsletters, press releases, posters, information about workshops and conferences, etc. are an integral part of this dissemination phase, allowing more interactive communication within and outside the consortium.

In the third phase **"Result orientation"**, dissemination will feed into **exploitation**, which means using the results for commercial or scientific purposes, or in public policymaking. There will be some dissemination activities also after the project end in order to promote the project results (e.g. website will stay alive for 5 years, social media, cooperation activities with other projects, talks at conferences

and follow-up projects). The main focus will be to exploit those project results and attract the target audience group.

At the beginning of the project, the consortium established an initial dissemination & communication plan, which will be explained in more detail in the following chapters, where we report on past dissemination & communication activities. The exploitation activities will be described separately in D7.4 "Updated plan and initial report on Exploitation activities and Data Management".
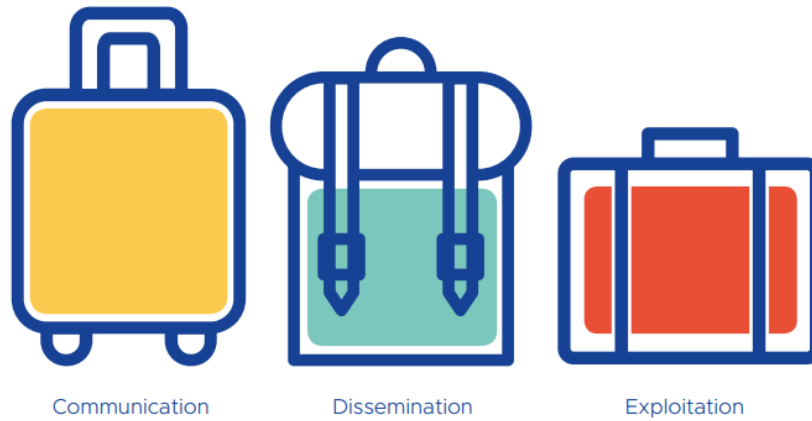

Figure 2: Communication, dissemination and exploitation[1]

---

[1] Taken from: https://www.iprhelpdesk.eu/sites/default/files/EU-IPR-Brochure-Boosting-Impact-C-D-E_0.pdf

Chapter 2   Dissemination & communication strategy

A clear communication and dissemination strategy is essential and a forerunner for the execution of a dissemination & communication plan. Therefore, the EXFILES project has set out a clear strategy for dissemination & communication (Figure 3). The strategy defines the audiences the project aims to target, and defines why such audiences should be targeted and by which means.

While talking about communication the goal is to highlight the benefits of the EXFILES project for society, e.g. by showing the public society and media the impact of our project on everyday lives. When it comes to dissemination, the goal is to transfer knowledge and make project results available to an audience that may take an interest.
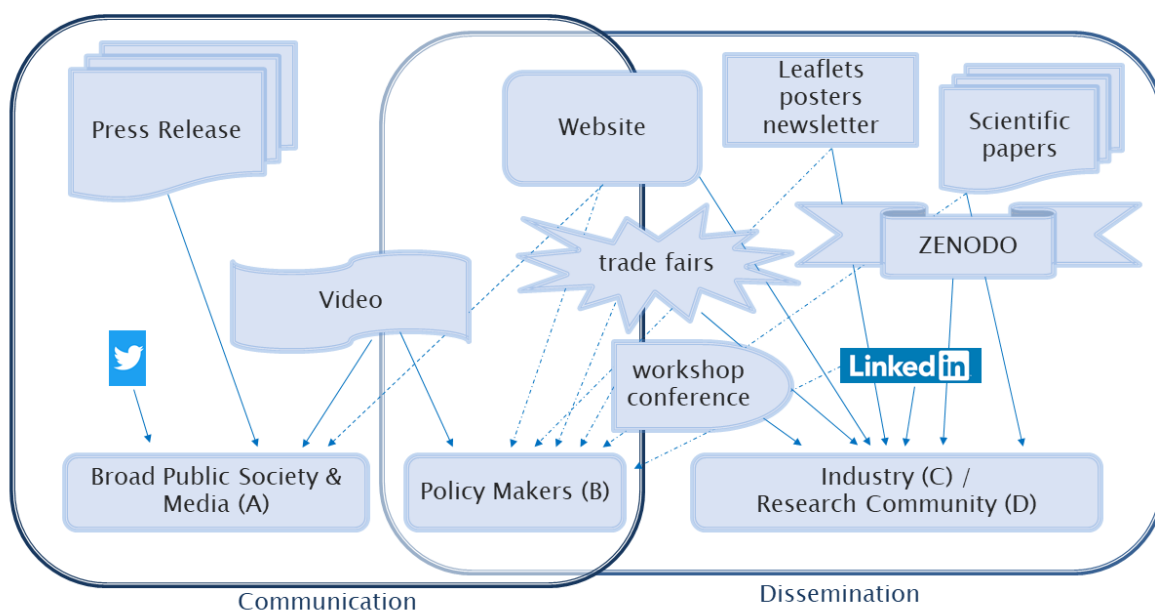
Figure 3: EXFILES dissemination & communication strategy

Within the EXFILES project, four main audience groups have been defined:

For communication:

- **Broad Public Society & Media** (A)**,**
- **Policy Makers** (B)**,**

For dissemination:

- **Policy Makers** (B)**,**
- **Industry** (C)**,** and
- **Research Community** (D).

The project results are used to reach different audiences, by using various channels from Figure 4. The channels and forms of their application are described in the following.

Figure 4: EXFILES target audiences and measures

2.1 Broad Public Society & Media

Citizens are taxpayers and pay large amounts to the European Commission yearly. It is only fair that they expect to see that the resources they commit serve a meaningful purpose. Without funding from taxpayers, there would be no funding for H2020 projects. With different communication activities we show to the society the impact and benefits of the EXFILES project, and how they could profit from the project results.

Within the EXFILES project, there are many means defined to reach the public. One of the main is the project website, on which it is possible to find a compact, foldable, flyer, as well as newsletters. Further channels that are emerging are videos and podcasts, which are available on the project website. Also, the EXFILES Twitter account gives an overview of the EU funded R&I activities.

2.2 Policy Makers

It is important to bring the research and its outcome to policymakers in order to support them while fostering collaboration and innovation. There are several benefits in presenting the work and the results of the EXFILES project to policymakers.

First, it increases the visibility of our research and enhances the project partner's reputation. Further, it helps to gain understanding and support, also financially. Additionally, we attract potential end-users of the project results and by outlining the broader socio-economic and policy context of our project. Future policymaking will be positively influenced. The scientific evidence of EXFILES additionally support the grounds for European policymaking.

2.3   Industry

In order for the innovation developed within the EXFILES project to have any value, it is essential to show it and its applicability to industry (Law Enforcement Agencies) needs. Within the industry, a large potential of stakeholders can be found, which will eventually enhance the general exploitation of the innovation.

The EXFILES project foresees several ways to reach the industry. The industry is reached by attending conferences, workshops and further by publishing newsletters and keeping the website up to date. Furthermore, in the EXFILES Advisory Board all members work in the industry. The EXFILES Advisory Boards consists of members from the following organisations:

- National Danish Police
- Swedish Police Authority – NFC
- Ministerio del Interior – Policia Nacional
- S.M.E Instituto Nacional de Cibersegurida de Espana M.P., S.A.
- Central Office for Information Technology in the Security Sector

2.4   Research community

Reaching the research community is crucial for innovation within the European Union: in order for the EXFILES project to have a real impact in further research, it is essential to reach and gain the interest of the said community.

There are many channels through which the research community can be reached and results of the project can be made available. First of all, it is necessary to publish in open access. EXFILES provides open access to published articles and publications.

In order to connect with the scientific community, the EXFILES project aims to be active on social media, specifically on Twitter and LinkedIn. Partners are also encouraged to share the project results with their peers and followers. The project newsletter, with the information on the project progresses, is made available on the project website, as well as on social media.

Moreover, the EXFILES consortium attends conferences, where the project's posters are presented and leaflets handed out. Our main aim is dissemination at conferences of European significance at least. However, lectures can be further disseminated at national levels in national languages for border scope of impacts.

Chapter 3   Dissemination & communication plans and report

Dissemination and communication are ongoing tasks within EXFILES. Past activities, which were already completed in the awareness creation and continuity of information flow phase, are summarised in the following table. As most of the activities were needed for both communication and dissemination, we have combined them in one table:

Table 1: Past activities

Type of activities	Main leader	Title	Date	Place	Target audience[2]	Goal of the activity
Other	TECHNIKON	Project branding	July 2020	online	A, B, C, D,	Project logo and a colour scheme were agreed upon, which are used for all communication and dissemination activities in order to ensure a recognizable visual identity.
Press release	TECHNIKON	Announcement Letter	July 2020	online	A, B, C, D,	The announcement letter was published on the coordinator's (TEC) website at first, and then later on the project website. It was made available for all project partners, in order to encourage partners to make their own internal announcements

---

[2] See Chapter 2

Type of activities	Main leader	Title	Date	Place	Target audience[2]	Goal of the activity
Other	TECHNIKON	Project Website	September 2020	online	A, B, C, D,	To disseminate & communicate information on the project and its impact to interested parties worldwide (e.g. news such as conference visits, publications & deliverables, involved partners, links, etc.) the official project website was established.
Other	TECHNIKON	Twitter Account	September 2020	online	A, D,	A Twitter account was set up for the project. Updates are posted on a regular basis.
Other	TECHNIKON	LinkedIn Account	September 2020	online	A, D,	A LinkedIn account was set up for the project. Updates are posted on a regular basis.
Other	TECHNIKON	Leaflet	October 2020	online	A, B, C, D,	A project leaflet was created, published on the project website and made available for all project partners, in order to encourage the partners to distribute it during events.
Other	TECHNIKON	Project Announcement video	September 2020	online	A, B, C, D,	The project announcement video was created to visually support the announcement of the project start.

Type of activities	Main leader	Title	Date	Place	Target audience[2]	Goal of the activity
Other	TECHNIKON	Project Explainer Video	November 2020	online	A, B, C, D,	The explainer video provides an overview of the project.
Press release	ULille	Announcement article	January 2021	online	A, D,	This press release describes the project in the University of Lille's newsletter (for academics and students), with a link to the project video.
Participation to other events	CSIC	#IMBCNMTalks webinar	June 2021	online	C, D	Project introduction and CSIC role within it, addressed mainly to the IMB-CNM institute staff
Participation to a Conference	RHUL	IEEE Security & Privacy	May 2021	online	C, D,	Participation to the IEEE Security & Privacy conference
Participation to a Workshop	RHUL	IEEE Workshop on the Internet of Safe Things	May 2021	online	C, D,	Participation to the IEEE Workshop on the Internet of Safe Things
Scientific publications	RHUL	Physical fault injection and side-channel analysis/survey on mobile	Sep 2021	N/A	C, D,	Development and dissemination of work from task 5.1

Type of activities	Main leader	Title	Date	Place	Target audience[2]	Goal of the activity
		devices (Computers & Security journal, Elsevier)				
Scientific publications	RHUL	New software attestation scheme for RISC-V (IEEE Security & Privacy Workshops)	May 2021	N/A	C, D,	Extended dissemination activity originating from WP3
Other	TECHNIKON /CEA	Podcast	May 2021	online	A, D,	First look at the EU-funded EXFILES project, its goals and the consortium.
Other	TECHNIKON /NFI	Podcast	June 2021	online	A, D,	Discussion with an employee from the Netherlands Forensic Institute (NFI), one of the world's leading forensic laboratories.
Newsletter	TECHNIKON	Newsletter	September 2021	online	A, D,	The newsletter provides general information of the project, as well as an update about technical results.
Other	TECHNIKON /Synacktiv	Podcast	December 201	online	A, D,	Discussion with an employee from Synacktiv about developing methods to access locked phones.

Type of activities	Main leader	Title	Date	Place	Target audience[2]	Goal of the activity
Participation to other events	TECHNIKON, CEA, NFI	CERIS workshop on digital forensics	June 2021	online	C, D,	Workshop on mobile forensics, computer forensics and encryption, participation in virtual poster session.
Participation to other events	TECHNIKON	CERIS FCT workshop on money laundering	December 2021	online	C, D,	Workshop on actual legislation on anti-money laundering and countering terrorist financing and the role of banking system in detection of money laundering.
Participation to other events	TECHNIKON, CEA	Project to policy kick off seminar	March 2021	online	C, D,	The main objective of this seminar was to raise awareness for different sectors of the European Commission in charge of developing policies linked to Security aspects (e.g. DG ECHO, HOME, ENV, SANTE, ENER, TAXUD, etc.) on the research projects funded under the Secure Societies call 2019 at their early stages.

3.1   Phase 1: Awareness creation

The goal of the "awareness creation" phase was to build up the EXFILES brand and corporate identity, as well as to establish the website and other useful information material. The EXFILES consortium successfully finished this first phase. The planned activities for the first phase can be found in section 2.2.1 of the DoA part B document and the executed activities are described in the following sub-chapters.

3.1.1   Highlights of phase 1

As listed in Table 1, within the first phase of the project several communication activities were carried out. First, the project was announced by an official announcement letter, which was published on the coordinator's (TECHNIKON) website and the project website. It was made available for all project partners, in order to encourage partners to make their own internal announcements. Further, the **project logo and a colour scheme** were agreed upon, which are used for all communication and dissemination activities in order to ensure a recognisable visual identity. In addition, a project **leaflet** has been established, a project announcement video has been created and the project website built-up, which is constantly updated.

Figure 5: EXFILES Logo

Figure 6: EXFILES Leaflet

Some of these communication and dissemination activities are already described in detail in D7.1 "Internal and external IT communication infrastructure and project website". Therefore, we here just briefly list these actions. For further details, please refer to D7.1.

3.1.1.1 Project Website

The EXFILES project website is available at the following link: https://exfiles.eu/

On each subpage of the EXFILES website the disclaimer, the legal notice, the privacy policy and a feedback form are accessible (located at the bottom).

The homepage provides an overview of the project, including information about the project's *mission and motivation*, about the planned *results*, the *technical approach* (work packages) and the *use cases* of EXFILES. Furthermore, the *consortium* is presented and each partner website is linked.

The website is kept up to date with latest information on past and upcoming events. Regular blog entries are posted on the website, showing work that has been performed by the different project partners. In addition to that, submitted public RTD deliverables are made available, as well as publications related to the project.

3.1.1.2   Newsletter

Newsletters are efficient communication channels in order to provide news on the project progress and to discuss ongoing topics relevant to EXFILES for internal and external project partners, stakeholders and other interested bodies. Newsletters are amongst other tools part of the common dissemination strategy. The first issue can be found on the project website.

3.2   Phase 2: Continuity of information flow

The goal of the "Continuity of information flow" phase, which started approximately after the first year of the project, is to raise further awareness among our different target groups.

3.2.1   Highlights of Phase 2 and outlook

3.2.1.1   Social Media

Social media is a very powerful tool to communicate and disseminate information and to effectively let people know about the activities we carry out in our EXFILES project, that is why we created at the beginning of the project, an EXFILES Twitter, as well as a LinkedIn account. Both accounts are updated on a regular basis. To schedule the postings and tweets in P2, we have created a posting plan, which will help us to plan and organize upcoming content and ensure more regular posts.

3.2.1.2   Podcasts

During the first 18 months of the project, the TECHNIKON media team recorded and published 3 podcasts with project partners. These podcasts give people an insight into the EXFILES project.

- EXFILES podcast #1: In this episode, we take a first look at the EU-funded EXFILES project, its goals and the consortium with CEA.
- EXFILES podcast #2: In this episode, we speak with an employ from the Netherlands Forensic Institute (NFI), one of the world's leading forensic laboratories.
- EXFILES podcast #3: In this episode, we speak with an employee from Synacktiv in Paris about developing methods to access locked phones. There is no easy solution, but in EXFILES, partners across Europe have resolved to make inroads to this challenging aspect of cybersecurity.

In the upcoming months of the project further podcast are going to be published. Three additional podcasts are already recorded and are currently in the postproduction and finalization phase:

- EXFILES Podcast #4: An inside view from a LEA partner.
- EXFILES Podcast #5: About microscopic views and the Hardware approach.
- EXFILES Podcast #6: Ethics and Technology - a prerequisite for European research: Engineering and Technology.

3.2.1.3 Planned activities

The following dissemination & communication activities are planned for P2 of the EXFILES project.

Table 2: Planned activities

Type of activities	Partner	Title	Date	Place	Target audience[3]
Scientific publications	CEA	Smart Trigger Exploitation For Forensic Applications	February /March 2022	tbd	C, D
Participation in activities organized jointly with other H2020 projects	CEA	SRE 2022 (Event organized by EC)	March 2022	tbd	B, C, D
Participation to a Workshop	CEA	Organization of PHISIC: an international workshop on HW security	May 2022	tbd	B, C, D
Participation to other events	TECHNIKON /Cyber Intel	Podcast: Generic explanation of the project and discussion about software solutions.	tbd	online	A, D
Participation to a Conference	Cyber Intel	Public results approved by the SSB in a security conference	tbd	tbd	C,D
Participation to other events	Cyber Intel	Seminars for Master students	tbd	tbd	D
Other	TECHNIKON	Audio/visual media productions	regularly	online	A, B, C, D
Newsletter	TECHNIKON	Newsletter	tbd	online	A, B, C, D
Participation in conferences/trade fairs/events	ALL	tbd	tbd	tbd	B, C, D
Scientific Publications	Cyber Intel, ULille, RHUL, CEA	tbd	tbd	tbd	C, D
Social Media	TECHNIKON, ALL	Twitter & LinkedIn	regularly	online	A, D

---

[3] See Chapter 2

3.3   Summary of phase 1 and outlook to phase 2

Communication activities to promote the project itself and its success, as well as the dissemination of results are key areas of our H2020 EXFILES project. Our goal is to bring research and its outcomes to the attention of non-scientific audiences, scientific community, the industry (LEAs) or policymakers. To achieve this, we have created our EXFILES dissemination & communication strategy described in Chapter 2.

The EXFILES project has successfully passed the first phase "awareness creation" and the project team has prepared the necessary communication and dissemination material (corporate design, leaflets, website social media channels, etc.) We would like to point out, that this work was carried out jointly and all project partners.

The project is now in the second phase called "continuity of information flow". In the past months presented the project at different conferences and workshops in order to further raise awareness among stakeholders. The project website and the social media channels (LinkedIn and Twitter) are updated on a regular basis with news from the project. At the moment the consortium is satisfied with the number of activities, followers and visitors, but we will work hard to boost the project in the second phase of the project. In addition to that, EXFILES is represented at the Euvation innovation platform called "Spotlight on European Innovation", a platform for videos, podcasts and other dissemination material, which works in different innovation domains. Trough Euvation we can talk with partners from selected European high-tech research and innovation projects and stay in contact also beyond the project end.

3.4   Phase 3: Result orientation

The EXFILES project will enter this third phase towards the end of the project. The result orientation phase consists of three main goals:

- Promotion of project results
- Exploitation activities (see D7.4 and upcoming D7.7)
- Attraction of the target group

The EXFILES consortium currently has the following plans for phase 3 (see table below).

Table 3: Planned Dissemination & Communication Activities – Phase 3

Type of activities	Partner	Title	Date	Place	Target audience[4]
EXFILES Workshops	IRCGN, CNI, CEA, ULille (ALL)	Workshops to disseminate and showcase the results of the project to the intended end users	tbd	Potentially co-located to a security conference (last year of the project)	A, B, C, D
Training	CEA, RISCURE, Synacktiv, BKA, CSIC, Texplained	Training and training material to teach people of equipped laboratories	Last year of the project		B, C, D

---

[4] See Chapter 2

Chapter 4   Summary and conclusion

Dissemination & communication are besides the technical and R&D work key areas of activity for the members of the consortium and for the success of the whole project.

This document provides an overview of dissemination & communication activities, both past and planned. The activities have been assigned to different phases: "awareness creation", "continuity of information flow" and "result orientation". As reported, several targeted dissemination activities have been performed both jointly and individually by all partners up to M18. A summary of past activities and an outlook for future activities are given (it is not completed, it is a living document). Furthermore, the EXFILES consortium has already prepared first scientific publications and further are expected to follow. In order to raise awareness for the project's goals and to target potential stakeholders like the industry, policymakers or the scientific community, and the general public, the consortium's common dissemination strategy has been further developed and defined.

In D7.6 "Final plan and report on Dissemination and Communication activities" due in M36, the dissemination & communication activities undertaken during the second project period will be presented. f