WATCHING THE RISK FACTORS

WARIFA

ARTIFICIAL INTELLIGENCE AND THE PERSONALIZED
PREVENTION AND MANAGEMENT OF CHRONIC CONDITIONS

Project title	Artificial intelligence and the personalized prevention and management of chronic conditions		
Project acronym	WARIFA		
Project number	101017385		
Call	Digital transformation in Health and Care	**Call ID**	H2020-SC1-DTH-2020-1
Topic	Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies	**Topic ID**	SC1-DTH-02-2020
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D8.5 - DISSEMINATION ACTIVITIES REPORT

Due date	31/12/2022	**Delivery date**	16/12/2022
Work package	WP8 - Communication, dissemination and exploitation including policy recommendations		
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Version	V5.0		

DISSEMINATION LEVEL

Please select only one option according to the GA			
☒	PU: Public	☐	PP: Restricted to other program participants
☐	RE: Restricted to a group specified by the consortium	☐	CO: Confidential, only for members of the consortium

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V5.0	16/12/2022	Rouven Besters (NSE)	Final Version

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LIST OF ABBREVIATIONS

Abbreviation	Definition
AI	Artificial Intelligence
CCs	Chronic Conditions
CIAOTECH	Ciaotech srl
MTU (CIT)	Munster Technological University (Cork Institute of Technology)
CNR	Consiglio Nazionale delle Ricerche
EC	European Commission
IPR	Intellectual Property Rights
IR	Intangible result
Melanoma Assoc.	Melanomforeningen
NCDs	Non-communicable Diseases
NETSUN	Netsun Software srl
NSE	Norwegian Centre for E-health Research
PO	Project Officer
SMEs	Small and Medium Enterprises
TR	Tangible result
UiO	University of Oslo
UiT	The Artic University of Norway
ULPGC	Universidad de Las Palmas de Gran Canaria
UMFCD	University of Medicine and Pharmacy Carol Davila
URJC	Universidad Rey Juan Carlos
WHO	World Health Organization
WP	Work package

1   INTRODUCTION

This deliverable deals with all the activities planned and implemented up to December 2022 (M24) for the project to communicate, disseminate and exploit the WARIFA objectives and results.

The document includes a description of the communication and dissemination channels and tools currently adopted and that are being used during the project lifetime to convey the WARIFA project objectives and disclose future results. Furthermore, the document includes a description of the strategy to reach the different stakeholders identified, detailed described in deliverable D8.3 Stakeholder Analysis, submitted in M3.

The key point is to make sure that the project's messages and outcomes are communicated and disseminated to the appropriate target stakeholders, at appropriate times, with an appropriate methodology. Thus, the document explains the communication materials that has been realized to create the project visual identity, promotion materials, online engagement with stakeholders, media activity, and technical dissemination.

This plan includes the initiatives related to project duration and is also considered as a guide to support the consortium to carry out the dissemination and communication activities using the correct material and channels. For this reason, the deliverable will be regularly updated based on the project's evolution and newly acquired knowledge that will allow the adding of new dissemination opportunities.

Finally, this deliverable will contain information related to the plan for the exploitation activities that partners will adopt to spread and maximize the results reached through the WARIFA project.

1.1   CONTEXT AND SCOPE OF THIS DELIVERABLE

The Plan for the communication, dissemination and exploitation of the results constitutes the common Consortium Strategy towards efficient and measurable communication and dissemination actions generated as result of project execution. The main aim of the Communication and Dissemination Plan is:

(a) To inform and engage with relevant stakeholders and selected target groups about activities and results of the project. Whenever possible, a two-way communication approach will be used with stakeholders
(b) To raise awareness about the project itself and project results
(c) To share and align the knowledge developed in the initiative with different stakeholders, including scientific community, patients and practicians associations, European Networks and Associated Partners and other (EU-) funded projects.

The plan will be regularly updated to be able to respond to new opportunities.

The purpose of the Communication and Dissemination Plan is to define in detail:

(a) The communication and dissemination strategies adopted
(b) The available communication and dissemination channels and tools
(c) The major stakeholders and targets groups to focus on, under task 8.1 in collaboration with the consortium

(d) A planning and timing of the dissemination activities

(e) Guidelines and templates for partners to disseminate and communicate about the project results.

The dissemination plan will be tailored for each target group to optimize its effectiveness. It must be emphasized that dissemination is a continuous process and it will last for the entire project duration. The dissemination plan will additionally provide advice on future dissemination activities.

1.2 WARIFA PROJECT PRESENTATION

For the presentation of the project, four main aspects have been taken into account: a brief explanation of the project, its focus areas, main objectives, and the expected impacts.

The Project

The WARIFA project will develop a prototype of a combined risk assessment tool that will provide individuals with personalized recommendations for the prevention of chronic conditions - such as cardiovascular diseases (CVD), cancer, skin cancer (melanoma), chronic obstructive pulmonary disease (COPD), and diabetes. These diseases represent the leading causes of premature death in the European Union and Norway. WARIFA will be available to individuals via a user-friendly app on their smartphone. WARIFA uses artificial intelligence (AI), analysis of user-generated and big data to provide a personalized set of recommendations on lifestyle factors according to the risk scores of each individual. Users are motivated to continue with healthy habits and change unhealthy lifestyle habits. In addition, for patients with type 1 diabetes, the WARIFA app will facilitate the management of the disease to prevent complications. All the individuals will get personal feedback.

Focus Areas

WARIFA has its focus on the prevention of the chronic conditions cardiovascular diseases (CVD), cancer, skin cancer (melanoma), chronic obstructive pulmonary disease (COPD), diabetes, and complications of diabetes. This is achieved by providing individuals with personalized recommendations that help to improve lifestyle habits, such as excessive sun exposure, unhealthy diet, alcohol and tobacco use, and physical inactivity. WARIFA will contribute to health promotion and disease prevention. This will decrease the burden on health care systems and expenditures.

Main objectives

The main objectives of the WARIFA project are to:

- Develop a technical prototype of a comprehensive AI-based system to provide person-centered combined early risk assessment for multiple NCDs. The main components of the system will be in place on a central server which individual citizens and patients can access on their smartphone via the WARIFA tool. The integrated risk assessment enables the system to provide and improve access to preventive care within the healthcare system. The prototype of the AI-based WARIFA tool will collect ubiquitous data (i.e., both user-generated data and available public data) that will be used to assess the combined risk of multiple NCDs. The combined risk assessment enables the creation of a personalized set of recommendations on lifestyle and health education information, as well as facilitating risk-based access to preventive care within the healthcare system.

- Gain knowledge on how the WARIFA prototype may be used for early risk assessment and monitoring, and prevention interventions in individual citizens, especially in vulnerable, high-risk, or "hard to reach" population subgroups. Various user groups may require specially adapted front-ends to take into account different levels of health literacy and user preferences.

- Provide a framework for future health intervention strategies based on AI and big data technologies. This framework would integrate the WARIFA prototype with current smartphone health apps to generate and monitor community risk profiles and inform the design of largescale public health interventions.

Impact

AI-based combined early risk assessment can empower citizens to adopt healthier habits and a better lifestyle by providing personalised recommendations on how to change their risk behaviour. The benefits of early risk assessment, prevention and intervention will be evident both at individual and at health care system level.

At individual level, citizens will be supported in improving by at least 20% each risk factor by increasing the level of physical activity; reducing sun exposure (sunburns and hours spent in direct sunlight; frequency of sunscreens application); or reducing the number of hypoglycaemic events and consequently of the related acute admissions in the health care system.

Table 1 WARIFA Qualitative outcomes for citizens and stakeholders.

Outcomes	Citizen	Healthcare System	Society (with focus on vulnerable groups)
Health literacy	x	x	x
Self-efficacy	x		
User satisfaction	x	x	
Empowerment	x	x	x
Intention to use AI system in the future	x	x	
General attitude to AI technology	x	x	x
Adverse events (anxiety, privacy concerns, etc.)	x	x	x

At the health care level, WARIFA will contribute to the early diagnosis of noncommunicable diseases by promoting early identification of risks, thereby increasing the probability of positive disease outcomes. Additionally, WARIFA will provide clinicians with an overview of high-risk behaviours enabling a more rapid assessment and monitoring of the patient, thus, making counselling more personalized and efficient. Regarding the organisational structures, WARIFA will help clinicians improve efficiency and resource utilization by reducing the number of consultations for risk assessment.

WARIFA will be based both on user-generated data, manually inserted by the citizens, and ubiquitous data All data management in WARIFA will comply with data protection, privacy and security rules and principles established by national and European legislation.

1.3   RELATIONSHIP WITH OTHER TASKS

The activities that will be carried out within Task 8.2 Dissemination activities and Task 8.3 Exploitation activities are related to Task 8.1 Stakeholders analysis and Task 8.4 Policy recommendations:

(a) *Task 8.1 Stakeholders analysis* (CIAOTECH): The stakeholders analysis has identified the most important stakeholders of the WARIFA solution(s) and assessed their position towards the project's results to set up engagement strategies. The partners jointly brainstormed about relevant stakeholder groups for WARIFA. A thorough mapping of the relevant stakeholders for WARIFA has been made, starting from the networks of contacts of the partners and enlarging to other networks or specific groups at EU level. Also recently funded EU-projects have been assessed to find similarities with WARIFA.

All stakeholders have been invited to participate in an online survey, which has been designed to measure stakeholder characteristics, e.g., their interest, attitude, influence and knowledge relevant for the project. Based on the outcome of the survey, more targeted dissemination and exploitation actions can be implemented and relationships can be built with key stakeholders of the project

(b) *Task 8.4 Policy recommendations* (NSE): A policy recommendation will be developed. The purpose with the policy document is to inform the decision maker and the authorities, of the policy options from the WARIFA-project that are evidence based and robust, and how they will achieve the desired result in various scenarios. The policy document will be brief, with professional but not to technical language. The target audience will be the governments in the Europeans countries, their Ministries of Health, as well as the World Health Organization (WHO). WHO will be contacted through the Norwegian Centre for E-health Research (NSE), as NSE is a WHO Collaborating Centre for Telemedicine and e-health.

Moreover, Dissemination and exploitation activities are strictly connected with the activities developed in all WPs.

2 WARIFA Approach to Communication and Dissemination

In this section the approach taken for communication and dissemination purposes will be explained, including the stakeholders that will be targeted, the channels and tools that will be exploited. However, since the document is envisaged as a guide for the consortium partners, the section will begin with an overview of definitions and obligations, partners' responsibilities, and how to display the EU Acknowledgement to funding.

2.1 OBLIGATIONS AND DEFINITIONS

As detailed within the grant agreement (Art. 29), unless it goes against their legitimate interests, the WARIFA partners, must — as soon as possible — 'disseminate' their results by disclosing them to the public by appropriate means (other than those resulting from protecting or exploiting the results), including in scientific publications (in any medium) where:

- *Dissemination* is defined as: 'the public disclosure of the results by any appropriate means (other than resulting from protecting or exploiting the results), including by scientific publications in any medium.

- *Results* are defined as: any tangible or intangible output of the action, such as data, knowledge and information whatever their form or nature, whether or not they can be protected, which are generated in the action as well as any attached rights, including intellectual property rights.

In the grant agreement (Art. 38), it is also stated that the beneficiaries must promote the action and its results, by providing targeted information to multiple audiences (including the media and the public) in a strategic and effective manner.

- *Communication* is defined by the European Commission as - a strategically planned process that starts at the outset of the action and continues throughout its entire lifetime, aimed at promoting the action and its results. It requires strategic and targeted measures for communicating about (i) the action and (ii) its results to a multitude of audiences, including the media and the public and possibly engaging in a two-way exchange.

With this in mind, communication about European research projects should aim to demonstrate the ways in which research and innovation are contributing to an European 'Innovation Union' and account for public spending by providing tangible proof that collaborative research adds value by:

- showing how European collaboration has achieved more than would have otherwise been possible, notably in achieving scientific excellence, contributing to competitiveness and solving societal challenges

- showing how the outcomes are relevant to our everyday lives, by creating jobs, introducing novel technologies or making our lives more comfortable in other ways

- making better use of the results, by making sure they are taken up by decision-makers to influence policy-making and by industry and the scientific community to ensure a follow-up.

2.2 COMMUNICATION AND ACKNOWLEDGEMENT OF EU FUNDING

As stated in the grant agreement, any dissemination of results (in any form, including electronic) must be compliant to the usage of the EU logo and the rules concerning the acknowledgement of EU funding. Therefore, the WARIFA partners will provide dissemination material that

- displays the correct EU emblem (Figure 1) and

- includes the following text:

"This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 101017385".

Partners are aware that when displayed together with another logo, the EU emblem must have appropriate prominence. The typeface to be used in conjunction with the EU emblem can be any of the following: Arial, Calibri, Garamond, Trebuchet, Tahoma, or Verdana.

Figure 1 The EU Emblem to use in dissemination / communication activities.

2.3 DISCLAIMER EXCLUDING AGENCY RESPONSIBILITY

Any dissemination of results must indicate that these only reflect the author's view and that the European Commission is not responsible for any use that may be made of the information it contains.

2.4 OPEN ACCESS TO SCIENTIFIC PUBLICATIONS

In line with the EC policies, the appropriate measures to grant open access to all scientific publications resulting from WARIFA will be adopted by the consortium.

Each beneficiary must ensure open access (online access for any user, free of charge) to all peer-reviewed scientific publications relating to their results. The consortium has already identified journals that comply with the open access policy. Also, publication fees have been included in the budget to ensure that all requirements of the European Union regarding open access publishing are met.

Whenever possible, publication of scientific results will primarily use gold open access channels, that is channels where the articles are immediately published in open access mode. This will enable a dissemination of important results in a timely manner. As e-health innovations generally are prone to be outdated after few years, a fast publication of results is essential to inform the research communities and businesses about the latest developments.

The WARIFA project website will serve as a platform to enable open access to the project outputs.

2.5 PARTNERS' RESPONSIBILITIES

The strategy foresees to actively involve all the partners. The partner responsible for dissemination (CIAOTECH) and the project coordinator (NSE) are working to ensure proper information to support the full communication of the project results. Together they will make sure that the project results' disclosure and the external feedback implementation methodologies are adapted to each situation (type of audience, geographical scope, type of result, IP protection and innovation strategy).

All consortium partners play an important role in this WP and are committed to disseminate the knowledge created in the project to key audiences the sectors of interest. Partners are contacted to define and execute communication and dissemination efforts in order to provide a structured and dynamic approach to the communication of project results.

Examples of actions that each partner will undertake (but not limited to):

- Giving visibility to the WARIFA project on their corporate websites or communication channels

- Share project news / press releases / newsletters with relevant contacts

- Share news relevant to the goals and issues of WARIFA

- Organise and participate to relevant events to present the WARIFA project results

- Contribute with input on the technical progress (i.e., for drafting newsletters, news for the website and/or social networks, press releases etc.)

- Report on the dissemination and communication activities performed.

2.6 METHODOLOGY AND OBJECTIVES

Communication and dissemination activities play a key role within the WARIFA project to foster impact, both within the duration of its EC funded lifecycle as well as after the end of the project. As further explained below, the main goals of dissemination are to share knowledge, raise awareness of the project's results and to stimulate their uptake. Only by reaching the relevant stakeholders throughout Europe with the right message, the project will be successful.

To this end a defined communication and dissemination methodology is needed. The guiding principles to pursue include maintaining an ambitious and cohesive vision, while ensuring value to be delivered in an effective and efficient way building up on a strong and cohesive teamwork. This will be achieved by ensuring on the one hand continuity with several selected activities that the partners will carry out, and, on the other, by providing a cohesive plan of action in which a variety of powerful instruments will stimulate impact and engagement.

First, consortium members clearly understand that for having a powerful dissemination or communication action it is necessary to deeply analyse the target audience of every initiative.

Therefore, one of the initial activities of the project is to define the characteristics, needs and expectations of each stakeholder typology, potentially interested in project results, in detail.

Taking into account this first identification, the strategy is as follows:

Table 2: D&C strategy and status of achievements

Year	Objective	Status
Year 1	Raise awareness about the project, the application of AI in the e-health sector, and creating expectations among Stakeholders, including clinicians, and citizens. Moreover, the consortium will meet the needs and concerns of the stakeholders.	Partly completed
Year 2 and 3	Address real needs and concerns with specific results and communication among stakeholders and share the specific outcomes of the project among scientific community and industry.	Partly completed
Year 4	Share the specific project results and their potential exploitation.	Partly completed

There are several main objectives linked to this Dissemination and Communication Plan:

Communication objectives:

- To communicate the WARIFA objectives in a popularized way towards the end users of AI (i.e., citizens, patients and clinicians), by ensuring maximum visibility of the project, facing the common scepticism towards AI in healthcare settings. The aim, thus, will be to increase the understanding of how AI works in general, but in particular to demonstrate the potential benefits of the new WARIFA tool.

- To communicate in a more specific way to the Health policy makers to increase the understanding of the potential benefits of AI for society, especially regarding new health care pathways, increased health literacy and the economic implications for European IT businesses engaging in the development of AI products.

- To raise awareness and interest for the proposed innovative AI solutions towards the industry – especially SMEs - by underlying that AI and how AI products need to be designed and evaluated before their implementation in order to increase their economic potential.

Dissemination objectives:

- To share, exchange and align the knowledge developed in the initiative with stakeholders

- The transfer of knowledge and results to those who could best make use of it

- To maximize the impact of research, by increasing awareness of the potential benefits of AI in healthcare

- To stimulate the uptake of the project results by the concerned stakeholders.

2.7 COMMUNICATION AND DISSEMINATION STRATEGIES

The communication and dissemination strategies adopted in the WARIFA project are based on the following:

(a) Creating the visual identity of the project through the design of the project logo and the definition of the graphical instructions for all the communication instruments, including the web site, flyers, and other documents.

(b) The Project Website (see paragraph 3.2) as the main mean of communication and dissemination and interaction with the public, with key information, project news and results available but also scientific publications, results, public deliverables, as well as other public reports that the project may decide to produce.

(c) Dissemination through European Networks and Associated Partners: the project consortium will use partners' communication channels with umbrella organisations, European Networks and Associated Partners to establish close relationships with other organisations & projects covering similar problems within EU-funded or national programs.

(d) Promotion of project outcomes at international conferences andevents.

(e) Media & press: media and press are crucial channels to diffuse information about the project to a wide range of stakeholders and the general public, also at local level. These channels involve: newspapers, magazines (digital/print), press releases, radio stations and television channels.

(f) Presence in social networks (LinkedIn, Twitter – see paragraph 3.3).

In order to protect the knowledge developed in the framework of the WARIFA project, the consortium agreed that all dissemination activities should follow a number of important principles:

- To respect the Intellectual Property Rights (IPR) of all partners

- To recognize and respect the work of all partners by ensuring the proper reference of all relevant partners whose work is directly or indirectly mentioned in the proposed publication

- To duly protect confidential results

- To set clear criteria to distinguish between results suitable for dissemination and exploitable results

2.8 ACTIONS INCLUDED

The Actions included in the strategies are:
- Design of the WARIFA brand and visual identity (e.g., logo, colours, pictures.)

- Realisation of the publicity materials: brochures, template for project documents, power point presentations, newsletters, etc.

- Stakeholders analysis to build awareness around project initiatives and valorise project results

- Scientific and technical paper publications

- Participation in important events such as scientific conferences, seminars, workshops, trade fairs and exhibitions

- Synergies with other projects and initiatives

- Publications of results (e.g., scientific publications, articles, conference proceedings, high-level international journals, magazines).

2.9 DISSEMINATION AND COMMUNICATION CHANNELS

The main dissemination and communication channels that are being used by the WARIFA consortium are listed in Table 2. The number of users/followers for each of the platform mentioned has been updated on December 12th, 2022.

Table 3 Dissemination and Communication Channels.

Channels	Link	Number of users/followers
WARIFA website	https://www.warifa.eu/	na
LinkedIn WARIFA account	www.linkedin.com/in/warifa-project-b3642b207	18
LinkedIn WARIFA company page	https://www.linkedin.com/company/warifa-project/	84
Twitter WARIFA account	@ProjectWarifa https://twitter.com/ProjectWarifa	71
Facebook WARIFA account	https://www.facebook.com/ProjectWarifa/	10
LinkedIn Innovation Place group	https://www.linkedin.com/groups/4086674/	936
LinkedIn Innovation Place company page	https://www.linkedin.com/company/innovation-place	1156
LinkedIn PNO EUROPE company page	https://www.linkedin.com/company/pno-consultants-europe/	4358
Twitter INNOVATION PLACE	@INNOVATION_PL https://twitter.com/innovation_pl	515
Twitter CIAOTECH	@PNO_IT https://twitter.com/PNO_IT	248
LinkedIn CIAOTECH	https://www.linkedin.com/company/24645351/admin/	569
CIAOTECH corporate website	https://www.pnoconsultants.com/it/	/

Institute of Basic Medical Sciences, UiO	https://www.med.uio.no/imb/	/
Twitter Faculty of Medicine, UiO	@UniOslo_Med https://twitter.com/UniOslo_MED	4731
Twitter Oslo Centre for Biostatistics and Epidemiology, UiO	@OCBE_UniOslo https://twitter.com/OCBE_UniOslo	1147
Norwegian Centre for E-health Research: FACEBOOK	https://www.facebook.com/ehelseforskning	2323
Norwegian Centre for E-health Research: LINKEDIN	https://www.linkedin.com/company/ehealthresearch	2118
Norwegian Centre for E-health Research: TWITTER	@ehealthNORWAY	1352
Norwegian Centre for E-health Research: INSTAGRAM	@ehealthnorway	647
SESCS Corporate Website	http://funcanis.es/	NA
SESCS LinkedIn Account	https://www.linkedin.com/company/475934/	763
SESCS Twitter Account	@_SESCS_	648
SESCS Facebook Account	https://www.facebook.com/SESCS2018/	318
Twitter account for UiT	@UiTromso	12100
LinkedIn account for UiT	UiT- The Arctic University of Norway https://www.linkedin.com/school/uit-the-arctic-university-of-norway/	31515
Facebook account for UiT	@UniTromso https://www.facebook.com/UniTromso	35809
Website for UiT	Native: www.uit.no In English: https://en.uit.no/startsida	/
Instagram UiT	uitnorgesarktiske	9032
Facebook account for Institute for Informatics (IFI -.UiT)	https://www.facebook.com/uitinformatikk	379
Instagram for Institute for Informatics (IFI -.UiT)	uitinformatikk	164
Website for Institute for Informatics (IFI -.UiT)	https://uit.no/enhet/ifi English: https://en.uit.no/enhet/ifi	/
ULPGC Website	https://www.ulpgc.es/	/

ULPGC Research Website	https://www.research.ulpgc.es/	/
IUMA Website	http://www.iuma.ulpgc.es/	/
iUIBS Website	https://www.iuibs.ulpgc.es/	/
LinkedIn ULPGC account	https://www.linkedin.com/school/universidad-de-las-palmas-de-gran-canaria/mycompany/	49059
Twitter IUMA account	@IUMAnews https://twitter.com/iumanews	275
Twitter ULPGC Research Account	@ulpgcresearch https://twitter.com/ulpgcresearch	1293
Twitter ULPGC account	@ULPGC https://twitter.com/ULPGC	51600
Facebook IUMA Account	@IUMA.ulpgc https://www.facebook.com/IUMA.ulpgc	136
Facebook IUIBS Account	@IUIBS https://www.facebook.com/IUIBS	1124
Facebook ULPGC Research Account	@ulpgcresearch https://www.facebook.com/ulpgcresearch	592
Facebook ULPGC Account	@ULPGC https://www.facebook.com/ULPGC	19,165
LinkedIn LERO account	https://www.linkedin.com/company/lero-centre	1146
Twitter LERO account	https://twitter.com/LeroNews	2161
NETSUN SOFTWARE website	https://netsun.ro/	1000 per month
Facebook IAC account	@ist.applicazionidelcalcolo	410
Instagram IAC account	@cnr.iac	164
Twitter IAC account	@CNRIAC	168
IAC website	www.iac.cnr.it	/

Melanomforeningen website	http://www.melanom.no/	
Melanomforeningen facebookpage	https://www.facebook.com/foflekkreftforeningen/	3489
Twitter URJC account	@URJCHorizon2020 https://twitter.com/urjchorizon2020?lang=en	1071
URJC website	www.urjc.es	
URJC linkedIn	https://www.linkedin.com/school/universidad-rey-juan-carlos/mycompany/	135375
MTU Website	https://www.mtu.ie/news	/
LinkedIn MTU Account	https://www.linkedin.com/school/munster-technological-university/mycompany/	64354
Twitter MTU account	@MTU_ie https://twitter.com/MTU_ie	2834
Twitter MTU account (Cork Campus)	MTU Cork Campus - @MTU_Cork https://twitter.com/MTU_Cork	16,6K
Facebook MTU account (Cork Campus)	https://www.facebook.com/myMTU	2108

The partner responsible for dissemination (**CIAOTECH**) has a longstanding experience in supporting dissemination and communication of research and innovation projects' results, performing activities either as a full partner or as a subcontractor of public funded projects. Here is a description of its own channels available for project dissemination purposes:

- **InnovationPlace** is an online service supporting organisations to achieve their strategic R&D objectives through the matching and managing of R&D projects, organisations and grants. InnovationPlace is based on the Open Innovation paradigm, with the active involvement of industry leaders, multinational organisations, high-level research centres, public bodies and innovative SMEs all around Europe. During the last years the number of users registered in the web platform has drastically increased (Figure 2).

- **Ricerca & Innovazione** is the Italian Open Innovation platform that supports collaborative research through the successful combination of research and development projects, excellent European organizations and the most important public funding opportunities at European, national and regional level (Figure 3).

- Its own accounts on the world's most famous social networks: **LinkedIn** (Figure 4) and **Twitter** (Figure 5 and 6).

Figure 2 WARIFA in Innovation Place by CIAOTECH.

Figure 3 WARIFA in Ricerca & Innovazione by CIAOTECH.
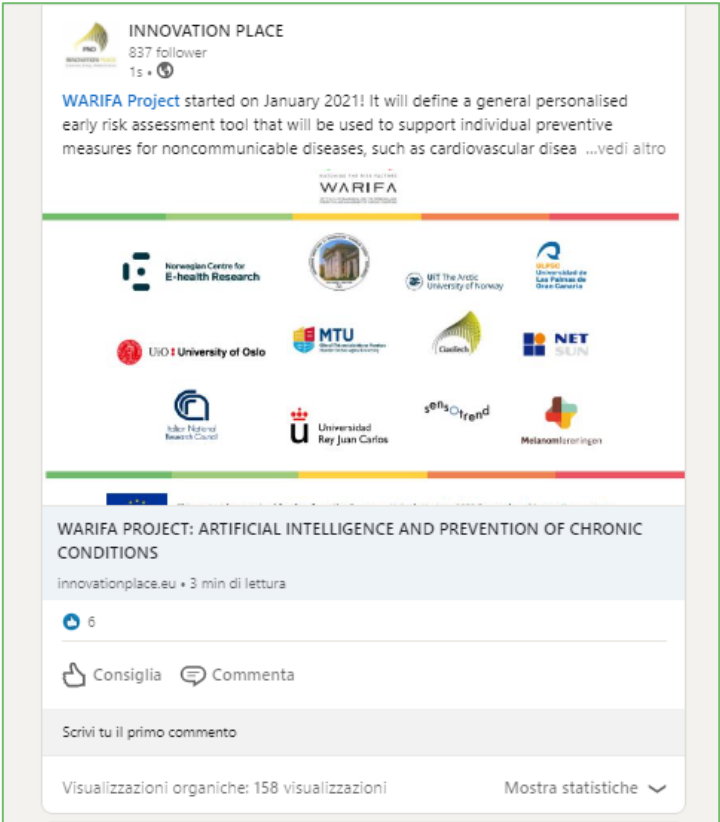
Figure 4 WARIFA on Innovation Place's LinkedIn.

Figure 5 WARIFA on Innovation Place's Twitter account.
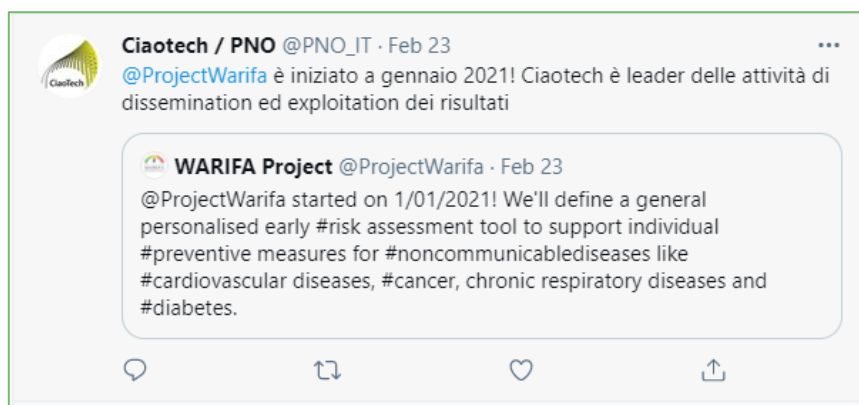
Figure 6 WARIFA on CIAOTECH Twitter account.

2.10 WARIFA STAKEHOLDERS

The main target groups that are being addressed during the WARIFA project were identified as those actors who are directly/indirectly involved with the targeted Non-communicable Diseases (NCDs) and Chronic Conditions (CCs).

1. **Potential end-users** are a key target for the WARIFA project as they represent the potential early adopters and customers segment of the proposed solution and thus the most interested in the development and outcomes of the project. Discovering and understanding their real needs and concerns is one of the keys for the success of the WARIFA project. In this category, the following sub-categories can be identified:
   a. **Healthy citizens (>18 years old)**: Individuals who feel healthy and are unaware of any risk of a NCD or CCs.
   b. **Patients**: Individuals who have been diagnosed with a NCD or CCs. They may be unaware of any risk of getting another issue.
   c. **Carers/Families:** individuals who care for patients but have not medical expertise. They may play an important role in supporting patients who are reluctant to using AI technology.
   d. **Healthcare professionals**: Clinicians, e.g., doctors and nurses, who care for patients. They need to be informed on the benefits of automatic data processing on their work.
2. **General public**: Society as a whole is one of the stakeholders that will be taken into account. Many aspects can spark the interest of the public, if they are spread using a suitable language and the appropriate media channels.
3. **E-health service providers (e.g., SMEs):** In order for industrial partners to transform scientific project results into technologically innovative products for the market, they need to be convinced about the feasibility of the project and market readiness. As an example, the consortium will take part in fairs and international events where SMEs are present. WARIFA will focus on IT companies interested in e-health services.
4. **Scientific community**: All available means, both online and offline, such as scientific publications in peer-reviewed journals and presentations in scientific conferences, will be used to keep the scientific community updated on the advance and results of the project.

5. **Policy makers and Public health authorities at local, national and EU level**: the consortium will introduce WARIFA to these actors in related events. They represent also citizens.

6. **Users advocates**: They are patients organizations and associations of the selected NCDs (at national and EU level).

As written, the success of the WARIFA dissemination is based on reaching the relevant stakeholders with the right message. The different stakeholder groups have different interests, agendas and even 'speak different languages'. Therefore, it is important that dissemination and communication activities are tailored to each group, by using different dissemination channels and materials, and conveying the project messages in the most appropriate manner. The following Table 3 shows the most effective dissemination tools and channels to be used for each group.

Table 4 WARIFA stakeholders.

WHO: Target group	WHY: objective	WHAT: key messages	HOW: DCE material and tools	HOW: DCE channels	WHEN
Potential end-users – citizens, patients and Users Advocates	-Raising awareness about the project in general terms - Informing about the WARIFA functionalities - informing about the advantages of AI for their health	- the importance of monitor/assess risks factors - emphasize the personal approach - Easy to use - security in terms of privacy and data protection	-WARIFA website - News/newsletters -WARIFA paper and electronic brochure -Participations to events (trade fairs etc)	Popularized Publications, media presence -International events -WARIFA website -Social network: LinkedIn, twitter -Partners communication channels (see Table 2)	All project duration more intensive and specific activities around in correspondence of specific milestones reached or activity (i.e. events)
Potential end-users – Healthcare professionals	-Raising awareness about the project in general terms - Informing about the WARIFA functionalities - informing about the advantages of AI for their work	- AI is a useful tool for their work - patients' health data available, also in real time - more tailored assistance to their patients - possibility to identify risks, diseases, issues, early - reducing economic costs on the healthcare system - Easy to use - security in terms of privacy and data protection	-WARIFA website - News/newsletters -WARIFA paper and electronic brochure -Participations to events (trade fairs etc)	Peer reviewed - Publications, media presence -International events -WARIFA website -Social network: LinkedIn, twitter -Partners communication channels	All project duration more intensive and specific activities around in correspondence of specific milestones reached or activity (i.e. events)
General Public	-Raising awareness about the project in general terms - Informing about the WARIFA functionalities - informing about the advantages of AI for their health	- the importance of monitor/assess risks factors - emphasize the personal approach - Easy to use - security in terms of privacy and data protection	-WARIFA website - News/newsletters -WARIFA paper and electronic brochure -Participations to events (trade fairs etc)	-No-peer reviewed -Publications, media presence -International events -WARIFA website -Social network: LinkedIn, twitter -Partners communication channels	All project duration more intensive and specific activities around in correspondence of specific milestones reached or

					activity (i.e. events)
E-health service providers (e.g., SMEs):	- Raising awareness about the project in general terms - enabling the market uptake	- feasibility of the project - market readiness - profitability and economic impact	-WARIFA website -News/newsletters -WARIFA paper and electronic brochure -Participations to events (trade fairs etc) -Partner's contacts/database	-No-peer reviewed Publications, media presence -International events -WARIFA website Social network: LinkedIn, twitter -Partners communication channels -Direct contacts/emails	All project duration more intensive and specific activities around in corresponden ce of specific milestones reached or activity (i.e. events)
Scientific community	-Raising awareness about the project in general terms - Share the knowledge and results	- inform about AI for clinical and person-centred decision support	-WARIFA website -News/newsletters -WARIFA paper and electronic brochure -Communication in scientific conferences (oral presentations, posters) -Scientific Publications	- Peer reviewed -International events -Invitation to WARIFA events -WARIFA website -Social network: LinkedIn, twitter -Partners communication channels -Direct contacts/emails	All project duration more intensive and specific activities around in corresponden ce of specific milestones reached or activity (i.e. events)
Policy makers and E Public health authorities	-Raising awareness about the project in general terms - Informing about the WARIFA functionalities - informing about the advantages of AI in the healthcare system - benefits for European health care system	- AI is a useful tool in hospitals and general practitioners' work - more tailored assistance to their patients - possibility to identify risks, diseases, issues, early - less pressure on the healthcare system - reducing economic costs on the healthcare system - security in terms of privacy and data protection - great amount of health data available	-WARIFA website News/newsletters -WARIFA paper and electronic brochure -Participations to events (trade fairs etc, international conferences) -Organisation of WARIFA events -Partner's contacts/database	-International events, - Invitation to - WARIFA events - WARIFA website -Social network: LinkedIn, twitter - Partners communication channels - Direct contacts/emails	All project duration more intensive when results are available

Keeping this in mind, the communication and dissemination activities implemented in the frame of WARIFA were also steered in accordance with the achievements and outcomes of Task 8.1 – Stakeholders Analysis to better reach clinical and medical audience too (Primary Care Providers, Users Advocates, Healthcare professionals). For more information, refer to deliverable D8.3.

3 COMMUNICATION AND DISSEMINATION TOOLS

Several dissemination materials and tools are being and will be produced throughout the entire course of the project. The dissemination materials are realised according to different communication needs, to various event typologies and to follow the project evolution and results.

The following paragraphs display a schematic overview of the communication and dissemination tools currently realised and to be realised in the future. Moreover, the sections provide partners with guidelines to properly and efficiently use each tool identified. The ultimate aim is to help partners make the most of their communication efforts.

3.1 VISUAL IDENTITY: LOGO AND PROJECT TEMPLATES

The dissemination of the project starts with the project visibility. The project identity is linked with a consistent representation of the WARIFA logo on project materials and tools. An attractive graphical representation helps to provide interested parties with the message that the project is disseminating. The logo has the capability to make the project recognizable as it defines its identity for its whole duration. It's used in every document produced within the project context and in every kind of contact to the external environment.

It's necessary that every event, presentation, newsletter, deliverable, brochure, poster, etc. makes use of this image and is consistent with its style.

For this reason, a first graphical logo (Figure 7) has been realised during the application phase with the main intention to remember the name of the project in one hand and the main project goal on the other hand.

Figure 7 First WARIFA logo.

However, at the beginning of the project activities the consortium decided to create a most effective graphic layout which will be used in all the dissemination kit material. Starting from the original logo and based on collected partners' inputs about colours and concept ideas, CIAOTECH realised several ideas which have been evaluated by partners. In particular, 13 logo templates were presented by CIAOTECH to all partners during the Kick-off Meeting (1-2 February 2021) and a poll via Google Docs was opened in order to collect partners' preferences about the proposed logos and the original one during the meeting.

The final logo was decided at the end the kick-off meeting and is the one presented hereunder (Figure 8).

Figure 8 WARIFA logo.

Together with the logo, the relative Style Guide has been drafted and shared with the partners.
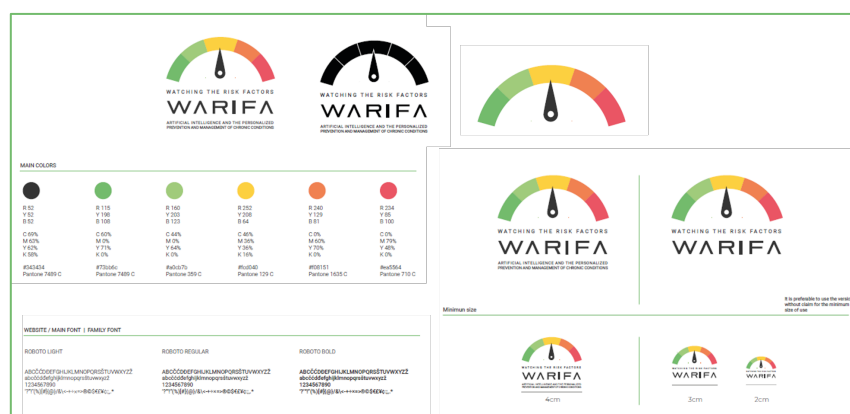
Figure 9 WARIFA Style Guide.

To ensure a consistent style and image of the WARIFA project a word template for deliverables and project documents have been produced, as well as a standardized PowerPoint template has been designed (Figure 10) to be used to present the project in external events or project meetings:
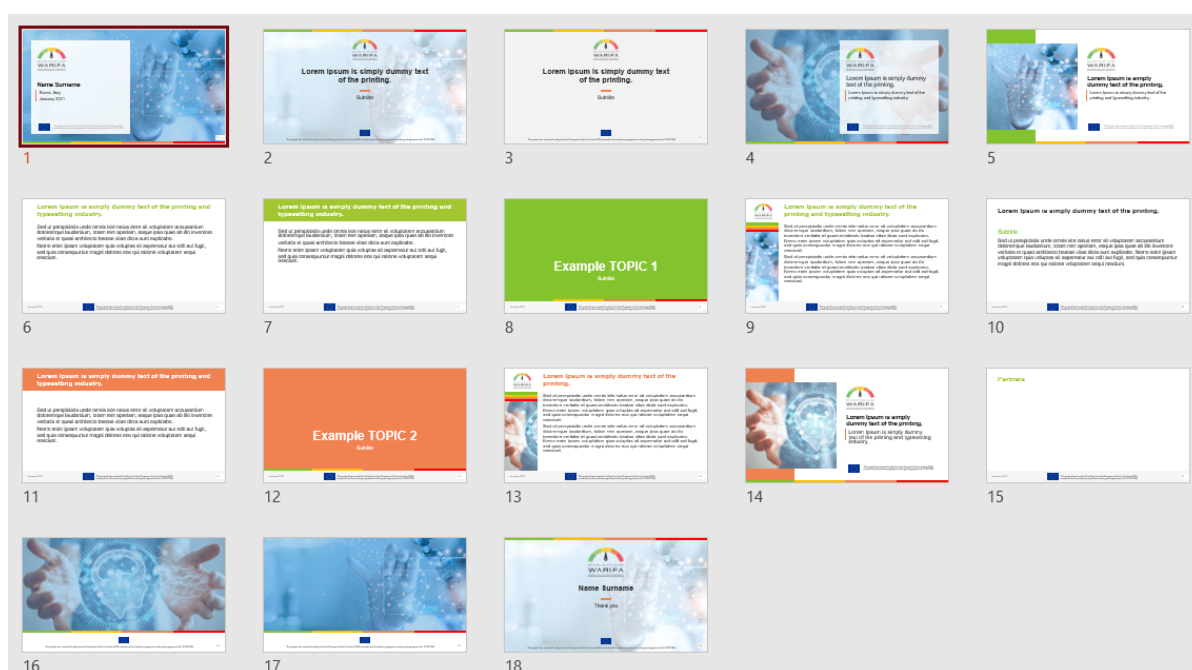
Figure 10 WARIFA template for presentations

3.2 WARIFA PROJECT WEBSITE
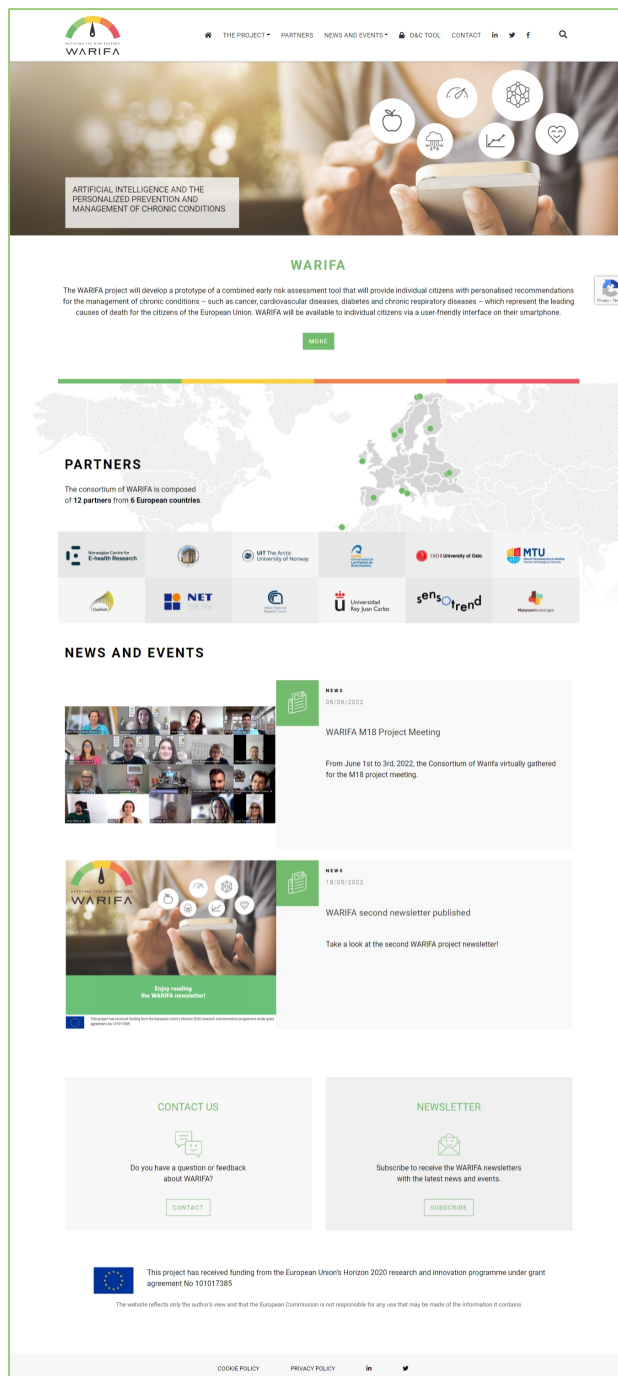
Figure 11: WARIFA project website homepage

The WARIFA website has been launched in June 2021 (M6), and it is available in English through the following link: https://www.warifa.eu/. The website has been conceived as the main tool for communication and dissemination to:

- inform all stakeholders and general public about the aim and objectives of WARIFA and keep the audience updated on the progresses of the project;
- disseminate project's activities and initiatives;
- collect, store and distribute information and materials;
- invite external sources to interact to build and to facilitate business development activities.

The website structure includes:
- **The project**:
- WARIFA,
- Work Package,
- Milestones,
- Deliverables and Publications,
- Media Kit.
- **Partners**.
- **News & Events**:
- News & Events,
- Media,
- Newsletter,
- Press Release.
- **D&C Tool**.
- **Contact**.

From the homepage it is possible to be redirected to the Social Media Accounts of the project (LinkedIn, Facebook and Twitter).

At the bottom of the page, two sections dedicated to the subscription to the project newsletter and the contact us are displayed.

The 'News & Events' section of the website are being periodically updated in order to provide insights on the status of the project (news related to project meetings, participation in events, publications of WARIFA related materials) and to inform all project partners about relevant events they might join to present the project, as shown in the following image:

Figure 12: News & Event page on WARIFA website

Additionally, the "D&C Tool" is provided on the WARIFA project website: the Dissemination and Communication Report developed by CTECH to collect inputs from the consortium about the communication and dissemination activities performed in the frame of the project in a more efficient and effective way. This is a private section of the website, available only to the consortium from the main menu and/or the following link: https://www.warifa.eu/dc-tool/.

Figure 13: WARIFA D&C Tool

As discussed among the partners, this tool won't be used to gather the communication and dissemination actions performed within WARIFA, as also explained in chapter 4.

3.3 SOCIAL MEDIA

In order to increase the project visibility and implement an effective dissemination strategy, WARIFA accounts have been created on the following social networks:

- LinkedIn: company page https://www.linkedin.com/company/warifa-project/ and project profile www.linkedin.com/in/warifa-project-b3642b207

- Twitter (Figure 13): https://twitter.com/ProjectWarifa

- Facebook: https://www.facebook.com/ProjectWarifa/

LinkedIn is the most popular social network for business and employment and it is mainly used for professional networking, also at policy makers level. For these reasons, the WARIFA consortium decided to consider this social network to be an efficient instrument to disseminate its results. In particular, it will be used to create a network with stakeholders, EU Platforms, industry, medical associations and other EU funded projects in the same domain. Therefore, WARIFA project will be connected with the relevant EU institutions and stakeholders accounts, as well as joining discussion groups of potential interest. The 2 posts published up to M3 reached 558 and 898 views respectively, with 12 and 23 reactions registered.

Twitter is an online news and social networking service where users post and interact with messages, "tweets," restricted to 280 characters. Thanks to some intrinsic characteristics of this medium, it is easy to increase the visibility using the hashtags and the topic trends. For example, for WARIFA project, #e-health #AI, #artificialintelligence #healthinnovation #health, #innovation, #cancer, #diabetes, #NCDs, #mobileapp, #H2020 can be fruitful hashtags to exploit. A particular attention is paid in using the hashtag #ResearchImpactEU and #InvestEUcreated by the EU Commission for the H2020 Programme, as well as in tagging the EU account, such as @EU_H2020, which is the official account for the EU's H2020 research and innovation programme. Mentioning the

participation to an event organised by third parties, if available, the official event's accounts and hashtag are used to increase the visibility of the project. The first tweet by the WARIFA project reached 3003 impressions and a total engagement of 87 reactions, while the second one reached 2922 impressions and 92 engagement reactions.

Facebook is a social networking website where users can post comments, share photographs, and post links to news or other interesting content on the web, chat live, and watch short-form videos. Shared content can be made publicly accessible or can be shared only among a select group of friends, family, or with a single person. WARIFA will use this platform to get in contact in particular with general public, but also with potential end users.

To share its video, WARIFA consortium chose to use the most popular video platform, **YouTube**. An account will be created as soon as a project video was produced.

Accordingly to their specific language and users, social networks are used to deliver posts on updates, events and project meetings, as well as dissemination of press release and newsletters.

Partners are aware of the potential of these communication tools and are making their own social media accounts available to increase the WARIFA visibility among their followers and customers. They pay attention to mention @ProjectWarifa when posting relevant news on their own social network's accounts, baring all the consideration above in mind (e.g. best hashtag to use; etc.).
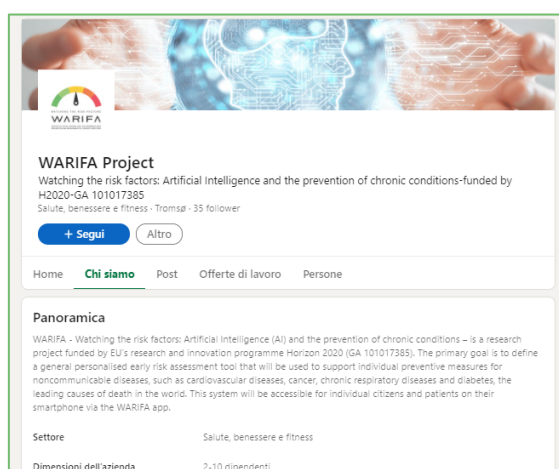
Figure 14 WARIFA LinkedIn Company page.

Figure 15 WARIFA LinkedIn Account

Figure 16 WARIFA Twitter Account

Figure 17: WARIFA Facebook Account

3.4 BROCHURE, POSTER AND ROLL-UP

The WARIFA brochure, poster and roll-up were prepared and published by CIAOTECH at M6 (June 2021).

The brochure has been developed to provide information about the project aim, its focus area and its impact. The partners logos are also listed, with clearly visible logos and trademarks, as well as all the useful links and contacts.

Figure 18: WARIFA Brochure

The poster displays the general information about the project and the consortium, and it was conceived as a flexible tool to be adapted to many different contexts (events, conferences, exhibitions) and in compliance with ad hoc partners' requests (figure 20).

A project roll-up was also developed, displaying the main WARIFA information, the partners involved, and a key image connected to the project scope (figure 19).

Figure 20: WARIFA Poster

Figure 19: WARIFA Rollup

In November 2022 (M23) an updated version of the WARIFA D&C materials has been released on the project website: the new brochure, poster and rollup provide interesting updates on the latest project achievements.

Figure 21: WARIFA M23 brochure

Figure 22: WARIFA M23 poster

Figure 23: WARIFA M23 rollup

The project D&C materials are available for free download from the project MediaKit page, at the following link: https://www.warifa.eu/media-kit/.

3.5 THE DISSEMINATION MATERIAL WILL BE UPDATED AT THE END OF EACH PROJECT YEAR WITH THE MAIN RESULTS REACHED IN THE CONSIDERED PERIOD - PRESS RELEASES AND MEDIA

Media & press are crucial channels to diffuse information about the project to a wide range of stakeholders and the general public. Partners commit to address the regional coverage issues with press (digital/print) and other media (TV/radio).

Short press releases announcing the project progresses, updates, news, relevant participation to the main events are being periodically published by partners and widespread through the channels reported in Table 2 and by using the partners' websites. Press releases will be sent to journalists to stimulate article editing on newspapers. When necessary, partners will translate it to send the communications to the local media, highlighting when possible the benefits to the region/country and the importance of the local partner being part of an EU Consortium.

The contents of the releases and the level of dissemination will depend on the type of audience and the geographical scope. In any case, the publication content will be approved by the coordinator and the dissemination manager, before being translated to the pertinent local language.

The **1st press release** to announce the launch of the WARIFA project was released on 23 February 2021. The issue presented the project, its focus areas, and its first-class consortium. The press release was also shared on the project social channels and uploaded to the project website

Figure 24 WARIFA first press release

After the first press release, short press releases and news announcing the project progress, updates, news and participation in events are being periodically published on the WARIFA channels , as well as on consortium corporate websites and social networks – all reported in Table 2 of this document. The following image provides a few, visual examples:

Figure 25: Examples of short news and press releases published from M5 to M18

Figure 26: Examples of short news and press releases published from M19 to M24

During the project life, in the GA, WARIFA partners foresee to give at least 2 public talk/TV interviews and write at least 4 articles in the local newspapers about the results of the project and how these results could be relevant to the general public.

Following the launch of the 1st press release, a series of articles appeared on the local press:

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101017385

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- An article appeared on the IT magazine Computerworld, one of the most important magazine for the Norwegian IT sector and it has been published since 1983. The magazine is accessible under subscription, but a preview of the article is accessible at the following link: https://www.cw.no/artikkel/helse/far-seks-millioner-euro-av-eu-utvikle-ki-basert-helseapp?fbclid=IwAR0LmfFhwjXRo6gizOk01Ofqbxpd1RSMC5b4ayFbwHMedhsBdnnxO1aJz1Y

- An article was published by the ANSA, the most important Italian news agency and it is accessible at the following link: https://www.ansa.it/osservatorio_intelligenza_artificiale/notizie/salute/2021/03/18/al-via-progetto-ue-per-app-che-calcola-rischio-di-ammalarsi_d3e74329-1a1a-491a-b8d9-758218bafa97.html and republished by other news engines in Italy and Romania:

    ○ MSN news: https://www.msn.com/it-it/notizie/tecnologiaescienza/al-via-progetto-ue-per-app-che-calcola-rischio-di-ammalarsi/ar-BB1eIOff

    ○ La notizia Online: https://lanotizia.online/2021/03/18/al-via-progetto-ue-per-app-che-calcola-rischio-di-ammalarsi/

    ○ G4Media.ro: https://www.g4media.ro/proiectul-warifa-o-aplicatie-care-calculeaza-riscul-de-a-dezvolta-boli-cronice-dezvoltata-de-experti-in-inteligenta-artificiala-si-biostatistica-din-12-tari-europene.html

    ○ website Bursa.ro: https://www.bursa.ro/aplicatia-warifa-evalueaza-riscul-utilizatorului-de-a-dezvolta-boli-cronice-64706243

- An article appeared in the Italian newspaper Corriere Nazionale and it is available at the following link: https://www.corrierenazionale.it/2021/03/11/warifa-una-app-aiutera-a-prevenire-le-malattie/

- An article was published on the Italian web portal Webnotizie.it: https://www.webnews.it/2021/03/22/ue-al-via-progetto-app-che-calcola-il-rischio-di-ammalarsi/

Figure 27 WARIFA on the press

Furthermore, project partner ULPGC gave 2 interviews to RTVC, a local TV station (Canary Islands) which were released in M4 (April 2021). The first interview has been given by Dr. Gustavo M. Callico during which he presented WARIFA project. The second one was performed to Dr. Himar Fabelo in the "Noche de Reporteros" program where he talked about Robotics, Artificial Intelligence and Medicine, by presenting also WARIFA project.

3.6 NEWSLETTERS

Project updates and relevant news are being widespread to the wide audience through a newsletter produced twice a year. The newsletters will be distributed by email to the users that will subscribe to the project website. Moreover, the newsletter will be shared on the social networks and partners' communication channels. Below (Table 4) are the relevant issues that will be developed within the project course:

Table 5 WARIFA newsletters

Newsletter number	Issues of the newsletter	Release Date
1	Roles of the partners involved in the WARIFA project.	July 2021
2	Updates of the first-year project results	May 2022
3	Updates of the activities at M18	October 2022
4	Updates of the second-year project results	
5	To be defined through the third-year project	
6	Updates of the third-year project results	
7	To be defined through the fourth-year project	
8	Updates on the final project results	

This plan however is to be considered flexible and could be changed accordingly with the project needs and acquired new knowledge.

Up to M24 (December 2022), three project newsletters have been released:

- **Newsletter #1**: the issue has been published in M7 (July 2021) to present the WARIFA project, its aims and objectives and its consortium (https://www.warifa.eu/wp-content/uploads/2021/06/WARIFA-Newsletter-1.pdf).
- **Newsletter #2**: the newsletter has been released in M17 (May 2022) to update the stakeholders and general public on the progresses achieved by the consortium in the frame of the first year of implementation (https://www.warifa.eu/wp-content/uploads/2022/05/WARIFA-Newsletter-2-1.pdf).
- **Newsletter #3**: the issue, released in M22 (October 2022) deals with the latest progresses achieved by the project consortium up to date (https://www.warifa.eu/wp-content/uploads/2022/10/WARIFA-Newsletter-3.pdf).

All the published newsletters are available for download from the 'Newsletter' page of the WARIFA project website, at the following link: https://www.warifa.eu/newsletter/.

The consortium is currently working on the fourth project newsletter, to be published beginning of January 2023, which will provide an overview on all the results achieved in the second year of implementation.

3.7 SCIENTIFIC AND TECHNICAL PUBLICATIONS AND ARTICLES IN CONFERENCE PROCEEDINGS

The scientific dissemination was assured through different channels: contributions to technical conferences, publications in specialized magazines and scientific peer-reviewed journals.

As part of the work to be done within the consortium, key developments for scientific publications are being identified by the pertinent partners and brought to the attention of the project consortium by the procedure for publishing scientific papers described in D1.1 - QA Plan and reported here.

- **Step 1**: In order to initiate the dissemination procedure, a beneficiary that intends to disseminate its scientific results must give advance notice to the other beneficiaries and all Work Package Leaders (WPLs) before preparing the first draft, together with sufficient information on the planned dissemination.

- **Step 2**: Any beneficiary who is interested in co-authorship shall answer - unless agreed otherwise - within 7 working days of receiving the notification. The beneficiary who is interested to be a co-author must also suggest his/her possible contribution according to the Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals (referred to as the "Vancouver Convention") issued by the International Committee of Medical Journal Editors.

- **Step 3**: The final list of authors will be agreed on between all beneficiaries who have indicated their interest (see step 2) and supervised by the WPL. The responsibility of the

authors list will be with the WPL which the publication is related to. The WPL will inform all beneficiaries as well as the coordinator about the final list of authors. In case several work packages are equally involved in the publication, the WPLs in question will agree on who will have main responsibility.

- **Step 4**: Before submission of the final draft the Scientific manager (SM) will review the manuscript regarding its relation to the WARIFA Medical concept. The Technical innovation manager (TIM) will review the manuscript regarding its relation to the WARIFA Technical concept. The review will be finished within 7 days unless agreed otherwise. The SM and TIM may assist the WPL to help improve the manuscript or in case of any issues regarding co-authorship.

While submitting a scientific article, the consortium ensures that the paper includes the acknowledgement of the EU, including the following statement: "This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 101017385". As soon as the paper is accepted / published, the Dissemination Manager and Project Coordinator will be informed. The project management will create a folder on Teams documents repository under "Dissemination" and the WARIFA website will be updated accordingly.

The open access model is being applied and making use of the EC open access databases such as OpenAIRE. Moreover, references to publications will be listed in the project website.

From the beginning of the project up to M24 (December 2022), the following **articles in conference proceedings** have been published:
- Antonio J. Rodriguez-Almeida, María Castro-Fernandez, Alejandro Déniz, Himar Fabelo, Samuel Ortega, Eduardo Quevedo, Cristina Soguero-Ruiz, Ana M Wägner, Conceição Granja, and Gustavo M. Callico. *Combining Synthetic Patient Data Generation with Machine Learning Methods for Diabetes Prediction*. In **Digitalized methods and tools for industry and healthcare, ECCOMAS Thematic Workshop**, December 2021, Jyväskylä, Finland.
- Hugo Calero-Díaz, Inmaculada Mora-Jiménez, Himar Fabelo, Gustavo M. Callico, Ana M Wägner, Conceição Granja, P.R. van Dijk, and Cristina Soguero-Ruiz. *Machine Learning to Determine Physical Activity using Glucose Level Monitoring in People with type 1 Diabetes Mellitus*. In **Digitalized methods and tools for industry and healthcare, ECCOMAS Thematic Workshop**, December 2021, Jyväskylä, Finland.
- Clara Garcia-Vicente, David Chushig-Muzo, Inmaculada Mora-Jimenez, Himar Fabelo, Inger Torhild Gram, Maja-Lisa Løchen, Conceição Granja, and Cristina Soguero-Ruiz. *Synthetic categorical data generation based on GAN models for imbalanced learning to predict cardiovascular diseases*. In **Machine Learning**, Springer. (submitted).
- Hugo Calero-Diaz, David Chushig-Muzo, Himar Fabelo, Inmaculada Mora-Jimenez, Conceição Granja, and Cristina Soguero-Ruiz. *Data-driven cardiovascular risk prediction and prognosis factor identification in diabetic patients*. In **IEEE International Conference on Biomedical and Health Informatics (IEEE BHI – BSN 2022),** https://www.aconf.org/conf_182362.html, September 2022.

- Clara García-Vicente, David Chushig-Muzo, Inmaculada Mora-Jiménez, Himar Fabelo, Inger Torhild Gram, Maja-Lisa Løchen, Conceição Granja, and Cristina Soguero-Ruiz, *Clinical synthetic data generation to predict and identify risk factors for cardiovascular diseases.* In **The Eighth International Workshop on Data Management and Analytics for Medicine and Healthcare (VLDB DMAH 2022),** Springer LNCS, August 2022.
- Meghan Bradway, Henriette Lauvhaug Nybakke, Stine Agnete Ingebrigtsen, and Kari Dyb. Who are the "Hard-to-Reach" groups in chronic-health and health technology research? A scoping review. In the **Proceedings of the 18th Scandinavian Conference on Health Informatics (SHI 2022)**, https://ecp.ep.liu.se/index.php/shi/article/view/460, August 2022.

In addition, a series of **non-scientific publications** were published on the local press:

- An article appeared on the Information Technology (IT) magazine Computerworld, one of the most important magazines for the Norwegian IT sector and it has been published since 1983. The magazine is accessible under subscription, but a preview of the article is accessible at the following link: https://www.cw.no/artikkel/helse/far-seks-millioner-euro-av-eu-utvikle-ki-basert-helseapp?fbclid=IwAR0LmfFhwjXRo6gizOk01Ofqbxpd1RSMC5b4ayFbwHMedhsBdnnxO1aJz1Y

- An article was published by ANSA, the most important Italian news agency and it is accessible at the following link: https://www.ansa.it/osservatorio_intelligenza_artificiale/notizie/salute/2021/03/18/al-via-progetto-ue-per-app-che-calcola-rischio-di-ammalarsi_d3e74329-1a1a-491a-b8d9-758218bafa97.html and republished by other news engines in Italy and Romania:
  - MSN news: https://www.msn.com/it-it/notizie/tecnologiaescienza/al-via-progetto-ue-per-app-che-calcola-rischio-di-ammalarsi/ar-BB1eIOff
  - La notizia Online: https://lanotizia.online/2021/03/18/al-via-progetto-ue-per-app-che-calcola-rischio-di-ammalarsi/
  - G4Media.ro: https://www.g4media.ro/proiectul-warifa-o-aplicatie-care-calculeaza-riscul-de-a-dezvolta-boli-cronice-dezvoltata-de-experti-in-inteligenta-artificiala-si-biostatistica-din-12-tari-europene.html
  - Bursa.ro: https://www.bursa.ro/aplicatia-warifa-evalueaza-riscul-utilizatorului-de-a-dezvolta-boli-cronice-64706243

- An article appeared in the Italian newspaper Corriere Nazionale and it is available at the following link: https://www.corrierenazionale.it/2021/03/11/warifa-una-app-aiutera-a-prevenire-le-malattie/.

- An article was published on the Italian web portal Webnotizie.it: https://www.webnews.it/2021/03/22/ue-al-via-progetto-app-che-calcola-il-rischio-di-ammalarsi/.

- An article was published in La Provincia Diario de Las Palmas: https://www.laprovincia.es/sociedad/2021/04/05/ulpgc-participa-creacion-app-prevenir-46087714.html.

- Project information were released on the University of Las Palmas de Gran Canaria website, in the article available at the following link: IUMA/iUIBS-ULPGC, uno de los socios del Proyecto WARIFA, para la prevención de enfermedades crónicas mediante inteligencia artificial | ULPGC - Universidad de Las Palmas de Gran Canaria.

- *Analyzing Risk Factors Using AI – an interview with Dr. Ana M. Wagner* has been prepared by University of Las Palmas de Gran Canaria and it has been published in the frame of the Journal of Young Investigator. https://www.jyi.org/2021-june/2021/6/8/analyzing-risk-factors-using-ai-an-interview-with-dr-ana-m-wgner.

Further information about scientific and non-scientific publications prepared in the frame of the WARIFA project will be provided in deliverable D8.7: Plan for the dissemination and exploitation of results – update, to be submitted in M33 (September 2023).

3.9 PARTICIPATION TO INTERNATIONAL EVENTS AND SCIENTIFIC CONFERENCES

The consortiums participation in national and international events will ensure a wider dissemination of the WARIFA outcomes (scientific conferences, seminars, workshops, trades and fairs) during the project lifetime. The selected project results will be presented at various conferences, seminars and workshops targeting the industry, the scientific communities, as well as policy makers and regional authorities.

From the beginning of the project up to M24 (December 2022) the consortium has attended 16 events, including conferences, exhibitions and has also organized one workshop. More details about these events are reported in Table number 5.

Table 6: Events attended from M1 to M24

Partner	Type of event	Title	Date
CTECH	Conference	**MIT4LS2021**	October 2021
ULPGC/URJC	Conference	**DIME21 Eccomas Thematic Conference**	December 2022
MTU	Meetings	**Warifa brief overwiev and goals**	February 2022
NETSUN	Conference	**IT outsourcing (ITO) industry in Romania**	March 2022
SENSOTREND	Exhibition	**ATTD 2022**	April 2022
SENSOTREND	Exhibition	**HIMSS Europe 2022**	June 2022
SENSOTREND	Exhibition	**MyData 2022**	June 2022
NSE	Conference	**22nd Nordic Congress of General Practice - "On the Edge"**	June 2022
URJC	Organization of a Workshop	**V Conference on Chronicity. A Challenge to be Solve from Data Analysis**	na
URJC	Other type of event	**Automatic Identification of Clinical Pathologies Using Deep Learning**	na
URJC	Conference	**Combining Synthetic Patient Data Generation with Machine Learning Methods for Diabetes Prediction.**	na
URJC	Conference	**Machine Learning to Determine Physical Activity using Glucose Level Monitoring in**	na

		People with type 1 Diabetes Mellitus	
URJC	Conference	IEEE International Conference on Biomedical and Health Informatics (BHI'22)	September 2022
URJC	Workshop	The Eighth International Workshop on Data Management and Analytics for Medicine and Healthcare (DMAH2022)	September 2022
CTECH	Conference	MIT4LS2022	October 2022
ULPGC	Conference	IDF World Diabetes Congress 2022	December 2022

3.10 PROJECT'S EVENTS

The WARIFA consortium will organise four events during the project life to target all the most relevant stakeholders.

When possible, the project will take the advantage of organising such events in the framework of existing conferences or events to maximise the impact and the visibility of the project event. As an example, WARIFA will consider organising its final conference in the framework of the international event named Meet in Italy for Life Sciences, the leading national matchmaking and update event on Life Science which takes place annually in Italy, in October. More information on the international event is available at this link: https://meetinitalylifesciences.eu/en/.

3.11 VIDEOS

Videos are powerful tools for communicating and disseminating the brand and the results of an EU-funded project. They are strategic tools to boost the visibility and raise awareness, especially considering the social networks, in order to reach potential stakeholders worldwide.

The preferred distribution channel would be YouTube, but they will be shared through all WARIFA communication and dissemination channels – i.e., LinkedIn, Twitter, Facebook, website and newsletter - as well as the partners' ones.

The consortium plans to produce at least two videos during the project life, as soon as more concrete results will be available.

3.12 COMMUNICATION CAMPAIGN

In November 2022 (M23) the "Interview of Dr. Ana M. Wagner due to the World Diabetes Day" has been released by the project partner ULPCG for the broadcaster Cadena SER: Hoy por Hoy El Drago. The podcast is available at the following link (the interview start at 1:20:00).

3.13 NETWORKING WITH OTHER EU-FUNDED PROJECTS

WARIFA project will create relationships with other EU-funded projects that address similar challenges, to share experiences, exchange best practice and join efforts on dissemination and communication.

WARIFA has already had preliminary contacts with three EU-funded projects to start a collaboration and relationship. These projects are:

- FEMaLe (Grant Agreement n. 101017562),
- LETHE (Grant Agreement n. 101017405) and
- BRAINTEASER (Grant Agreement n. 101017598).

Moreover, other EU-funded projects have been preliminary identified in the framework of the Task 8.1 Stakeholders analysis:

- mHealth Hub
- PyXy.AI - Telehealth-ready AI-powered multi-parametric system for surveillance of COVID-19 and cardio-pulmonary chronic patients
- SMART BEAR - Smart Big Data Platform to Offer Evidence-based Personalised Support for Healthy and Independent Living at Home
- PROTEIN - PeRsOnalized nutriTion for hEalthy livINg
- WELMO - Wearable Electronics for Effective Lung Monitoring
- SMILE - Providing digitalised prevention and prediction support for ageing people in smart living environments
- iGame - Multi-dimensional Intervention Support Architecture for Gamified eHealth and mHealth Products
- WeHealth - Widening Research on Pervasive and eHealth - WeHealth
- COVID-X - COVID eXponential Programme
- STARS - Empowering Patients by Professional Stress Avoidance and Recovery Services
- Smart4Health - Citizen-centred EU-EHR exchange for personalised health
- BETTEReHEALTH

On 21st of June 2022, WARIFA joined the meeting "Data management, Protection and Regulatory Issued", hosted online by the BRAINTESER project.

The meeting brought together the projects Radar-AD, Lethe, AI-MIND, WARIFA, Origent Data Sciences, Neurodegenerative Disease Atlas, ROCK-ALS trial, MAXOMOD and premodiALS to discuss the regulatory challenges in each project and actions taken so far, the most common challenges among all the initiatives as well as the possible activities to be jointly implemented.

Figure 29: Meeting with sister projects, news on website

Figure 28: Meeting with sister projects, post on LinkedIn
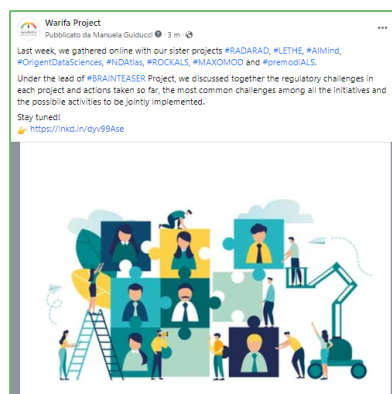
Figure 31: Meeting with sister projects, post on Facebook
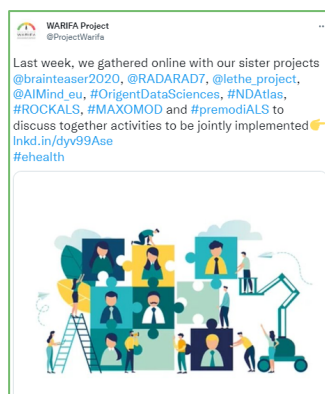
Figure 30: Meeting with sister projects, tweet on Twitter

4   MEASURING THE IMPACT OF THE DISSEMINATION AND COMMUNICATION ACTIVITIES

The spread and the impact of the following dissemination activities are monitored during the whole duration of the project. As an example, for the social media the numbers of followers/fans will be taken into account, as well as impressions and interactions will be monitored. The same approach will be used for the project website where visits and page views will be constantly monitored.

As far as the newsletter is concerned, the numbers of subscribers and views on the website will be considered, while for the events the number of attendees will be the indicator of success.

Moreover, all the actions performed by the consortium are constantly monitored and reported in the following paragraph in this document and in the future technical reports. In particular the type of actions and the audience reached.

4.1 PARTNER DISSEMINATION AND COMMUNICATION

Partners are requested to maintain an active participation within the dissemination strategy.

Proactive and balanced levels of participation will have profound effects throughout the whole project and will guarantee that the dissemination techniques are applied to the fullest possible extent.

An online tool to collect the information on the dissemination and communication activities performed by each partner has been embedded as private section of the WARIFA Project. The D&C Report is a simple questionnaire per each communication and dissemination action performed and audience reached.

After a joint discussion with the project partners, the consortium has however decided to not take advantage of the online D&C tool for the collection of the partners dissemination and communication activities and CTECH has prepared an excel template for the gathering of the D&C actions, structured in compliance with EU guidelines for dissemination and communication.

The excel file has been and will be shared with the whole consortium every 6 months.

4.2 DISSEMINATION TABLES

In the following tables, the main figures of results achieved by the whole WARIFA consortium, are summarised.

The analytical report of activities implemented per partner can be found in the tables filled out by each partner and displayed in Annex 1 of this report.

Table 6 describes the type and number of activities performed from M1 to M18 by the WARIFA consortium, while Table 7 provides the estimated numbers of people reached by the WARIFA project in the framework of the dissemination actions and initiatives implemented in the same period.

During this period, no further actions were implemented by CNR.

Table 7: D&C Activities performed from M1 to M18

Organisation of a Conference	1
Press release	1
Exhibition	3
Social Media	71
Website	7
Communication Campaign (e.g., Radio, TV)	3
Participation to a Conference	6
Participation to an Event other than a Conference or a Workshop	2
Pitch Event	1
Other	40
TOTAL	134

Table 8: Audience reached from M1 to M18

Scientific Community (Higher Education, Research) audiences in research conferences/academia	**12.555**
Industry	**13.411**
Civil Society	**500**
General Public	**17.471**
Other	**4388**
TOTAL	**48.325**

Updates on the D&C actions carried out from M19 to M24 are provided in Table 8 and in Table 9 details about the audience reached in the last six months are given.

Table 9: D&C Activities performed from M19 to M24

Social Media	**16**
Website	**2**
Communication Campaign (e.g., Radio, TV)	**1**
Participation to a Conference	**3**
Participation to a Workshop	**1**
Video/Film	**1**
Other	**10**
TOTAL	**34**

Table 10: Audience reached from M19 to M24

Scientific Community (Higher Education, Research) audiences in research conferences/academia	**14.202**
Industry	**6339**
General Public	**4.143.817**
Other	**4414**
TOTAL	**4.168.772**

From M19 (July 2022) to M24 (December 2022), no D&C activities were performed by UiT, MTU, NETSUN, SENSOTREND and Melanom.

5 EXPLOITATION ACTIVITIES

Deliverable D8.5 is one deliverable of a series that represents the planning and execution of the WARIFA outcomes' exploitation strategies, and their continuous refinement along the project implementation.

WARIFA has put in place specific activities to design an exploitation strategy to guarantee the future sustainability of the proposed innovations beyond the project scope. This business case approach involves business models and exploitation plan definition as well as stakeholder analysis (Task 8.1) and recommendations (Task 8.4). Task 8.1 delivered D8.3 "Stakeholders Analysis", which describes all the activities done towards stakeholders, from their identification to the involvement of a 1st clinical group in targeted surveys.

In M21 (13 September 2022), all partners were invited to the 1st online workshop "**Basics of Exploitation and IPR**" held by CTEC. During the workshop, the difference between Exploitation and IPR versus Dissemination and Communication actions were explained and clarified to create a common knowledge basis for all partners.

In M22 (20 October 2022), all partners were invited to the 2nd online workshop "**Basics of results and IPR**" held by CTEC. During the workshop, results and IP were defined and the 5 steps of IP management were explained and clarified to create a common knowledge basis for all partners.

Starting from M22 (October 2022), **monthly meetings** were organized and held online by CTEC with at least one representative for each partner with competences on Exploitation activities.

WARIFA consortium already established an exploitation and knowledge strategy as it is described hereafter that will be further developed and adapted during the project implementation to answer to the changes in the market, technical progress and further analysis of exploitation mechanisms.

5.1 KNOWLEDGE MANAGEMENT AND PROTECTION STRATEGY

To enable a trustful and reliable cooperation (i.e., avoiding disputes on the property of specific information) the partners of the consortium defined their Background knowledge at the beginning of the project in the Consortium Agreement (CA). The Consortium agreed that all Background needed for project execution, will be requested in writing and that Background related Intellectual Property (IP) must be put at the project partners disposal on a royalty free basis. A continuous review of the Background will be carried out: the first one at the time of signing the Consortium Agreement, but also during project execution.

Table 11 WARIFA background knowledge as agreed in the Consortium Agreement.

Owner	Background knowledge	Specific limitations and/or conditions for Exploitation (Article 25.3 Grant Agreement)

UNN/NSE	Nevus doctor – a computer-aided diagnosis system for nevi and melanoma - is a computer system designed to detect melanoma and common forms of nonmelanoma skin cancer. The system can recognize early signs of skin cancer based on automatic analysis of digital dermatoscopic skin images.	Access Rights to NSE/UNNs background needed for exploitation is granted on fair and reasonable conditions. These conditions will be negotiated in good faith by the concerned Parties during the duration of the project
	The Diabetes Diary is a mobile self-help tools and a research platform.	
	CallMeSmart is a system for context controlled mobile communication in hospitals. CallMeSmart has been commercialized by the company Callmesmart AS, organization number 916 273 282. NSE/UNN have the right to use the solution for future research.	Access Rights to NSE/UNNs background needed for exploitation must be granted in agreement with the company CallMeSmart AS.
UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA	(IUMA) Artificial Intelligence (Machine/Deep Learning) Algorithms for medical data	Could be exploited subject to agreement between partners
	(IUMA) Future selection and extraction algorithms for medical data processing	
	(IUMA) Data acquisition systems development for medical applications.	

WARIFA consortium signed a Consortium Agreement in November 2020, where among other topics, the H2020 rules under the Section 9, specifically "**9.4 Access Rights for Exploitation**" and "**9.5 Access Rights for Affiliated Entities**", were agreed upon.

In M21-M22 (September – October 2022) the partners Sensotrend and NetSun updated their *background knowledge* and the related "specific limitations and/or conditions for Exploitation". The analysis of the BK is very important for the setup of a business plan for the overall WARIFA solution since exploitation and related exploitation strategy must consider agreements among partners for its usage after the project end as well as routes for compensation.

Table 12 Background knowledge – update

Owner	Background knowledge	Specific limitations and/or conditions for Exploitation (Article 25.3 Grant Agreement)
Sensotrend	Sensotrend Connect is a software product suite facilitating data transfer from different data sources into a dedicated data store and data conversions to HL7 FHIR data format	Access Rights to NSE/UNNs background needed for exploitation is granted on fair and reasonable conditions. These conditions will be negotiated in good faith by the concerned Parties during the duration of the project
	Sensotrend Uploader is a computer application transferring data from medical devices through USB or Bluetooth connection to a cloud service.	
	Sensotrend Dashboard is a web application visualizing data from medical devices and wellness trackers in a way that's meaningful for treatment of type 1 diabetes.	
	Wellmo application platform is a low-code mobile app development system that Sensotrend uses internally for some products. There have been discussions on whether and how Wellmo could be used in WARIFA project.	A separate license would be required from Mobile Wellness Solutions, the company developing Wellmo.

NetSun	https://berta.tech/ is a software product, owned by NetSun, that contains multiple components. Questionnaires (forms) is one of the components that will be configured and adapted to be used by WARIFA Project. The scope of the module is data collection from end users. It needs adjustments to respond to integration within WARIFA Mobile App, integrations with Infrastructure, security policies and processes, user interface workflows.	Free for use within WARIFA and health research project. Agreements for any commercial use should be put in place.
UNN/NSE	The HUBRO system - a modern online clinical study management system	Access Rights to NSE/UNNs and the innovators (ref. submitted "Declaration of Innovation" October 2022). Other use may be negotiated by the concerned Parties during or after the WARIFA project.

5.1.1 STEPS OF IP MANAGEMENT

During the 2nd online workshop "**Basics of results and IPR**" the 5 steps of IP management were explained and clarified to create a common knowledge basis for all partners. They are presented in Figure 31.

Results ownership
- Ownership and exploitation: ruled in the CA + GA
- **Joint ownership:** option to sign a separate **Memorandum of Understanding** and/or **joint ownership agreement**, i.e., defining allocation of ownership; terms of exercising, exploiting, protecting and cost sharing for protection

Protecting results

Each partner must:
- examine the possibility of protecting its results;
- adequately protect them — for an appropriate period and with appropriate territorial coverage if: the results can reasonably be expected to be commercially or industrially exploited and protecting them is possible, reasonable and justified (given the circumstances).
- Several IP rights to be investigated

Using Results
- Direct or indirect utilisation, conditions for licensing to third parties, others...

Disseminating Results
- Conditions for disseminations, confidentiality.

Knowledge Management
- Propose the results to the PMB (Project Management Board), identify potential IP and exploitation risks.
- Monitor the produced result IP and identify any specific issue that requires prior agreement among partners.
- The PC (Project Coordinator) and PMB will deal with the management of partners' background IP and take decision on IPR and the protection and regulation of generated foreground IP.
- Decisions related to IPR issues will be taken by the PMB.
- Partners should contact their legal/patent department or seek for external advice by the EC

Figure 32 Steps of IP management in WARIFA

5.2 WARIFA EXPLOITABLE RESULTS

WARIFA is generating several outcomes that can be promoted and test-marketed during the project and will be exploited by the Consortium at the end of the project. These outcomes consist of both **tangible results** (software packages, platform, AI algorithms) **and intangible results**, such as

demonstrated training and learning methodologies and approaches. Some of the results will have potential for joint exploitation, while for others the partners of the Consortium will maintain the option for pursuing individual exploitation, according to their IPR.

At this stage, the consortium foresees the development of results that could be exploited as a whole or individually. In addition, other results related to technologies, new products etc. may arise during the project´s execution. Furthermore, the partners aim in Task 8.3 is to identify (for some of them) other sectors of application in which they may be transferred, thus expanding the market; the approach could be to find connections between these results and market demand or what is receiving interest in other R&I initiatives at the European level.

The expected **intangible results** or **know how** will allow the Consortium partners to develop a business of services or strengthening their position in the eHealth research field or providing new trainings:

- **Networking with Stakeholders**: commercial partners will continue to nurture the stakeholders' network by providing their services, i.e., spanning from eHealth solutions providing to market analysis & intelligence, business plan drafting, innovation consultancy. Academic partners will exploit the collaborations to generate new research ideas, joint projects and academic initiatives.

- **Scientific knowledge transfer and know-how**: academic partners will strengthen their position within the key research areas of e-health, p-health, m-health, AI and applied mathematics to risk assessment for the different NCDs targeted by the project. New knowledge is disseminated to the research community by scientific publications and presentations at conferences. In addition, WARIFA is advising national authorities and policy makers.

- **Training**: academic partners might use the knowledge as part of their education purposes.

- **Forms module (Partner: Netsun)**: it needs further integrations based on Rest API with Hubro and other potential proprietary or open-source products or platforms that needs Questionnaires (forms) Modules.

The expected **tangible results** are reported in the following table

Table 13 WARIFA expected tangible results

No.	Type of Tangible result	Brief description	WP	WPleader	Expected exploitation route
1	WARIFA tool (front + back end)	it's the main exploitable result that will be achieved at the conclusion of the project	WP3-WP6	All partners except for CTEC	2 routes: 1 - research tool/prototype to collect data and test analytic ML algorithms. 2 - commercial exploitation: mobile app for medical data collection (a way to put in app a medical survey by NetSun)

2	Mobile app features for AI data processing	Data processing and feature extraction modules (D4.1; D4.2; D4.3; D4.4)	WP4	URJC	tbd, maybe exploited by Sensotrend
3	Mobile app features for context awareness	Software applications for healthcare organizations - context awareness (part of the middleware between WP4 and WP6) and simulation of big data (D5.1; D5.2; D5.3: D5.4)	WP5	NSE (UNN)	tbd
4	Mobile app features for data aquisition and personalization	Data acquisition, usability, personalization and validation of UI (D3.2; D3.4)	WP3	UiT	tbd
5	AI algorithms for risk assessment	Bayesian Belief Network - Classical statistic methods implementation for the analysis of survival data.	WP6	CNR	tbd, maybe patented as a library and potentially exploited by Sensotrend
6	Personalisation and validation protocol	D7.3 protocol for the personalization and validation of WARIFA tool	WP7	ULPG	tbd

5.3 EXPLOITATION STRATEGY

The exploitation strategy was preliminary prepared in the WARIFA proposal with the goal of raising the consortium's awareness for the exploitability of the tangible and intangible results, to provide a basis for internal discussions and to increase the chances of the exploitation of the project Key Exploitable Results after the project's end. The consortium gives significant importance to the exploitation activities, both individually and by the consortium in a joint action. The exploitation planning activities started with Task 8.1 and will continue throughout the project lifecycle with Task 8.3 to analyze, define and fine-tune a long-term successful exploitation.

Regarding the individual exploitation plan, in the current stage, tangible and intangible assets were listed with a brief asset description in section 5.2, then during the next months, information about partners involved, market sectors, end users and envisaged form of exploitation will be gathered. Nevertheless, the long-term objective is that every partner should enrich the description already reported in this deliverable with more details about functionalities, value proposition, commercial feasibility of each asset, planned actions and time frame, expected benefits and opportunities each partner is expected from the use and integration of the WARIFA Results.

The joint exploitation strategy will have to consider the several heterogeneous entities which compose the consortium: experts from within AI technology (particularly in deep learning and machine learning), e-health, clinical medicine sociology, psychology, IT, communication and dissemination and an innovation management consultancy company. In fact, according to the heterogeneity of the project partner's, exploitation strategy could include, for instance, activities like:

- Evaluation of the WARIFA Key Exploitable Results, further development of the tool (customization to customer needs)

- Publication of articles, case studies in the scientific\industrial journals and magazines

- Commercial exploitation of the tool (totally or partially)

- Exploitation of the experience gained with the support about market demands, dissemination activities, technology trends.

Within Task 8.3 the exploitation strategy is relying and will rely on the following milestones:

- *Intellectual Property Rights* will address ownership of the project results (foreground knowledge); licensing of pre-existing know-how; transfer of the knowledge gained within the project; confidentiality of project results and dissemination strategy (done in M21-M22, September-October 2022 and under update for the whole project duration).

- *background knowledge:* the partners will update their background knowledge that they will put at disposal within the WARIFA project (done in M21-M22, September-October 2022 and under update for the whole project duration).

- *initially map and describe the project tangible and intangible results* for each partner and their method of exploitation (done in M21-M24, September-December 2022 and under update for the whole project duration).

- *selection and characterization* of the Key Exploitable results and related *Map of Risks,* performed with respect to sales opportunities, customer availability, attraction, technology, legal aspect, IPR and partnership (from January 2023).

- *realisation of a Business Plan* aimed at exploring the marketability of the proposed solutions and drafting the main strategies for future deployment and commercialisation. The business plan will include a market survey as well as an evaluation of the market size and competing technologies on the identified market(s). To this end, an Exploitation Roadmap will be developed, analysing potentially attractive applications for the WARIFA solutions. Value Proposition Canvas and the Lean Canvas will be prepared for the overall solution and for partners own Key Exploitable Result. The business plan will also incorporate the evaluation of the Costs and Financials, definition of the WARIFA business models and value proposition, production plan and a SWOT analysis.

6 CONCLUSIONS

The D8.5 Dissemination Activities Report includes all the dissemination and communication activities planned and implemented from the beginning of the project up to December 2022 in order to disseminate and exploit the WARIFA project results. This plan includes the initiatives related to project duration and is also to be considered as a guide to support the consortium to carry out the dissemination activities using the right material and channels.

WARIFA partners have adopted communication channels and tools to disseminate the WARIFA project objectives and future results as well as a dissemination strategy to reach the different stakeholders (general public, industry, patients, practitioners, scientific community), such as the project logo, project website, poster, brochure, roll-up and presentation templates in order to create a coherent and efficient visual identity.

Each partner is contributing to the dissemination activities by means of their own communication channels (e.g., corporate website, newsletters, etc.), by participating in relevant events, fairs and conferences and elaborating scientific publications and articles in conference proceedings. The dissemination leader (CIAOTECH) has a longstanding experience, and its own channels are being used for project dissemination purposes. Moreover, WAIRFA project's accounts have been created on the most relevant social networks in order to efficiently widespread the project results.

As written, this document defines the dissemination strategies and actions as well as the activities behind the dissemination campaign. For this reason, this deliverable will be further updated in in M33 (D8.7 Plan for the dissemination and exploitation of the results - update) and in M48 (D8.8 Dissemination activities report – update), on the basis of the project's evolution and of the acquired new knowledge that will allow adding new dissemination opportunities.

In this document the update of the first *Exploitation Plan* for the project has been presented. It will be updated once the Stakeholder analysis will be released (Task 8.1 and D8.3 Stakeholder Analysis) . As next steps, we will overview the markets where WARIFA tool will operate to better understand what the specific context is, focusing on the 2nd group of targeted stakeholders (academia, research organizations, industry and SMEs along and around the value chain). Then we will update the WARIFA assets and results, matching them to the key needs and showing there is a strong potential for exploitation in the related-NCDs medical fields.

ANNEX 1 – DETAILED DISSEMINATION TABLES M1-M24

D&C Tables M1-M18

1. NSE

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/ social network/project/ WS	Action Description	Date gg/mm/aa (Planned /Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
NSE	www.ehealthresearch.no	News article on website	www.ehealthresearch.no	News article about the project	Updated 01.04.2022	web	Scientific community, general population, stakeholders, politicians etc.	Pageviews: 173, Unique pageviews: 142	Norway	https://ehealthresearch.no/prosjekter/warifa-watching-the-risk-factors-artificial-intelligence-and-the-personalized-prevention-and-management-of-chronic-conditions
NSE	www.ehealthresearch.no	News article on website	www.ehealthresearch.no	News article about the project	Updated 01.04.2023	web	Scientific community, general population, stakeholders, politici	Pageviews: 213, Unique pageviews: 181	Global	https://ehealthresearch.no/en/projects/warifa-watching-the-risk-factors-artificial-intelligence-and-the-personalized-prevention-and-management-of-chronic-conditions

							ans etc.		
NSE	www.ehealthresearch.no	News article on website	www.ehealthresearch.no	News article about the project	24/02/2021	web	Scientific community, general population, stakeholders, politicians etc.	Pageviews: 263, Unique pageviews: 213	Norway	https://ehealthresearch.no/nyheter/2021/warifa-kunstig-intelligens-og-forebygging-av-kroniske-tilstander
NSE	www.ehealthresearch.no	News article on website	www.ehealthresearch.no	News article about the project	24/02/2021	web	Scientific community, general population, stakeholders, politicians etc.	Pageviews: 367, Unique pageviews: 315	Global	https://ehealthresearch.no/en/news/2021/warifa-ai-and-prevention-of-chronic-conditions
NSE	www.ehealthresearch.no	News article on website	www.ehealthresearch.no	News article about the open PhD positi	08/09/2021	web	Scientific community, general popul	Pageviews: 205, Unique pagevi	Norway	https://ehealthresearch.no/nyheter/2021/er-du-var-nye-phd-stipendiat-innenfor-e-helse

				on in the project			ation, stake holders, politici ans etc.	ews: 161		
NSE	www.ehealt hresearch.n o	News article on website	www.ehealthrese arch.no	News article about the open PhD positi on in the projec t	09/09/20 21	web	Scient ific comm unity, gener al popul ation, stake holder s, politici ans etc.	Pagev iews: 55, Uniqu e pagevi ews: 38	Glob al	https://ehealthresearch.no/en/news/2021/er-du-var-nye-phd-stipendiat-innenfor-e-helse
NSE	www.ehealt hresearch.n o	News article on website	www.ehealthrese arch.no	News article about a relate d projec t	19/11/20 21	web	Scient ific comm unity, gener al popul ation, stake holder s, politici ans etc.	Pagev iews: 4, Uniqu e pagevi ews: 3	Norw ay	https://ehealthresearch.no/prosjekter/helse-og-sykdom
NSE	www.ehealt hresearch.n o	News article on website	www.ehealthrese arch.no	News article /statu s udate on a	Updated 27.04.20 21	web	Scient ific comm unity, gener al	Pagev iews: 150, Uniqu e pagevi	Norw ay	https://ehealthresearch.no/helse-og-sykdom/status

				related project			population, stakeholders, politicians etc.	ews: 107		
NSE	www.ehealthresearch.no	News article on website	www.ehealthresearch.no	News article about a related project	21/04/2022	web	Scientific community, general population, stakeholders, politicians etc.	Pageviews: 23, Unique pageviews: 20	Norway	https://ehealthresearch.no/nyheter/2022/smarttelefonen-kan-hindre-for-tidlig-dod
NSE	www.ehealthresearch.no	Press release	www.ehealthresearch.no	Press release on the project	24/02/2021	web	Scientific community, general population, stakeholders, politicians etc.	Statistics unavailable	Global	https://ehealthresearch.no/files/documents/WARIFA-Pressemelding.pdf?fbclid=IwAR3ETtwadffdtW9kHNQfomNAwiAwAfz0-MVEnC0wuEQsGvW3QBFFDsnTzPl

NSE	Twitter	SoMe post	https://twitter.com/ehealthNORWAY/	Post about the open PhD position in WARIFA	07/09/2021	web	Scientific community, general population, stakeholders, politicians etc.	498 Impressions 33 Engagements 14 Detail expands 3 Retweets 2 Quote-Tweet 7 Likes	Global	https://twitter.com/ehealthNORWAY/status/1435207401305686024
European mHealth Hub	Twitter	SoMe post	https://twitter.com/EUmHealthHub	Post on twitter about the Warifa-project on European mHealth Hub	08/02/2021	web	Scientific community, general population, stakeholders, politicians etc.	4 Retweets 1 Quote-Tweet 7 likes	Global	https://twitter.com/EUmHealthHub/status/1368947261615521795
NSE	Facebook	SoMe post	facebook.com/ehelseforskning	Post about the open PhD position in	07/09/2021	web	Scientific community, general popul	1758 Persons reached 156 Comm	Global	https://www.facebook.com/ehelseforskning/posts/pfbid0Fotp4Pcx7uqCC16Tp46AmuJEYQRUn89CVzsUXLM7W2bw3VWsmyZHQu67ZWb6xxj6l

				WARIFA			ation, stake holder s, politici ans etc.	itment 85 Like, comm ents and share s		
NSE	Facebook	SoMe post	facebook.com/eh elseforskning	Post about the officia l launc h of the projec t	26/02/20 21	web	Scient ific comm unity, gener al popul ation, stake holder s, politici ans etc.	720 peopl e reach ed 187 Comm itment 88 Like, comm ents and share s	Glob al	https://www.facebook.com/ehelseforskning/posts/pfbid0vMRc513Zqw 3pBHNhWe5MHRWrCMcwG8SZBp11fwgWvs1nMYiScJPJofzJXDax MzjHl
NSE	Instagram	SoMe post	Instagram: @eheathnorway	Post about the open PhD positi on in WARIF A	09/09/20 21	web	Scient ific comm unity, gener al popul ation, stake holder s, politici ans etc.	Expos ures 261 From home page 229 From profile 29 From other 3 Likes 25	Glob al	https://www.instagram.com/p/CTmFiBVM_op/?utm_source=ig_web_c opy_link

NSE	Instagram	SoMe post	Instagram: @eheathnorway	Post about the official launch of the project	16/03/2021	web	Scientific community, general population, stakeholders, politicians etc.	Exposures 300 From home page 211 From profile 67 From subject hooks 6 From other 16 Likes 30	Global	https://www.instagram.com/p/CMeY0tIAGM1/?utm_source=ig_web_copy_link
NSE	ComputerWorld	News article on external website	www.cw.no	News article about the project (external)	25/02/2021	web	Scientific community, general population, stakeholders, politicians etc.	- (external)	Norway	https://www.cw.no/app-ehelse-forskning/far-seks-millioner-euro-av-eu-for-a-utvikle-ki-basert-helseapp/423851?fbclid=IwAR0UodtFSFsaPHzwLyY56J4chtFVA5k-BeL5b_wv3AkBDfTYMMfHnCAzMu0
NSE	22nd Nordic Congress of General Practice - "On the Edge"	Stand on physical conference	22nd Nordic Congress of General Practice - "On the Edge"	Stand on physical conference	21.-23.06.2022	Stavanger, Norway	Scientific community, health personell	Some 100s	Nordic countries	https://www.ncgp2022.no/

							(mostly GPs), and health care managers			

2. UMFCD

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned /Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments
UMFCD	UMFCD website	OTHER	project webpage within the UMFCD institution website		planned 31/03/2021	web	Scientific community		Romania	https://umfcd.ro/cercetare-si-dezvoltare/proiecte/proiecte-internationale	this website is being updated to include info on WARIFA project. Will be ready by March 31st
UMFCD	UMFCD website	other	project webpage within the UMFCD institution website	project presentation in Romanian	31/03/2021	web	Scientific community; general public (the webpage is public)		Romania	https://umfcd.ro/cercetare-si-dezvoltare/proiecte/proiecte-internationale	this website is being updated to include info on WARIFA project.
UMFCD	UMFCD linkedin account	social media	post on Linkedin				scientific community,		Global		

							general public				
UMFCD	Email	other	presentation in electronic format of the project and invitation to collaborate for stakeholders analysis	01.05-15.06.2022	email	Professional medical organizations in Romania	estimated 3000 physicians	Romania	-		
UMFCD	Email	other	presentation in electronic format of the project and invitation to collaborate for stakeholders analysis	01.05-15.06.2022	email	Patients associations organizations in Romania	estimated 500 patients advocates	Romania			

3. UiT

WAR IFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments

UiT	JMIR Publication	Paper	A Smartphone-Based Information Communication Technology Solution for Primary Modifiable Risk Factors for Noncommunicable Diseases: Pilot and Feasibility Study in Norway	Published paper describing the Norwegian pilot and feasability study and information that this pilot study has continued as a part of an EU funded project titled WARIFA - watching the risk factors	25/02/2022	web	Scientific Community	na	Global	https://www.linkedin.com/feed/update/urn:li:activity:6769986081174679552
UiT	News on UiT website	Chronicle /blog	Smartphones can easily help reduce mortality among adults in Norway and most other countries	Chronicle in Norwegian about the Norwegian study and	20/04/2022	web	The public and the scientific community that can	na	Norway	https://uit.no/nyheter/forskerhjornet/770979/smarttelefonen_kan_hindre_for_tidlig_dod

				information that this pilot study has continued as a part of an EU funded project titled WARIFA - watching the risk factors			read Norwegian			
UiT	Social Media – Post on LinkedIn	Summarized information about the study	Smarthones may save lives	Summary in Norwegian about the Norwegian study and information that this pilot study has continued as a part of an EU funded project	21/04/2022	web	The public and the scientific community that can read Norwegian	na	Norway	https://www.linkedin.com/feed/update/urn:li:activity:6922802373245431808

				titled WARIFA - watching the risk factors						
UiT	Social Media – Post on Facebook	Summarized information about the study	Smarthones may save lives	Summary in Norwegian about the Norwegian study and information that this pilot study has continued as a part of an EU funded project titled WARIFA - watching the risk factors	21/04/2022	web	The public and the scientific community that can read Norwegian	na	Norway	https://www.facebook.com/ehelseforskning/posts/10159140388490288

| UiT | Other – news on website | Chronicle /blog | Smartphones can easily help reduce mortality among adults in Norway and most other countries | Information about that this Norwegian study has continued as a part of an EU funded project titled WARIFA - watching the risk factors | 21/04/2022 | web | The public and the scientific community that can read Norwegian | na | Norway | https://ehealthresearch.no/nyheter/2022/smarttelefonen-kan-hindre-for-tidlig-dod | |
| UiT | News, national radio | Interview | The smartphone can prevent premature death | Summary in Norwegian about the Norwegian study and information that this pilot study has continued as a part of an EU | 22/04/2022 | Radio | The public and the scientific community that understand Norwegian | na | Norway | | |

				funded project titled WARIFA - watching the risk factors							

4. ULPGC

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned /Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments
ULPGC	IUMA Twitter Account	Social Media	WARIFA Kick Off Meeting	post sharing the KoM start	04/03/2021	web	General Public	276	Global	https://twitter.com/IUMAnews/status/1367447258187374607?s=20	
ULPGC	https://www.ulpgc.es/	Social Media	WARIFA press release	post sharing the 1st press release	24/03/2021	web	General Public		Global	https://www.ulpgc.es/noticia/iuma-ulpgc-socios-del-proyecto-warifa-prevencion-enfermedades-cronicas-mediante-inteligencia	
ULPGC	http://www.iuma.ulpgc.es/	Social Media	WARIFA press release	post sharing the 1st press release	24/03/2021	web	General Public		Global	http://www.iuma.ulpgc.es/content/view/616/26/	
ULPGC	https://www.iuibs.ulpgc.es/	Social Media	WARIFA press release	post sharing the 1st press release	22/03/2021	web	General Public		Global	https://www.iuibs.ulpgc.es/endocrinologia/noticias/	

ULPGC	Pending	Social Media	WARIFA press release	post sharing the 1st press release	planned	web	General Public		Global	Pending	The press release has been submitted to the communication responsible at the Complejo Hospitalario Universitario Insular Materno Infantil (CHUIMI) related to the ULPGC and is pendign to be published.
ULPGC /URJC	DIME21 Eccomas Thematic Conference	Participation to a Conference	DIME21 Eccomas Thematic Conference	Presentation of two scientific papers at the DIME 21 conference	01-02/12/2021	Hybrid Event	Scientific Public	50	Global	https://www.eccomas.org/wp-content/uploads/sites/15/2019/12/DIME21_-flyer_23042021.pdf	Two papers presented in colaboration ULPGC and URJC related to the preliminary work performed in WP4.
ULPGC	H2020 FORWARD Project	Communication Campaign	H2020 FORWARD Project	Presentation of the Project Goals	29/04/2022	Hybrid Event	General and Scientific Public	10	Europe	https://www.fpct.ulpgc.es/es/noticias/item/647-las-nuevas-tecnologias-de-la-informacion-y-comunicacion-en-la-investigacion-e-innovacion-en-un-nuevo-seminario-forward.html	https://www.fpct.ulpgc.es/images/noticias/Programa_SeminarioTICs.pdf

5. UiO

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments
UiO	OsloCentre of Biostatistics and epidemiology on Twitter @OCBE_UniOslo	social media	Retweet	sharing description of the project	23/02/2021	web	General public	596	Global	https://twitter.com/OCBE_UniOslo	

6. MTU (CIT)

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/ Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments
CIT	LinkedIn MTU Account	social media	WARIFA Project Launch	Post adopted from the WARIFA press release	30/03/2021	Web	General Public	64354	Global		
CIT	Twitter MTU account (Cork Campus)	social media	WARIFA Project Launch	Post adopted from the WARIFA press release	30/03/2021	Web	General Public	16600	Global	-	
CIT	Twitter MTU account	social media	WARIFA Project Launch	Post adopted from the WARIFA press release	30/03/2021	Web	General Public	2834	Global	-	
CIT	Facebook MTU account (Cork Campus)	social media	WARIFA Project Launch	Post adopted from the WARIFA press release	30/03/2021	Web	General Public	2108	Global	-	
CIT	MTU Website	OTHER	WARIFA Project Launch	Post adopted from the WARIFA press release	30/03/2021	Web	Scientific Community		Global	-	

| CIT | ADAPT Centre Scientific Meeting | Project | WARIFA Brief Overview and Goals | Brief overview and goals of WARIFA infront of ADAPT Centre's executive committee | 15/02/2022 | Face-2-face event | Scientific Community | 15 | Local | | |

7. CIAOTECH

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
CTECH	WARIFA LinkedIn page	social media	Follow the company page	post to share the WARIFA linkedin company page	23/02/2021	web	General Public	12	Global	https://www.linkedin.com/feed/update/urn:li:activity:6769985119223652352/
CTECH	1st Press Release	Press release	WARIFA press release	1st Press release on the lauch of WARIFA project	23/02/2021		Media		Europe	https://www.warifa.eu/wp-content/uploads/2021/06/WARIFA-1st-PRESS-RELEASE_final.pdf
CTECH	WARIFA LinkedIn page	social media	WARIFA press release	post sharing the 1st press release	23/02/2021	web	General Public	38	Global	https://www.linkedin.com/feed/update/urn:li:activity:6769986081174679552

CTECH	WARIFA Twitter account	social media	WARIFA press release	tweet sharing the 1st press release	23/02/2021	web	General Public	46	Global	https://twitter.com/ProjectWarifa/status/1364222790207868934
CTECH	Innovation Place website	other	WARIFA press release	news item sharing the 1st press release	23/02/2021	web	General Public		Europe	https://www.innovationplace.eu/news/warifa-project-artificial-intelligence-and-prevention-of-chronic-conditions
CTECH	Ricerca & Innovazione website	other	WARIFA press release	news item sharing the 1st press release	23/02/2021	web	General Public		Italy	https://www.ricercaeinnovazione.it/news/lanciato-il-nuovo-progetto-warifa
CTECH	Innovation Place LinkedIn page	social media	WARIFA press release	post sharing the 1st press release	23/02/2021	web	General Public	845	Global	https://www.linkedin.com/feed/update/urn:li:activity:6770005186388770816
CTECH	Innovation Place Twitter	social media	WARIFA press release	tweet sharing the 1st press release	23/02/2021	web	General Public	482	Global	https://twitter.com/INNOVATION_PL/status/1364239908118945793
CTECH	PNO IT twitter	social media	WARIFA press release	tweet sharing the 1st press release	23/02/2021	web	General Public	248	Global	https://twitter.com/PNO_IT/status/1364241687996948485
CTECH	Ciaotech company website	other	WARIFA press release	news item sharing the 1st press release	23/02/2021	web	General Public		Italy	https://www.pnoconsultants.com/it/news/lanciato-il-nuovo-progetto-warifa/
CTECH	WARIFA LinkedIn page	social media	kick-off meeting	post sharing 1 photo from the kick-off meeting	01/03/2021	web	General Public	38	Global	https://www.linkedin.com/feed/update/urn:li:activity:6772176941895307264

CTECH	WARIFA Twitter account	social media	kick-off meeting	tweet sharing 1 photo from the kick-off meeting	01/03/2021	web	General Public	46	Global	https://twitter.com/ProjectWarifa/status/1366412306289205249
CTECH	innovation Place newsletter	other	WARIFA press release	news item sharing the 1st press release	08/03/2021		industry, research organisation, civil society, general public		Europe	
CTECH	Ricerca & Innovazione newsletter	other	WARIFA press release	post sharing the 1st press release	08/03/2021		industry, research organisation, civil society, ge		Italy	

							ner al pu blic		
CTECH	WARIFA project website	website	launch of the project	news to announce the launch of the project	17/0 6/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.warifa.eu/news/warifa-project-has-started/
CTECH	WARIFA project website	website	WARIFA Kick off meeting	news about WARIFA Kick off meeting	17/0 6/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.warifa.eu/news/warifa-kick-off-meeting/
CTECH	WARIFA project website	website	1st newsletter	news to share the 1st newsletter	05/0 7/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.warifa.eu/news/warifa-first-newsletter-now-available/
CTECH	WARIFA newsletter	other	1st newsletter	1st newsletter	05/0 7/20 21	w eb		Gl ob al	https://www.warifa.eu/wp-content/uploads/2021/06/WARIFA-Newsletter-1.pdf
CTECH	WARIFA Twitter account	social_ media	ULPG article	tweet to share an article about WARIFA, interview to Dr. Gustavo Marrare - ULPGC	20/0 4/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://twitter.com/ProjectWarifa/status/138451267154 7109387
CTECH	WARIFA Twitter account	social_ media	postdoc positions to work on WARIFA	Sharing the Job vacancy at CNR to work on WARIFA	20/0 4/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://twitter.com/ProjectWarifa/status/138451289070 7890176
CTECH	WARIFA Twitter account	social_ media	EIT Health post on AI	sharing the EIT Health post on AI	26/0 4/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://twitter.com/ProjectWarifa/status/138662752189 9335684

CTECH	WARIFA Twitter account	social_ media	ULPG article	sharing the ULPG article Analyzing risk factors using AI – an interview with Dr. Ana M. Wägner from our partner ULPGC	21/0 6/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://twitter.com/ProjectWarifa/status/140688335591 6963844
CTECH	WARIFA Twitter account	social_ media	launch of the project website	tweet about launch of the project website	05/0 7/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://twitter.com/ProjectWarifa/status/141200444782 4355339
CTECH	WARIFA Twitter account	social_ media	1st newsletter	tweet to share the 1st newsletter	19/0 7/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://twitter.com/ProjectWarifa/status/141703101815 0834178
CTECH	WARIFA LINKEDIN PAGE	social_ media	1st newsletter	post to share the 1st newsletter	05/0 7/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.linkedin.com/posts/warifa-project-b3642b207_warifa-newsletter-1ai-activity-6822795079028154368-GLXS
CTECH	WARIFA LINKEDIN PAGE	social_ media	ULPG article	post to share ULPG article Analyzing risk factors using AI – an interview with Dr. Ana M. Wägner from our partner ULPGC (Universidad de Las Palmas de Gran Canaria).	21/0 6/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:681 2647962771017728
CTECH	WARIFA LINKEDIN PAGE	social_ media	launch of the project website	post to announce the launch of the project website	17/0 6/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:681 7766382646697984
CTECH	WARIFA LINKEDIN PAGE	social_ media	1st newsletter	post to share the 1st newsletter	05/0 7/20 21	w eb	Ge ner al Pu blic	Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:682 2794924342198272
CTECH	Innovation Place website	other	1st newsletter	news to share the 1st newsletter	19/0 7/20 21	w eb	ind ust ry, res ear ch	Eu ro pe	https://www.innovationplace.eu/news/warifa-first-newsletter-now-available

							organisation, civil society, general public		
C T E C H						05/07/2021	web	industry, research organisation, civil society, general public	Europe	
	Innovation Place website	other	launch of the project website	news to announce the launch of the project website						https://www.innovationplace.eu/news/warifa-project-website-is-now-online
C T E C H	Ricerca & Innovazione website	other	1st newsletter	news to share the 1st newseletter		19/07/2021	web	industry, research org	Europe	https://www.ricercaeinnovazione.it/news/disponibile-la-prima-newsletter-del-progetto-warifa

						anisation, civil society, general public		
CTECH	Ricerca & Innovazione website	other	launch of the project	news to announce the launch of the project website	05/07/2021	web	industry, research organisation, civil society, general public	Europe	https://www.ricercaeinnovazione.it/news/warifa-online-il-sito-di-progetto
CTECH	Innovation Place LinkedIn account	social_media	launch of the project website	post to announce the launch of the project website	06/07/2021	web	General Public	Global	https://www.linkedin.com/posts/innovation-place_warifa-activity-6818087405006962688-r5ZT
CTE	Innovation Place	social_media	1st newsletter	post to share the 1st newsletter	19/07/2021	web	General	Global	https://www.linkedin.com/feed/update/urn:li:activity:68228169226530037 77

CH	LinkedIn account						Public		
CTECH	PNO Consultants Europe LinkedIn account	social_ media	1st newsletter	post to share the 1st newsletter	19/07/2021	web	General Public	Global	https://www.linkedin.com/feed/update/urn:li:activity:6822822298685370368
CTECH	Ciaotech LinkedIn account	social_ media	1st newsletter	post to share the 1st newsletter	19/07/2021	web	General Public	Global	https://www.linkedin.com/posts/ciaotech_warifa-newsletter-1ai-activity-6822817529384235009-k0Nb
CTECH	Ciaotech LinkedIn account	social_ media	launch of the project website	post to announce the launch of the project website	06/07/2021	web	General Public	Global	https://www.linkedin.com/posts/ciaotech_warifa-activity-6818088556481847296-mHdV
CTECH	Innovation Place Twitter account	social_ media	1st newsletter	tweet to share the 1st newsletter	19/07/2021	web	General Public	Global	https://twitter.com/INNOVATION_PL/status/1417052873918193669
CTECH	Innovation Place Twitter account	social_ media	launch of the project website	tweet to announce the launch of the project website	19/07/2021	web	General Public	Global	https://twitter.com/INNOVATION_PL/status/141232321315119104
CTECH	Ciaotech twitter account	social_ media	1st newsletter	tweet to share the 1st newsletter	19/07/2021	web	General Public	Global	https://twitter.com/PNO_IT/status/1417053713592639496
CTECH	Ciaotech twitter account	social_ media	launch of the project website	tweet to announce the launch of the project website	06/07/2021	web	General Public	Global	https://twitter.com/PNO_IT/status/1412323724045455365
CTE	innovation Place newsletter	other	launch of the project website	news to announce the launch of the project website	08/07/2021	web	industry, res	Europe	

C H							ear ch org ani sati on, civi l soc iety , ge ner al pu blic			
C T E C H	Ricerca & Innovazione newsletter	other	launch of the project website	news to announce the launch of the project website	08/0 7/20 21	w eb	ind ust ry, res ear ch org ani sati on, civi l soc iety , ge ner al pu blic	Eu ro pe	
C T E C H	Ricerca & Innovazione newsletter	other	1st newsletter	news to share the 1st newsletter	08/0 9/20 21	w eb	ind ust ry, res ear	Eu ro pe	

CTECH							ch organisation, civil society, general public		Europe	
CTECH	innovation Place newsletter	other	1st newsletter	news to share the 1st newsletter	08/09/2021	web	industry, research organisation, civil society, general public		Europe	
CTECH	MIT4LS2021	participation to a conference	MIT4LS2021	participatio to the MIT4LS2021 and brokerage event	01/10/2021	online (genov	researchers, start-	600 (455 startu	Europe	

						a, ita ly)	ups , ind ust ry, poli cy ma ker s, RT Os	p & co mp ani es, 10 0 res ea rch co m mu nit y, 20 inv est ors , 25 pol icy ma ker s)		
C T E C H	WARIFA Twitter account	social_ media	Retweet of an open PhD position	Retweet of an open PhD position at eHealth National Centre (the coordinator) to work on WARIFA project	09/0 9/20 21	w eb	Ge ner al Pu blic		Gl ob al	https://twitter.com/ProjectWarifa/status/143587552299 9988227
C T E C H	WARIFA LinkedIn page	social_ media	repost of an opened Phd Position	repost of an opened Phd Position at NSE to work on Warifa project	09/0 9/20 21	w eb	Ge ner al Pu blic		Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:684 1639677041131520
C T E	WARIFA LinkedIn page	social_ media	repost of an opened Phd Position	repost of an opened Phd Position at Munster university to work on Warifa project	08/1 0/20 21	w eb	Ge ner al		Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:685 2251314726952960

CH							Public		
CTECH	WARIFA LinkedIn page	social_ media	Norway-Singapore Science Week 2021	post on NSE's participation to the Norway-Singapore Science Week 2021	12/11/2021	web	General Public	Global	https://www.linkedin.com/feed/update/urn:li:activity:68649250138966675328/
CTECH	WARIFA LinkedIn page	social_ media	Facebook account	post to promote the facebook account	16/11/2021	web	General Public	Global	https://www.linkedin.com/feed/update/urn:li:activity:68663291986672302080
CTECH	WARIFA LinkedIn page	social_ media	promotion of the newsletter	a post to promote the subscription to the newselter	30/11/2021	web	General Public	Global	https://www.linkedin.com/feed/update/urn:li:activity:68671464243292643328/
CTECH	WARIFA LinkedIn page	social_ media	Christmas whishes	Christmas whishes	21/12/2021	web	General Public	Global	https://www.linkedin.com/feed/update/urn:li:activity:68679025055280574464/
CTECH	WARIFA LinkedIn page	social_ media	UIT article	a post to share an articole published by Uit in the framework of another project	02/03/2022	web	General Public	Global	https://www.linkedin.com/feed/update/urn:li:activity:69048132403718021112
CTECH	WARIFA Twitter account	social_ media	Norway-Singapore Science Week 2021	post on NSE's participation to the Norway-Singapore Science Week 2021	12/11/2021	web	General Public	Global	https://twitter.com/ProjectWarifa/status/1459154687534538792
CTECH	WARIFA Twitter account	social_ media	promotion of the newsletter	post to promote the facebook account	16/11/2021	web	General Public	Global	https://twitter.com/ProjectWarifa/status/1460557297357316101
CTE	WARIFA Twitter account	social_ media	promotion of the newsletter	a post to promote the subscription to the newselter	30/11/2021	web	General al	Global	https://twitter.com/ProjectWarifa/status/1465701822459306000

CH							Public		
CTECH	WARIFA Twitter account	social_media	Christmas whishes	Christmas whishes	21/12/2021	web	General Public	Global	https://twitter.com/ProjectWarifa/status/1473259781121052674
CTECH	WARIFA Twitter account	social_media	UIT article	a post to share an articole published by Uit in the framework of another project	02/03/2022	web	General Public	Global	https://twitter.com/ProjectWarifa/status/1499329747968536578
CTECH	WARIFA Facebook account	social_media	Project presentation and website	first post on Facebook to present the project	25/10/2021	web	General Public	Global	https://www.facebook.com/ProjectWarifa/photos/a.108479841629607/108479344962990
CTECH	WARIFA Facebook account	social_media	Project presentation and website	post to present the project	16/11/2021	web	General Public	Global	https://www.facebook.com/ProjectWarifa/photos/a.108479841629607/119690837175174
CTECH	WARIFA Facebook account	social_media	promotion of the newsletter	a post to promote the subscription to the newselter	30/11/2021	web	General Public	Global	https://www.facebook.com/ProjectWarifa/photos/a.108479841629607/124135350064056
CTECH	WARIFA Facebook account	social_media	Christmas whishes	Christmas whishes	21/12/2021	web	General Public	Global	https://www.facebook.com/ProjectWarifa/photos/a.108479841629607/130063426137915
CTECH	WARIFA Facebook account	social_media	UIT article	a post to share an articole published by Uit in the framework of another project	02/03/2022	web	General Public	Global	https://www.facebook.com/ProjectWarifa/posts/148071437670447
CTE	WARIFA Website	Project website	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General	Global	https://www.warifa.eu/news/warifa-second-newsletter-published/

CHCTECH							Public			
CHCTECH	WARIFA LinkedIn page	social_media	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General Public	66	Global	https://www.linkedin.com/posts/warifa-project_warifa-second-newsletter-published-warifa-activity-6932950368091803648-8sz7?utm_source=linkedin_share&utm_medium=member_desktop_web
CHCTECH	WARIFA Facebook account	social_media	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General Public	9	Global	https://www.facebook.com/ProjectWarifa
CTECH	WARIFA Twitter account	social_media	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General Public	63	Global	https://twitter.com/ProjectWarifa/status/1527186721514872832
CTECH	Innovation Place website	other	2 newsletter	Publication of the second project newsletter	19/05/2022	web	industry, research organisation, civil society, general public	10000	Europe	https://www.innovationplace.eu/news/warifa-second-project-newsletter-published
CTE	Ricerca & Innovazione website	other	2 newsletter	Publication of the second project newsletter	19/05/2022	web	industry, res	6000	Europe	https://www.ricercaeinnovazione.it/news/pubblicata-la-2-newsletter-del-progetto-warifa

C H							earch organisation, civil society, general public			
C T E C H	Innovation Place LinkedIn Account	social_media	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General Public	1031	Global	https://www.linkedin.com/feed/update/urn:li:activity:6932958143547113472
C T E C H	Innovation Place Twitter Account	social_media	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General Public	507	Global	https://twitter.com/INNOVATION_PL/status/1527192803075399681
C T E C H	Ciaotech twitter account	social_media	2 newsletter	Publication of the second project newsletter	19/05/2022	web	General Public	261	Global	https://twitter.com/PNO_IT/status/1527195109787312129
C T E C H	Ciaotech LinkedIn account	social_media	2 newsletter	Publication of the second project newsletter	01/06/2022	web	General Public	347	Global	https://www.linkedin.com/feed/update/urn:li:activity:6937793701914017793/
C T E C H	WARIFA Website	Project website	M18 project meeting	M18 project meeting	06/06/2022	web	General Public		Global	https://www.warifa.eu/news/warifa-m18-project-meeting/

CTECH	WARIFA LinkedIn page	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	66	Global	https://www.linkedin.com/feed/update/urn:li:activity:6939472000025260032/
CTECH	WARIFA Facebook account	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	9	Global	https://www.facebook.com/ProjectWarifa
CTECH	WARIFA Twitter account	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	63	Global	https://twitter.com/ProjectWarifa/status/1533708090922745858
CTECH	Innovation Place website	other	M18 project meeting	M18 project meeting	06/06/2022	web	industry, research organisation, civil society, general public	10000	Europe	https://www.innovationplace.eu/news/warifa-m18-project-meeting
CTECH	Ricerca & Innovazione website	other	M18 project meeting	M18 project meeting	06/06/2022	web	industry, research	6000	Europe	https://www.ricercaeinnovazione.it/news/progetto-warifa-meeting-del-mese-18

							organisation, civil society, general public			
C T E C H	Innovation Place LinkedIn Account	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	1031	Global	https://www.linkedin.com/feed/update/urn:li:activity:6939479138999140352/
C T E C H	Innovation Place Twitter Account	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	507	Global	https://twitter.com/INNOVATION_PL/status/1533714275776221184
C T E C H	Ciaotech twitter account	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	261	Global	https://twitter.com/PNO_IT/status/1533716441245048838
C T E C H	Ciaotech LinkedIn account	social_media	M18 project meeting	M18 project meeting	06/06/2022	web	General Public	347	Global	https://www.linkedin.com/feed/update/urn:li:activity:6943218763282452480/
C T E C H	innovation Place newsletter	other	M18 project meeting	M18 project meeting	08/06/2022	web	industry, research org	10000	Europe	

							ani sati on, civi l soc iety , ge ner al pu blic			
C T E C H	WARIFA Website	Project website	SHI 2022 Conferenc e	SHI 2022 Conference	24/0 6/20 22	w eb	Ge ner al Pu blic		Gl ob al	https://www.warifa.eu/news/warifa-will-join-the-18th-scandinavian-conference-on-health-informatics/
C T E C H	WARIFA LinkedIn page	social_ media	SHI 2022 Conferenc e	SHI 2022 Conference	24/0 6/20 22	w eb	Ge ner al Pu blic	66	Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:694 6024653115002880/
C T E C H	WARIFA Facebook account	social_ media	SHI 2022 Conferenc e	SHI 2022 Conference	24/0 6/20 22	w eb	Ge ner al Pu blic	9	Gl ob al	https://www.facebook.com/ProjectWarifa/photos/a.108 479841629607/175039384973652/
C T E C H	WARIFA Twitter account	social_ media	SHI 2022 Conferenc e	SHI 2022 Conference	24/0 6/20 22	w eb	Ge ner al Pu blic	63	Gl ob al	https://twitter.com/ProjectWarifa/status/154026105127 0402049
C T E C H	WARIFA Website	Project website	Sister projects meeting	Sister projects meeting held in 21/06/2022	27/0 6/20 22	w eb	Ge ner al Pu blic		Gl ob al	https://www.warifa.eu/news/data-management-protection-and-regulatory-issued-meeting-with-warifa-related-projects/
C T E	WARIFA LinkedIn page	social_ media	Sister projects meeting	Sister projects meeting held in 21/06/2022	27/0 6/20 22	w eb	Ge ner al	66	Gl ob al	https://www.linkedin.com/feed/update/urn:li:activity:694 7080401676816384/

C H							Pu blic			
C T E C H	WARIFA Facebook account	social_ media	Sister projects meeting	Sister projects meeting held in 21/06/2022	27/0 6/20 22	w eb	Ge ner al Pu blic	9	Gl ob al	https://www.facebook.com/ProjectWarifa/photos/a.108 479841629607/175700528240871/
C T E C H	WARIFA Twitter account	social_ media	Sister projects meeting	Sister projects meeting held in 21/06/2022	27/0 6/20 22	w eb	Ge ner al Pu blic	63	Gl ob al	https://twitter.com/ProjectWarifa/status/154131737663 2885248

8. NETSUN

WARI FA partne r	Communica tion Channel	Communica tion Action	Title of event/magazine/ social network/project/ WS	Action Descript ion	Date gg/mm/aa (Planned/Ac tual)	Locati on	Type of Audien ce	Size of Audien ce (# people)	Country address ed	web site of the event	Comment s
NSSF T	LinkedIn page	social media	Presenting WARIFA Project on LinkedIn	posted about WARIFA Project	18/05/2022	web	Genera l Public	500	Romani a	https://www.linkedin.com/in/mihain amolosanu/	
NSSF T	NTS website	other	WARIFA Netsun's Partner	add WARIFA Project at the partener s section	18/05/2022	web	Genera l Public		Romani a	https://netsun.ro/	We have added on our website, at the partners section, the WARIFA logo with direct linking to the website

												www.warifa.eu
NSSFT	Presentation at a conference with Japan External Trade Organization - Romania	Participation to a Conference (the WARIFA project takes part in a conference with a poster/oral presentation)	IT outsourcing (ITO) industry in Romania	mentioned about Warifa project and our role	02/03/2022	online event	Industry	50	Japan	-		At a presentation with Japan External Trade Organization - Romania, we have mentioned about Warifa project and our role. The presentation was attended by 50 Japanese companies.

9. CNR

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments

CNR IAC	IAC Facebook account	social media	WARIFA press release	post sharing the 1st press release	2/25/2021	web	General Public	227	Global	https://www.facebook.com/ist.applicazionidelcalcolo/photos/a.102337181636933/219934213210562/	
CNR IAC	IAC website	other	WARIFA press release	post sharing the 1st press release	2/26/2021	web	General Public	31	Global	https://www.iac.rm.cnr.it/iacsite/index.php?page=list_events_new&cod=762	
CNR IAC	IAC Twitter account	social media	WARIFA press release	post sharing the 1st press release	2/25/2021	web	General Public	865	Global	https://twitter.com/CNRIAC/status/1364908003841908736/photo/1	
CNR IAC	IAC Instagram account	social media	WARIFA press release	post sharing the 1st press release	2/25/2021	web	General Public		Global	https://www.instagram.com/p/CLtvHtiK5KJ/	
CNR IAC	CNR press office	Website	WARIFA press release	synthetic text diffusion	02/25/21	web	General Public, media		Global	https://www.cnr.it/it/news/10046/il-cnr-partecipa-al-progetto-europeo-warifa	
CNR IAC	ANSA press agency	Press release	WARIFA press release	synthetic text diffusion	03/17/21	n.a.	Media	7	Global	n.a.	Several articles in other news agency thanks to this sharing by ANSA

10. URJC

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	website of the event	Comments

URJC	Organization of a workshop	Organization of a workshop	V Conference on Chronicity. A Challenge to be Solve from Data Analysis	Workhsop related to the project		web	General Public	60	Global	-	Organized by Cristina Soguero at URJC. Speakers: (1) Antonio Rodríguez-Almeida (ULPGC). Combining synthetic patient data generation with machine learning methods for diabetes prediction; (2) Himar Fabelo (ULPGC). Hyperspectral imaging technology for early disease diagnosis and detection; (3) Hugo Calero Díaz (URJC). Data-driven methods for characterizing glucose measurement technologies and physical activity in people with type 1 diabetes mellitus; (4) Cristian David Chushig (URJC). Unsupervised methods for visualization and pattern search in chronic populations; (5) Clara García (URJC). Artificial intelligence and chronicity. Preliminary studies in preprocessing and visualization in public databases; (6) Alejandro Deniz (ULPGC). Redefining diabetes through data analysis. All are members of WARIFA
URJC	Participation to an Event other than a Conference or a Workshop	PhD Seminar course	Automatic Identification of Clinical Pathologies Using Deep Learning	PhD Seminar course		web	General Public	30	Global	Sent to you	Cristina Soguero (URLC). Automatic Identification of Clinical Pathologies Using Deep
URJC	Participation to a Conferenc	Participation to a Conferenc	Combining Synthetic Patient Data Generation with Machine Learning Methods for Diabetes Prediction.	Workhsop related to the project		Jyväskylä, Finland	General Public	60	Global		

URJC	Particip ation to a Conferenc nc	Particip ation to a Conferenc nc	Machine Learning to Determine Physical Activity using Glucose Level Monitoring in People with type 1 Diabetes Mellitus	Work hsop related to the projec t		Jyvä skylä , Finla nd	Gen eral Publi c	60	Glob al		

11. SENSORTREND

WARIFA partner	Commu nication Channel	Comm unicati on Action	Title of event/maga zine/social network/pro ject/WS	Action Description	Date gg/mm/a a (Planned /Actual)	Loc atio n	Type of Audienc e	Size of Audien ce (# people)	Country address ed	web site of the event	Comments
SENS ORTRE ND	SENSOR TREND LinkedIn page	social media	Launch of the project	retweet of the tweet on the launch of the project	23/03/20 21	web	General Public	462	Global	https://twitter.com/sensotre nd/status/13644545870721 84322	
SENS ORTRE ND	event	exhibiti on	ATTD 2022	event participation	28.-30.4.202 2	Bar celo na, Spa in	Industry	4000	Global	https://attd.kenes.com/	Stand in the exhibition. No exact count of stand visitors available.
SENS ORTRE ND	event	exhibiti on	HIMSS Europe 2022	event participation	14.-16.6.202 2	Hel sink i, Finl and	Industry	2500	Global	https://www.himss.org/eve nt-himss-europe/	Stand in the exhibition. No exact count of stand visitors available.
SENS ORTRE ND	event	exhibiti on	MyData 2022	event participation	20.-22.6.202 2	Hel sink i, Finl and	Industry	600	Global	https://2022.mydata.org/	Stand in the exhibition. No exact count of stand visitors available.
SENS ORTRE ND	Twitter	social media	Project introductioon	Tweet chain sharing the project intro, and	24/02/20 21	web	General Public	465	Global	https://twitter.com/sensotre nd/status/13644545870721 84322	

				Sensotrend's role							

12. MELANOMA ASSOC.

WARIFA partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned /Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments
MELANOMA ASSOC	facebook	social media	WARIFA press release	post sharing the 1st press release	10/03/2021	web	patients and careers mostly ,open to public		3472	https://www.facebook.com/foflekkreftforeningen/posts/3926841544068619	446 reached
MELANOMA ASSOC	web	other	WARIFA press release	post sharing the 1st press release	10/03/2021	web	General Public			http://www.melanom.no/aktuelt/forskningsprosjekt-om-en-personlig-risikovarslingsmodell-i-en-mobilapp	
MELANOMA ASSOC	other	direct email			15/04/2022	web	Melanoma Assocition	500	National	Same text as below	email was sent to all members to participate in trial of questionnaire for the app
MELANOMA ASSOC	web	social media			09/05/2022	web	General Public	585 reached	National	føflekkreft (malignt melanom) - Search Results | Facebook	
MELANOMA ASSOC	web	social media			09/05/2022	web	General Public	503 reached	National	https://www.facebook.com/search/posts?q=melanomforeningen%20-%20lukket%20gruppe&filters=eyJycF9jcmVhdGlvbl90aW1lIjoiJ7XCJuYW1lIXCI6XCJjcmVhdGlvbl90aW1lIXCIsXCJhcmdzXCI6XCJ7XFxcInN0YXJ0X3llYXJcXFwiOlxcXCIyMDIyXFxclixc FwiOlxcXCIyMDIyXFxclixc	

										XFwic3RhcnRfbW9udGhc XFwiOIxcXCIyMDIyLTFcX FwiLFxcXCJlbmRfeWVhclx cXCI6XFxcIjIwMjJcXFwiLF xcXCJlbmRfbW9udGhcXF wiOIxcXCIyMDIyLTEyXFxc IixcXFwic3RhcnRfZGF5XF xcIjpcXFwiMjAyMi0xLTFcX FwiLFxcXCJlbmRfZGF5XF xcIjpcXFwiMjAyMi0xMi0zM VxcXCJ9XCJ9IiwicnBfYXV 0aG9yOjAiOiJ7XCJuYW1l XCI6XCJhdXRob3JfbWVcI ixcImFyZ3NcIjpcIlwifSJ9

D&C Tables M19-M24

1. NSE

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
NSE	Corporate website	News on Website	Researchers want your answers to optimize a health app that will prevent disease	News article of the importance of participation in the WARIFA questionary survey on artificial intelligence and	1. July 2002	Online	Clinicians: (health personnel, doctors and hospitals)	NA	Europe	https://ehealthresearch.no/en/news/2022/forskere-onsker-dine-svar-for-a-optimalisere-en-helseapp-som-skal-forebygge-sykdom

				prevention of chronic disease published on the webpage of The University Hospital of North Norway (UNN) and Helse Nord.								

2. UPLCG

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/ Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event	Comments
ULPGC	YouTube	Video	ULPGC Youtube channel	Short video of Gustavo M. Callico explaning WARIFA project created	04/10/2022	Web site	General Public	1430	Spain	youtube.com/watch?v=haeCtn2lMCM	The audience are the subscriptos of the ULPGC Youtube

				by ULPGC in the context of #serULPGC initiative.								Channels
ULPGC	Radio	Communication Campaign	Cadena SER: Hoy por Hoy El Drago	Interview of Dr. Ana M. Wagner due to the World Diabetes Day	14/11/2022	Spain	General Public	4.140.000	Spain	https://play.cadenaser.com/audio/ser_las_palmas_hoyporhoyeldrago_alt24_20221114_075000_112100/	In the link, the interview start at 1:20:00".
ULPGC	Conference	Participation to a Conference	IDF World Diabetes Congress 2022	The researcher Alejandro Déniz will present a phisically a poster in the conference related with the contents	05-08/12/2022	Lisbon	Scientific Community	7000	International	https://idf2022.org/	Pending to be presented

				of WARIFA.							
ULPGC	Journal Paper	Submission of a Journal Paper	Journal of Medical Internet Research (JMIR)	Submission of a paper related to the preliminary WARIFA research related to the state-of-the-art in "Quality, Usability and Effectiveness of mHealth Applications and the Role of Artificial Intelligence: Current Scenario and Challenges"	09/11/2022	Web site	Scientific Community	Not Available	International	https://www.jmir.org/	Currently under review (14/11/2022)

3. UiO

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
UiO	webpage	post	webpage	news on website	summer 2022	www.uio.no	Scientific community and general public	50-500	global	https://www.med.uio.no/imb/english/research/groups/epidemiological-studies/news/
UiO	twitter	Retweet	Twitter Account	retweet @Project Warifa third newsletter	31/10/2022	UniOslo	general public	100	global	_

4. CTECH

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
CTECH	Innovation Place Newsletter	other	2 newsletter	Publication of the second project newsletter	06/07/2022	web	industry, research organisation,	10000	Europe	

							civil society, general public			
CTECH	Ricerca & Innovazione Newsletter	other	2 newsletter	Publication of the second project newsletter	06/07/2022	web	industry, research organisation, civil society, general public	6000	Italy	
CTECH	Event Attendance	Other type of event	MIT4LS	Participation in the MIT4LS event	October 2022	web	industry, research organisation, civil society, general public	20	Europe	
CTECH	WARIFA Website	project website	News about MIT4LS Participation	Participation in the MIT4LS event	20/10/2022	web	industry, research organisation, civil society, general public	NA	Europe	https://www.warifa.eu/news/warifa-at-the-mit4ls-event-2022/
CTECH	WARIFA LinkedIn Account	social media	News about MIT4LS Participation	Participation in the MIT4LS event	20/10/2022	web	general public	84	Europe	https://www.linkedin.com/feed/update/urn:li:activity:6988866091787685890
CTECH	WARIFA Faceboo	social media	News about MIT4LS Participation	Participation in the	20/10/2022	web	general public	10	Europe	https://www.facebook.com/ProjectWarifa/

	k Account			MIT4LS event						
CTEC H	WARIFA Twitter Account	social media	News about MIT4LS Participation	Participat ion in the MIT4LS event	20/10/202 2	web	general public	73	Europ e	https://twitter.com/ProjectWarifa/status/158310206 9866921984
CTEC H	Innovatio n Place Website	other	News about MIT4LS Participation	Participat ion in the MIT4LS event	20/10/202 2	web	industry , researc h organis ation, civil society, general public	10000	Europ e	https://www.innovationplace.eu/news/warifa-joined-the-mit4ls-event
CTEC H	Ricerca & Innovazi one Website	other	News about MIT4LS Participation	Participat ion in the MIT4LS event	20/10/202 2	web	industry , researc h organis ation, civil society, general public	6000	Italy	https://www.ricercaeinnovazione.it/news/il-progetto-warifa-presentato-a-mit4ls
CTEC H	CiaoTech LinkedIn Account	social media	News about MIT4LS Participation	Participat ion in the MIT4LS event	24/10/202 2	web	general public	515	Italy	https://www.linkedin.com/posts/ciaotech_warifa-at-the-mit4ls-event-2022-warifa-activity-6990330642118946817-nJH8?utm_source=share&utm_medium=member _desktop
CTEC H	WARIFA Website	project website	3 newsletter	Publicatio n of the third project newslett er	31/10/202 2	web	general public	NA	Europ e	https://www.warifa.eu/news/3rd-warifa-newsletter-released/

CTECH	WARIFA LinkedIn Account	social media	3 newsletter	Publication of the third project newsletter	31/10/2022	web	general public	84	Europe	https://www.linkedin.com/feed/update/urn:li:activity:6992854636869095424/?actorCompanyId=2332689
CTECH	WARIFA Facebook Account	social media	3 newsletter	Publication of the third project newsletter	31/10/2022	web	general public	10	Europe	https://www.facebook.com/ProjectWarifa/
CTECH	WARIFA Twitter Account	social media	3 newsletter	Publication of the third project newsletter	31/10/2022	web	general public	73	Europe	https://twitter.com/ProjectWarifa/status/1587089894253502465
CTECH	Innovation Place Website	other	3 newsletter	Publication of the third project newsletter	31/10/2022	web	industry, research organisation, civil society, general public	10000	Europe	https://www.innovationplace.eu/news/warifa-3-project-newsletter-published
CTECH	Ricerca & Innovazione Website	other	3 newsletter	Publication of the third project newsletter	31/10/2022	web	industry, research organisation, civil society, general public	6000	Italy	https://www.ricercaeinnovazione.it/news/warifa-pubblicata-la-3-newsletter-di-progetto

CTECH	Innovation Place LinkedIn Account	social media	3 newsletter	Publication of the third project newsletter	31/10/2022	web	general public	1125	Europe	https://www.linkedin.com/feed/update/urn:li:share:6992864245168123904/
CTECH	Innovation Place Twitter Account	social media	3 newsletter	Publication of the third project newsletter	31/10/2022	web	general public	215	Europe	https://twitter.com/INNOVATION_PL/status/1587098721556250626
CTECH	CiaoTech LinkedIn Account	social media	3 newsletter	Publication of the third project newsletter	31/10/2022	web	general public	515	Italy	https://www.linkedin.com/feed/update/urn:li:share:6992889280582807552/
CTECH	Innovation Place Newsletter	other	3 newsletter	Publication of the third project newsletter	04/11/2022	web	industry, research organisation, civil society, general public	10000	Europe	
CTECH	Ricerca & Innovazione Newsletter	other	3 newsletter	Publication of the third project newsletter	04/11/2022	web	industry, research organisation, civil society, general public	6000	Italy	

CTECH	WARIFA LinkedIn Account	social media	Update D&C Materials	Publication of a new version of the dissemination and communication materials	14/11/2022	web	general public	84	Europe	https://www.linkedin.com/feed/update/urn:li:share:6997853000434126849/
CTECH	WARIFA Facebook Account	social media	Update D&C Materials	Publication of a new version of the dissemination and communication materials	14/11/2022	web	general public	10	Europe	https://www.facebook.com/photo/?fbid=189122146974457&set=a.175366878349984
CTECH	WARIFA Twitter Account	social media	Update D&C Materials	Publication of a new version of the dissemination and communication materials	14/11/2022	web	general public	73	Europe	https://twitter.com/ProjectWarifa/status/1592088010916597760

5. CNR

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
CNR	IAC Facebook page	Social media	WARIFA 3rd Newsletter	post sharing the 3rd Warifa News letter	09/11/2022	web	General Public	73	Global	https://www.facebook.com/photo?fbid=434984762144668&set=a.258287009814445&notif_id=1668008606239314&notif_t=feedback_reaction_generic&ref=notif
CNR	Twitter Facebook page	Social media	WARIFA 3rd Newsletter	post sharing the 3rd Warifa News letter	09/11/2022	web	General Public	92	Global	https://twitter.com/CNRIAC/status/1590357075242409985

6. URJC

WARIFA responsible partner	Communication Channel	Communication Action	Title of event/magazine/social network/project/WS	Action Description	Date gg/mm/aa (Planned/Actual)	Location	Type of Audience	Size of Audience (# people)	Country addressed	web site of the event
URJC	Conference	Participation in a Conference	IEEE International Conference on Biomedical and	Data-driven cardiovascular risk	27-30/09/2022	Ioninna, Greece	Researchers	na	Europe	https://bhi-bsn-2022.org

			Health Informatics (BHI'22)	prediction and prognosis factor identification in diabetic patients					
URJC	Workshop	Participation in a Workshop	The Eighth International Workshop on Data Management and Analytics for Medicine and Healthcare (DMAH2022)	Clinical synthetic data generation to predict and identify risk factors for cardiovascular disease	09/09/2022	Australia, Online	Researchers	na	Europe	https://sites.google.com/view/vldbdmah2022/