beAWARE

beAWARE

Enhancing decision support and management services in extreme weather climate events

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D8.1

Dissemination and Communication strategy and activities report – v1

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Abstract

This document describes the activities carried out for the formation of the exploitation plan and all activities performed towards that during the first semester of the project. It provides a first stage of a market analysis, an overview of the exploitation strategy that the consortium and each partner will follow, as well as the outcomes of the project. Finally, it provides the exploitation framework and an individual partner approach.

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Executive Summary

This deliverable presents the dissemination and communication strategy along with the activities report of all the relevant activities taken or that will be taken during the first 12 months of the project and afterwards.

In the **first** section of the deliverable, the **dissemination strategy** is described and more specifically the target groups which are:

- Governmental Authorities
- End users
- PSAP operators, technology providers and industries
- General public (Citizens)
- Scientific communities

Furthermore, there are presented the related synergies, projects and initiatives, such as other close related EU projects and participations in scientific Journals and Conferences, as well as Publications from beAWARE members.

In the **second** section, the **communication strategy** is analyzed. beAWARE members note down their participation in events, conferences and workshops, meetings with stakeholders as also with User Groups.

Finally, the Activities report from beAWARE members is presented, addressing the past activities more analytically and the future planned activities and potential steps of each member.

Abbreviations and Acronyms

The following abbreviations have been used in this document:

AAWA	Alto Adriatico Water Authority
CERTH	Center for Research and Technology Hellas
CISE	Centro Integral de Seguridad y Emergencias (Emergencies and Security Comprehensive Center (in Valencia city))
DOA	Description of Actions
FBBR	Frederikssund-Halsnaes Fire & Rescue Service
FMI	Finnish Meteorological Institute
HRT	Hellenic Rescue Team
IBM	IBM Israel – Science and Technology Ltd
IOSB	Fraunhofer Institute of Optronics, System, Technologies and Image Exploitation
JRCC	Joint Rescue Coordination Center
MSIL	Motorola Solutions Israel Ltd
PLV	Valencia Local Police
PSAP	Public Safety Access Point
UPF	PompeuFabra University

Table of Contents

List of Tables

1 Introduction

This document presents the overall Dissemination and Communication Strategy of the beAWARE project, outlining the ways in which the project partners will disseminate and communicate with different audiences and publics. This strategy is, therefore, the core of all the activities that will be implemented towards relevant stakeholders and interested parties. Dissemination, networking and awareness-raising are critical to ensure the success of the project and a real impact towards its targets groups. Therefore, it is essential to plan efficient and timely activities focused on these aspects, in parallel to the core activities of the project.

The Description of Action (DoA) of the beAWARE project provides a strategic guidance for the communication and dissemination of the various parts of the project, its activities, results, outputs and outcomes, mainly in WP8 which is entirely dedicated to this task.

The strategy is the result of in-depth work to further define the general communication and dissemination strategy started in the DoA, to enlarge the identified project's target groups and to delineate the best way to reach them.

The Communication and Dissemination strategy:

- Outlines the objectives of beAWARE dissemination, communication activities and how they support the overall project goals
- Clarifies the links with stakeholder engagement activities and lays the basis for an aligned communication with all the different actors
- Defines the main target groups and the group-specific dissemination objectives
- Identifies communication channels and tools
- Describes the beAWARE visual identity and branding.

The Communication and Dissemination strategy will be revised and updated during the project. The monitoring and evaluation module (elaborating relevant key performance indicators) will help to assess the effectiveness of channels and formats and recommend changes where necessary: a mid-term evaluation of the strategy will be carried out and an appropriate realignment will be implemented for the second half of the project.

Objectives of the beAWARE Communication and Dissemination

As stated in the beAWARE Description of Action, the main aims of the beAWARE communication and dissemination strategy are to maximise the impact of the research and development actions through communication and to define the specific contents and forms of communication and dissemination material of the project, taking into account the various

target groups and their specific background in terms of knowledge, context, motivation and potential uptake of various media.

Based on this, the specific objectives are:

- To raise awareness, disseminate and promote the project's activities and results with online and off-line tools, networking, events and media and press work. This specific objective is strengthened by a strong collaboration and coordination with other work packages
- To achieve high visibility within the scientific community and with political actors at various levels to support a wide deployment of resultsand
- To share knowledge, lessons learned and strategies in order to support its transfer to end users, other related organizations and authorities.

2 Target Groups

The targeted groups can be from different aspects of society. A list of them is followed below:

1. Governmental Authorities
2. End Users (first responders, decision makers, civil society organizations)
3. PSAP operators, Technology providers and Industries
4. General Public (citizens)
5. Scientific community.

2.1.1 Governmental Authorities

Today, emergency management policies and practices are defined by local and regional governments of each European country or region with the support of the general government and the protection authorities, such as police, fire brigade and EMS. beAWARE aims to develop an early warning system and a decision support system that will allow decision makers to effectively prevent and manage climate disasters, such as floods, fires and heatwaves. The adoption of an emergency systemas a support tool may depend on the approval of these authorities so it is highly relevant for the consortium to establish contacts and fluent communication with these stakeholders such as municipalities, prefectures, local or regional governments, ministries (regional and central), authorities or offices of those governments and finally the central government.

2.1.2 End Users

First Responders and Civil Protection will be aided from projects such as beAWARE, which develops sets of tools that will aid them from the initial phases, through the response phases, to the final phases of an event with multiple technologies and systems that will greatly advance in their capability to improve the management of natural disasters. Furthermore, civil society organization can benefit from the beAWARE platform and it can organize and track the rescue teams and volunteers that will participate in operations from the beginning until the end of a crisis.

2.1.3 PSAP Operators, Technology providers and Industries

beAWARE promotes innovation across many disciplines. The integration of data and the accessibility through multiple types of devices proposed by beAWARE could be applicable to other emergency management systems and be useful for insurances and construction companies that usually purchase data to make predictions on the onset of natural disasters that potentially affect their assets. In addition, current flood and fire emergency system

distributors already providing solutions to the emergency management units (e.g. flood barriers) could have an interest in extending their range of products. In fact, they could offer a solution that seems to be unique in the market and that can provide a significant list of benefits to the final customers (e.g. Civil Protections). Therefore, also in this context, beAWARE can respond to a market need, impacting on market growth of the sector addressed, thanks to an overall improvement in market positioning, an increase in revenues, and a reduction of costs supported for damage restoration and/or recovery.

2.1.4 General Public (Citizens)

Citizens in affected areas are one of the main sources of information through the gathering of crowd sourced and social media data (despite they are not the only one). In addition, they are in need of up-to-date and quick information on disasters. Thus, it is important to establish an efficient communication flow with them.

2.1.5 Scientific community

beAWARE platform integrates competences across multiple sectors, such as: environmental sciences including meteorology, Hydrology, different computer technologies or Global Navigation Satellite Systems including Global Positioning System. This combined expertise together with the technological developments generated in the project will be of interest to scientific communities.

2.2 Synergies with related projects and initiatives

beAWARE members of the consortium is important to have contacts with other EU related programs and organizations that take part or are involved. Furthermore, there are initiatives, from small and not so well organized to established ones, from local to European level.

European related projects such as iSCAPE, iREACT, MULTISENSOR, ANYWHERE and other ones can give good base knowledge and know how beAWARE members and their results can be good steps for a better and more accurate final results for beAWARE. In the near future, contact will be made with those projects for exchanging knowledge and to support beAWARE project with their research and results.

Moreover, across Europe there are some initiatives and ideas that are trying to be expressed and organized in a major level. Those ideas are either from citizens, or small groups, teams or even organizations. It is important beAWARE members exploit and make contacts with individuals that are interested in the fields of beAWARE and write down those ideas in order to be exploited inside the project. From newsletters, social media and open workshops those individuals can be tracked and members of the consortium can communicate with

them. Also, those individuals/groups or organizations will enter the Network of Interest (NoI) of beAWARE in order to take continuous feedback and ideas for more exploitation.

2.3 Journal and Conference Publications

In this section will bepresented the journal and conference publications of thebeAWARE consortium.

beAWARE is a multipart project and many important part and ideas can be published as scientific papers or in general publication. Below, it is presented the already publications of beAWARE members.

#	JOURNAL/ PUBLICATION	TYPE	EXP. DATE	TARGET GROUP	PARTNER	RELEVANCE TO THE PROJECT / YOUR OBJECTIVE
1	*Journalof …*	*ONLINE, OPEN*	Sep 2017	ICT, Engineering	CERTH	*Presentation: "Combining Computer Vision and Language Processing for Advanced Search, Retrieval, Annotation and Description of Visual Data"*
2	TBD		*Dec 2017*	*ICT, social media*	*CERTH, FMI*	*Paper related to T4.1 Social Media Monitoring*
3	*INSCI2017 (Springer)*	*Conference proceedings*	*Nov 2017*	*ICT, multidisciplinary audience*	*CERTH*	*A Topic Detection and Visualisation System on Social Media Posts*
4	*SemEval-2017 "Task 9: Abstract Meaning Representation Parsing and Generation", @ 55th Annual meeting of the Association for Computational Linguistics (ACL*	*Workshop proceedings*	*Aug. 2017*	*ICT, linguistic generation*	*UPF*	*Shared task participation and paper related to T5.4: Mille, S., Carlini, R., Burga, A., Wanner, L. FORGe at SemEval-2017. Task 9: Deep sentence generation based on a sequence of graph transducers, pp.*

#	JOURNAL/ PUBLICATION	TYPE	EXP. DATE	TARGET GROUP	PARTNER	RELEVANCE TO THE PROJECT / YOUR OBJECTIVE
	) 2017					*920-923, Vancouver, Canada.*
5	*10th Inter. Conference on Natural Language Generation (INLG 2017)*	*Conference proceedings*	*Sep. 2017*	*ICT, linguistic generation*	*UPF*	*Paper & demo related to T5.4: Mille, S. and L. Wanner. A demo of FORGe: the Pompeu Fabra Open Rule-based Generator, Santiago de Compostela, Spain.*
6	*"Natural Language Generation for the Semantic Web" challenge (WebNLG 2017) @ INLG*	*Challenge proceedings*	*Sep. 2017*	*ICT, linguistic generation, Semantic Web*	*UPF*	*Challenge participation and paper related to T5.4: Mille, S., S. Dasiopoulou. FORGe at WebNLG 2017, Santiago de Compostela, Spain.*
7	*Shared task on Extrinsic Parser Evaluation (EPE 2017) @ DepLing 2017 &IWPT 2017*	*Shared task proceedings*	*Sep. 2017*	*ICT, dependency linguistics, parsing*	*UPF*	*Shared task participation and paper related to T3.2: Mille, S., R.Carlini, I. Latorre and L. Wanner. UPF at EPE 2017: Transduction-based Deep Analysis, pp. 80-88, Pisa, Italy.*
8	*End-to-end (E2E) data-driven NLG challenge*	*Challenge proceedings, to appear*	*Feb. 2017*	*ICT, linguistic generation*	*UPF*	*Challenge participation and paper (under submission) related to T5.4.*

Table 1. Journal and Conferences publications of beAWARE members

3 Dissemination Strategy

The dissemination strategy of beAWARE is both internal and external, each of which is discussed in turn below.

For **internal purposes**, this dissemination strategy provides members of the beAWARE consortium with an effective and efficient blueprint to follow in disseminating the work and results of beAWARE. Internal communication will be conducted via email, periodicteleconferences and face-to-face meetings (around other workshops). Shared documents (including project documents, case study data and reports and publications) are stored in a wiki page, giving all partners access at all times. The project website has both internal and external audiences in mind.

The **external objectives** of the beAWARE dissemination strategy are (from the Description ofAction):

- To develop a multi-dimensional communication and dissemination plan and promote the project's developed services and outcomes in order to increase awareness among project's stakeholders and the general public.
- To provide viable business models that will lead to the long-term sustainability of the proposed approach involving all actors of the value chain he beAWARE dissemination strategy provides the basis for engaging with stakeholders through a stakeholder identification, analysis and interaction process.
- To plan and verify the exploitation potential, during and beyond the end of the project progress. The objectives of this WP are to manage the project to time and budget; to co-ordinate the activities; to monitor and adjust the implementation plan if necessary; to monitor the data management and the ethics.

Specifically, the dissemination plan should explain:

- What will be disseminated? (the key message)
- To whom? (the audience)
- Why? (the purpose)
- How? (the method)
- When? (the timing)

Finally according to DoA the dissemination strategy of beAWARE is divided in three periods which are presented below.

PERIOD	OBJECTIVE	APPROACH
1	AWARENESS ID TARGET AUDIENCE & NEEDS RECRUIT USERS	- Website development - Publication of support material, mass media. - Scientific papers to relevant journals and conferences. - Events with similar EU or national projects.
2	ACTIVE USER GROUPS TRAINING OF PILOT USERS	- Organization of Focus Group workshops - Pilot Users training through info days - Enrich website and all mass media channels
3	FIND POTENTIAL CUSTOMERS PROMOTE PRODUCT/SERVICE	- Organization of a pan-European Workshop - Focus Group with the UG - Enrich website and all mass media channels - Scientific papers to relevant journals and conferences

Table 2.Dissemination strategy period

4 Communication Strategy

The communication strategy has been planned in order to maximise the effectiveness of the proposed measures by performing them in a timely manner across the beAWARE project.

The different communication actions as part of the consortium have been customised in order to specifically target different stakeholders.Below, there are presented different action points where beAWARE members participate and contribute.

4.1 Events Conferences and Workshops

beAWARE members participated or will participate in different events, conferences and workshops. Below, a table of those events and conferences is presented from the wiki.

Furthermore, in order to assist all partners of the beAWARE project, an attempt to insert all seminars, workshops and conferences related to beAWARE in order to provide to all partners a way to track and inform the consortium of an upcoming event, regardless if that specific partner will attend the event. That way, all partners can be informed and plan their potential participation.

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
1	SRS Security Congress Bilbao		October 2016	Bilbao Spain		PLV	
2	iV&L Net (COST Action IC1307: The European Network on Integrating Vision and Language	COST ACTION	3 February 2017	Lisbon, PT	COST Members	CERTH	Presentation: "Combining Computer Vision and Language Processing for Advanced Search, Retrieval, Annotation and Description of Visual Data"
3	Collaboration Police-Fire fighters in emergencies		February 2017	Valencia, SP	First responders	PLV	
4	The 20th European Police Congress, topic "Europe		22 February 2017	Berlin, GE	Industry, LEAs	PLV	

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
	– boundless? liberty, mobility, security"						
5	SMILE Conference		3 April 2017	Long Beach, CA USA	Industry, Media, LEAs	PLV	
6	Community of Users on Safe, Secure and Resilient Societies		6th 13/03/2017 7th 15/05/2017 8th 12/09/2017			CERTH	
7	Safe Greece 2017		28-30/6/2017	Athens, Greece		CERTH	
8	6th Meeting of the Community of Users on Safe, Secure and Resilient Societies		13 April 2017	Brussels, Belgium		CERTH	
9	DRIVE+		26/09/2017			CERTH	
10	5th International Conference on Healthcare System Preparedness and Response to Emergencies & Disasters- IPRED V	Israeli Ministry of Health	14 – 17 January 2018	Israel	Health care, disaster relief, emergency practitioners and researchers	HRT	
11	15th International Conference on Information	Conference	20 - 23 May 2018	Rochester NY, USA	Academic researchers and practitioners	IOSB	

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PAR TNE R	RELEVANCE TO PROJECT / YOUR OBJECTIVE
	Systems for Crisis Response (ISCRAM)						
12	ESOF (EuroScience OpenForum) 2018	OPEN FORUM	July 9-14, 2018	Toulouse, FR	Scientists, innovators, policy makers, business people and the general public	AAW A	
13	IDRA 2018 - Italian National Hydraulic Conference		September 12-14, 2018	Ancona, IT	Scientists, innovators, policy makers, business people	AAW A	
14	5th IAHR Europe Congress "New challenges in hydraulic research and engineering"		June 12-14, 2018	Trento, IT	Scientists, innovators, policy makers, business people	AAW A	
15	International conference on Citizen Observatories for Water Management		2018/2019		Scientists, innovators, policy makers, business people	AAW A	
16	International conference on Citizen Sciences		2019		Scientists, innovators, policy makers, business people	AAW A	
17	European Meteorologica l Society: Annual Meeting	Serving Society with better Weathe	03-07 September 2018	Corvinus Universit y, Budapest	Researchers	FMI	

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
	(EMS)	r and Climate Information					
18	American Meteorological Society: Annual Meeting (AMS)	World's largest yearly gathering for the weather, water, and climate community	7–11 January, 2018	Austin, Texas, USA	Researchers, scientists, practitioners, amateurs, related fields	FMI	
19	Royal Meteorological Society: Annual Meeting (RMetS)	Weather and Climate Impacts: From research and services to application and policy'	July 2018	UK	Researchers, scientists, practitioners, amateurs, related fields	FMI	
20	104th Technical Committee meeting of the open Geospatial Consortium		September 2017	UK		IOSB	Presentation "OGC SensorThings API in HERACLES & beAWARE - Tools, tips and tricks
21	SemEval-2017 "Task 9: Abstract Meaning Representation Parsing and Generation	Workshop	Aug. 2017	CANADA	Computational linguistics community	UPF	Presentation of the UPF generator in a shared task

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
22	10th Inter. Conference on Natural Language Generation (INLG 2017)	Conference	Sep. 2017	Spain	Automatic Text generation Community	UPF	Presentation of the UPF generator
23	"Natural Language Generation for the Semantic Web" challenge (WebNLG 2017) @ INLG	Challenge proceedings	Sep. 2017	Spain	Automatic Text generation Community	UPF	Demonstration of the potential of the UPF generator in a text generation competition
24	Shared task on Extrinsic Parser Evaluation (EPE 2017) @ DepLing 2017 & IWPT 2017	Shared task proceedings	Sep. 2017	Italy	Automatic text analysis community	UPF	Demonstration of the potential of the UPF generator in a text generation competition
25	End-to-end (E2E) data-driven NLG challenge	Challenge proceedings, to appear	Feb. 2018		Automatic text generation Community	UPF	Demonstration of the potential of the UPF generator in a text generation competition
26	Surface generation shared task and ACL 2018 Workshop	Workshop proceedings	July 2018	Australia	Automatic text generation Community	UPF	
27	SICUR 2018 (Envisioned) conference	Conference	20th-23rd February 2018	Madrid (Spain)	Companies, associations, professionals and users of safety and security	PLV	International Exhibition for Security, Safety and Fire usually attracting an audience of more than 40000 visitors from 76 European countries, and 1300+ companies from 21 different countries.

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PAR TNE R	RELEVANCE TO PROJECT / YOUR OBJECTIVE
28	ICGTNHM 2018:20th International Conference on Geospatial Technologies and Natural Hazard Management https://www.waset.org/conference/2018/05/amsterdam/ICGTNHM	Confere nce	10 – 11 May 2018	Amsterdam (The Netherlands)	Academic scientists, researchers and research scholars	PLV	To exchange and share their experiences and research results on all aspects of Geospatial Technologies and Natural Hazard Management
29	ICNDAHR 2018: 20th International Conference on Natural Disasters, Assessing Hazards and Riskhttps://www.waset.org/conference/2018/05/london/ICNDAHR	Confere nce	14-15 May 2018	London (UK)	Academic scientists, researchers and research scholars	PLV	To exchange and share their experiences and research results on all aspects of Geospatial Technologies and Natural Hazard Management.
30	ICGHHAM 2017: 19th International Conference on Geological Hazards, Hazard Assessment and Mitigation https://www.waset.org/conference/2017/12/sydney/ICGHHAM	Confere nce	4-5 December	Sydney (Australia)	Academic scientists, researchers and research scholars	PLV	To exchange and share their experiences and research results on all aspects of Geological Hazards, Hazard Assessment and Mitigation. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges

#	CONFERENCE/ EVENT TITLE	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
							encountered and solutions adopted in the fields of Geological Hazards, Hazard Assessment and Mitigation.
31	Natural Hazards Congress 2018https://naturalhazards.conferenceseries.com/middleeast/	Conference	March 19-20, 2018	Bali (Indonesia)	The scholars, researchers from all over the world	PLV	Significance of Early warning systems and Risk Management Strategies
32	World Conference on Ecology (Ecology 2018)https://ecology.conferenceseries.com/	Conference	March 19-20, 2018	Berlin (Germany)		PLV	Raising an awareness to Conserve natural resources and Ecology

Table 3.Events, Conferences and Workshop participation of beAWARE members

Furthermore, an event planning table has been created in order all beAWARE members can insert and track in a unified calendar all events and plan their potential participation. The relative table has been also uploaded on the project's wiki page.

M1 Jan17	M2 Feb17	M3 Mar17	M4 Apr17	M5 May17	M6 Jun17	M7 Jul17	M8 Aug17	M9 Sep17	M10 Oct17	M11 Nov17	M12 Dec17
	iV&LNet		SMILE								
	20th European Police Congress										
					MS1						MS2

M13 Jan18	M14 Feb18	M15 Mar18	M16 Apr18	M17 May18	M18 Jun18	M19 Jul18	M20 Aug18	M21 Sep18	M22 Oct18	M23 Nov18	M24 Dec18
IPRED V					5th IAHR	ESOF	COLING	IDRA			
ISCRAM						ACL		EMS			
					MS3						MS4
M25 Jan19	M26 Feb19	M27 Mar19	M28 Apr19	M29 May19	M30 Jun19	M31 Jul19	M32 Aug19	M33 Sep19	M34 Oct19	M35 Nov19	M36 Dec19
					Citizen Observatories						
											MS5

Table 4.beAWARE event planning table

Finally, a table has been created in order to monitor and track any workshop participations of all beAWARE.

#	INFO DAYS/ WORKSH OPS	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
1	Workshop 1: User Requirem ent Analysis with First Responde rs	Training	May 2017	Venice, IT	First Responders	AAWA	
2	Info day	User requirem ents	May/June 2018	Vicenza, IT	Vicenza Municipality	AAWA	Inform the stakeholders of the improvement s done in beAWARE; definition of the final User requirements . Start planning of the first exercitation

#	INFO DAYS/ WORKSHOPS	TYPE	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
3	Training days	Training	From Sept. 2018 to Feb. 2019	Vicenza, IT	Civil Protection, Municipality of Vicenza, citizen	AAWA	Information and training for the planning of first exercitation
4	Info days: Meeting with schoolchildren	Awareness	Oct. 2018	Vicenza, IT	citizens and schoolchildren	AAWA	information about the project issues and proposal of participation at the first exercitation

Table 5.Participations of beAWARE members

4.2 Meetings with Stakeholders and User Groups

In order to record and report all meetings that beAWARE partners have done with stakeholders and user groups, a relative table has been create das well and has been uploaded to the wiki. The goal of those meeting is for all partners to

- Disseminate the project and its goals
- To communicate the project's results
- Attempt to involve the stakeholders as much as possible. Nevertheless, the level of involvement is two-fold. First, on the stakeholder's desired involvement and second on what the consortium will permit in each case.

The relative table is also presented in D8.7, due to its immediate relation to the NoI

#	WHO	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
1	Informal meeting with Greek fire	Feb 2017	Thessaloniki, GR	Stakeholder	HRT	Presentation of the project and

#	WHO	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
	Brigade					securing their involvement and participation in the user requirements and pilot implementation.
2	Informal meeting with ex-director of the Region of Central Macedonia Civil Protection Directorate	Feb 2017	Thessaloniki, GR	Stakeholder	HRT	Presentation of the project and securing their involvement and participation in the user requirements and pilot implementation.
3	Informal meeting with ex-director of the Hellenic National Meteorological Service	Feb 2017	Thessaloniki, GR	Stakeholder	HRT	Presentation of the project and securing their involvement and participation in the user requirements
4	Meeting with Head and deputy head of the Directorate of Civil Protection of the Region of Central Macedonia	July 2017	Thessaloniki, GR	Stakeholder	HRT	Presentation of the project and securing their involvement and participation in the user requirements and pilots
5	Stakeholdermeeting	Oct 2017	Vicenza/Venice, IT	Stakeholder	AAWA	Presentation of the project and securing their involvement and participation in

#	WHO	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
						the user requirements and pilot implementation.
6	Meeting with Head and deputy head of Civil Protection of Municipality of Thessaloniki	July 2017	Thessaloniki, GR	Stakeholder	HRT	Presentation of the project and securing their involvement and participation in the user requirements and pilots
7	Meeting with Head of director of Social protection and public health of Municipality of Thessaloniki	July 2016	Thessaloniki, GR	Stakeholder	HRT	Presentation of the project and securing their involvement and participation in the user requirements and pilots
8	Meeting with the priority coordinator at the Council of Baltic See Secretary in Stockholm	September 2017	Stockholm Sweden	Stakeholder	FBBR	Presentation of the project and securing their interest project
9	Presentation of the project for the Lead partner in HEIMDALL project	October 2017	Athens Greece	Stakeholder	FBBR	Presentation of the project and securing their interest project
10	Presentation of the project for New Zeeland Fire Service	November 2017	Christchurch New Zeeland	Stakeholder	FBBR	Presentation of the project and securing their interest project
11	Informal meeting	Apr 19, 2017	Vicenza, IT	Civil Protection	AAWA	Introductory meeting on the

#	WHO	DATE	PLACE	TARGET GROUP	PARTNER	RELEVANCE TO PROJECT / YOUR OBJECTIVE
				Municipality of Vicenza		project to set the flow of data necessary for the implementation of the activities.
12	1st Workshop	May 10-11, 2017	Venice, IT	BeAWARE partner, Vicenza Municipality	AAWA	Definition of User Cases and Initial User Requirement
13	Info day	May/June 2018	Vicenza, IT	Vicenza Municipality	AAWA	Inform the stakeholders of the improvements done in beAWARE; definition of the final User requirements. Start planning of the first exercitation (Feb. 2019)
14	Training days	From Sept. 2018 to Feb. 2019	Vicenza, IT	Civil Protection, Municipality of Vicenza, citizen	AAWA with support of the other beAWARE partners	Information and training for the planning of first exercitation (Feb. 2019)
15	Meeting with schoolchildren	Oct. 2018	Vicenza, IT	citizens and schoolchildren	AAWA	information about the project issues and proposal of participation at the first exercitation

Table 6. Meetings with Stakeholders and User Groups

5 Activities Report

Activities report for dissemination and communication play a vital role for beAWARE project. Report on past activities and future plans will provide to the members of the consortium the ability to track, monitor and create a complete picture on how the partners inform about beAWARE, in conferences, papers, workshops, formal and informal meetings.

Moreover, it is well known that a good communication strategy will provide the ability to broaden the knowledge around beAWARE fields, exploit the needs and also expand the Network of Interest (T8.3) with a methodological communication strategy.

A report of the activities that the partners carried out during the first 12 months of the project as well as their known planned activities and future steps for the upcoming period, are presented below.

5.1.1 Past Activities Report

FBBR

The beAWARE project, as one of the EU-funded project, has been presented on a Nordic bilateral conference in Stockholm in September 2017. Project's objectives, exploitation and dissemination strategies have been presented, related to the FBBR's scope of work in the field of Disaster Risk reduction – DRR, as well as the further steps in relation to the abovementioned strategies.

Moreover, beAWARE project's objectives and above mentioned strategies have been presented and discussed on the HEIMDALL project meeting in Athens in October 2017, which is an EU-funded project in the field of civil protection too.

The beAWARE project has been shortly named and presented to the contact persons in the Balkan countries – EU candidates regarding FBBR's dissemination strategy.

The project is described in the organization website and the progress of the project is continuously being communicated to the FBBR organization and other relevant stakeholders – at a municipal level.

IOSB

Dr. Hylke van der Schaaf (Fraunhofer IOSB) gave a presentation "OGC SensorThings API in HERACLES & beAWARE - Tools, tips and tricks" at the 104th Technical Committee meeting of the open Geospatial Consortium in September 2017 located at Southampton, UK. His talk

presented one of the first real world experiences using the newly specified Sensor Things API. The beAWARE project was chosen as a scenario use-case.

UPF

In the reporting period, UPF has authored one publication related to the task of content and knowledge extraction from text (T3.2) and four related to the task of linguistic generation (T5.4). More specifically, UPF participated with its graph transduction-based deep dependency parser in the Extrinsic Parser Evaluation (EPE) shared task, sponsored jointly by the International Conference of Dependency Linguistics (DepLing) and the International Conference on Parsing Technologies (IWPT). Evaluating the performance of deep parsing within state-of-the-art downstream applications, EPE afforded a very informative test-bed for comparing different dependency representations, confirming the appropriateness and validity of the principles underlying UPF's graph-transduction-based framework. As far as dissemination related to the task of linguistic generation is concerned, UPF participated in a several natural language generation challenges, namely SemEval, WebNLG and E2E, with its rule-based generator, showcasing its ability to cope with input representations of different abstraction (deep dependencies, structured data, and ontologies) and pertinent constructions, including aggregation and pronominalization. A demo of the generator was also presented in the International Conference on Natural Language Generation (INLG), the official conference of the Special Interest Group on Natural Language Generation (SIGGEN) of the Association for Computational Linguistics (ACL). Finally, Dr. Simon Mille presented the publications listed in section **Error! Reference source not found.**in the respective conference and workshop venues.

HRT

Hellenic Rescue Team made some contact meetings with organizations, national, regional and local authorities to inform them about the beAWARE project. The meetings that took place during the first period of the project were with the most relevant authorities in the city of Thessaloniki, in relation to the domain of the beAWARE system. On that purpose, HRT had meetings with:

- The Head and deputy head of the Directorate of Civil Protection of the Region of Central Macedonia, where the needs of civil protection were discussed such as the faster flow of accurate data, the ability to organize volunteers during an event and the ability to ensure faster communication between relevant authorities, from national to local. Furthermore, HRT discussed the involvement of the Civil Protection Directorate during the pilot that will take place in Thessaloniki

- The ex-director of the of the Directorate of Civil Protection of the Region of Central Macedonia, where past practices of managing major events were discussed, along with potential requirements of the end users

- The ex-director of the Hellenic National Meteorological Service, who informed HRT about data gathering and processing as well as how the alerts were distributed to authorities, organizations and to the public generally

- The Hellenic Fire Brigade, Central Administration in the Region of Central Macedonia, where HRT was informed on how the Fire Brigade gathers information and receives alert notifications using their own PSAP, how they manage calls, their fleet and their personnel. Furthermore, they presented to HRT their new PSAP software and overall control room for Northern Greece, in Thessaloniki, and also made a small simulation of an operation from the moment they receive a call until the end of the operation. Finally, they became a member of the Network of Interest and a preliminary discussion was made for their involvement in the pilot

- The Head and deputy head of Civil Protection of Municipality of Thessaloniki, where HRT presentedthe beAWARE project and discussed about their actions, steps and procedures during crisis events. They became a member of the Network of Interest and have been informed about the project's future steps, as well as the implementation of pilots that will take place in Vicenza, in Valencia and in Thessaloniki, discussing if they will participate actively or as observers

- The Head of director of Social protection and public health of Municipality of Thessaloniki where again HRT presented the beAWARE project and discussed about their actions, steps and procedures during crisis events. They also became a member of the Network of Interest and have been informed about the project's future steps, as well as the implementation of pilots that will take place in Vicenza, in Valencia and in Thessaloniki, discussing if they will participate actively or as observers.

AAWA

The first activity organized by AAWA took place in Vicenza (Italy) on 19 April 2017. It was an informal meeting between AAWA and Civil Protection Municipality of Vicenza. Its goal was to introduce the main stakeholder in the use case in the project and set the necessary flow of data for the implementation of the future activities.

The following month (on 10-11 May 2017), the first workshop of beAWARE was settled in Venice, organized by AAWA. During this workshop, in presence not only of the entire consortium, but also of the delegate of Vicenza municipality, all the User Cases (flood, fire and heatwaves) and the Initial User requirements were defined

5.1.2   Future Activities Plan

FBBR

FBBR will continue disseminating and communicating about the project to relevant other EU project meetings, throughout the organisation, relevant stakeholders, contacts, etc. This will be done trough newsletters, website, meetings, etc. Wherever it is relevant and interest is shown, FBBR aims to disseminate the project and its progress

IOSB

Fraunhofer IOSB will submit a paper to the 15th International Conference on Information Systems for Crisis Response (ISCRAM) Conference upcoming at 20 - 23 May 2018 in Rochester NY, USA. The title will be "The sensor to decision chain in crisis management". Fraunhofer IOSB is planning to setup a workshop about sensor data management in crisis management at the OGC TC/PC Meetings in September 2018 in Stuttgart, Germany.

CERTH

beAWARE will organise the WORKSHOP: 1st International Workshop on Intelligent Crisis Management Technologies for climate events - ICMT in ISCRAM 2018

UPF

UPF will continue its scientific dissemination activities via submissions to conferences, workshops and journals pertinent to the research areas of the tasks undertaken within the project. Indicative planned submissions include investigations into universal dependencies-based deep parsing and their mapping to predicate-argument structures to linguistic venues, such as ACL 2018 (http://acl2018.org/) and COLING 2018 (**http://coling2018.org/**). Furthermore, UPF will continue exploring possibilities for further expanding its network of interest as well as searching for opportunities to promote beAWARE beyond the scientific community.

HRT

HRT's future activities plan is to expand the Network of Interest, to contact and attempt to involve in the project more national and local authorities. More specifically, an Info-day will be planned in order to inform citizens in Thessaloniki about the beAWARE project, its goals and its tools for citizens. Furthermore, citizens will be invited to express the opinions, ideas and problems they face in order to be noted. Also, a demonstration day in order to present the beAWARE platform to relevant stakeholders and potential end users will be carried out, however after the completion of the pilots.

Regarding the Network of Interest, HRT plans to hold a second round of face-to-face meetings and will also search for new potential organizations and authorities that will be interested in technology and want to become members of the NoI. Last, HRT plans to participate in events, conferences and related workshops in order to promote the beAWARE project among the search and rescue community.

AAWA

AAWA's planned activities include the participation at the main Italian and European conference about hydraulics and flood risk management, the organization of an international conference (the second edition of COWM) and the planning of meetings, info days and training days with the authority, first responders and citizen of Vicenza.

AAWA has planned a presentation about "An effective citizens' participation in environmental stewardship: the Vicenza's study case", that will take place in the session "Sustainable cities, sustainable living" of ESOF (EuroScience Open Forum) 2018. ESOF is a biennal open forum settled in Toulouse (FR) from July 9 to 14, and it represents the largest interdisciplinary science meeting in Europe. It is dedicated to scientific research and innovation and offers a unique framework for interaction and debate for scientists, innovators, policy makers, business people and the general public. Created in 2004 by EuroScience, this biennial European forum brings together over 4000 researchers, educators, business actors, policy makers and journalists from all over the world to discuss breakthroughs in science. More than a 40% of the participants are students and young researchers. For this reason, the participation at this important forum offers an important opportunity to improve the visibility of beAWARE's related issues.

It will also be planned a presentation of the beAWARE applications in the Vicenza Pilot AREA during The Italian National Hydraulic Conference, IDRA 2018 (September 12-14, 2018 in Ancona, Italy). As the main conference in Italy about hydraulic constructions, IDRA will gather together the main, national and international, scientific researchers, professionals in these fields and public administrations. The next edition of IDRA will focus on the responding to Citizen needs about water management and hydraulic and hydrogeological risk management, so it will be one of the most suitable contexts for presenting the beAWARE application to the Academic world.

A beAWARE application in the Vicenza pilot area will also be presented by AAWA during the 5th edition of IAHR Europe Congress "New challenges in hydraulic research and engineering" in Trento (Italy) from June 12 to 14, 2018. This Congress aims to provide a forum where scientists, especially early career researchers, innovators, policy makers and business peoplecan present their work and discuss their ideas with experts in all the fields of hydraulics. The congress deals with traditional themes linked to water (hydraulics,

hydrology, fluids mechanics and hydraulic constructions) and also new strategies of defence against extreme events and the effects of climate changes, among which AAWA will present the beAWARE application and related issues.

AAWA is also organizing the 2nd International Conference on *Citizen Observatories for natural hazards and Water Management* (COWM 2018), that will be held November 27-30, 2018 in Venice, Italy at the Palazzo Labia. AAWA has scheduled a specific session about "Decision support in extreme weather climate events".The previous edition, COWM 2016, was a memorable event, with more than 75 scientific contributions received, with the presence of more than 15 nations and with 1 million views onsocial media channels. The conference was characterized by a very high quality discussion and debate among specialists of the international academic communities, including professionals, public administrations, businesses and engineering companies engaged in the water resources sector. The COWM 2018 conference will focus on the potential of Citizen Science in the European (and beyond) water innovation landscape, and in particular in the fields of Environmental Management, Natural Risks management, Land use monitoring and management, investigating the role and opportunities for an active citizen participation in policy making and the new technologies and methods to support Citizen Observatories. The event, as in 2016, will provide opportunities to engage with researchers, academics and practitioners actively involved in improving the understanding of citizen science initiatives and policy making bodies, and to find out more about the potential of Citizens' Observatories in empowering the society and improving the resilience at the community scale. This will be the most suitable contest to publicize, disseminate and promote beAWARE. More specifically, beAWARE related issues will be discussed during the session "Decision support in extreme weather climate events".

AAWA will also provide to some dissemination and communication activities which involve stakeholders and citizen.

Delegates of Vicenza Municipality and the other main end-users (Municipal group of Vicenza Civil Protection; National Association of Carabinieri (Italian Army Police); National Alpine Trooper Association; Coordination of Voluntary Associations of Civil Protection, Province of Vicenza; Italian Red Cross; Fire Brigades; Local Police; Regional and local authorities and others) will be involved in an info day (settled in May or June 2018) in order to inform them about the activities done in the development of beAWARE and to define the final User requirements. We will also start planning the field exercitation.

With the support from the other beAWARE partners, From September 2018 to February 2019 some training days will be organized in Vicenza, involving the authorities, first

responders and citizen. These activities aim to inform and prepare the stakeholders for the field exercitation.

Finally, AAWA will provide a meeting with schoolchildren and citizens, in order to aware them about the project's issues and involve them in the field exercitation.

6 Conclusions

In this document an analysis of the target groups, the dissemination and communication strategy and the activities report has been presented.

Dissemination is something that needs to be planned and organized. A strategy that identifies the steps and the methods to achieve it will ensure its success.

It is noted down that different types of target groups can give multiple and useful information, contribution and ideas for the beAWARE platform, within a large geographic and economic coverage, involving various stakeholders and interested organizations of different types and background, offering them at the same time different levels of involvement.

Furthermore, significant to technical and end users, is the cooperation with related European, and not only, projects and initiatives which can provide extra knowledge and the know-how in many fields of beAWARE. Additionally, the participation of beAWARE members in conferences and their contribution in publications play vital role for the dissemination of beAWARE.

Dissemination and communication strategy is crucial for the support of the exploitation plan of the platform to a larger number of end users, technological providers, PSAP operators and other scientific and not only entities, who potentially are interested, want to collaborate, or even use the platform.

Finally, the activities reports, with coordinated and supported actions of all members of the consortium will contribute to the execution of the dissemination and communication strategy by providing a unified report and picture of activities made and those that are planned so that any weak points will be identified and corrective actions will be taken.

Summarizing, a sophisticated and methodological dissemination strategy, will explore correctly all the potential areas of interest in order to be more efficient, reliable and precise with the results that are goaled.