ARESIBO

HORIZON 2020

D8.4 Target audiences and dissemination plan

ARESIBO

Augmented Reality Enriched Situation awareness for Border security
ARESIBO – GA 833805

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Abstract:
This document describes the target groups of the project and the planned dissemination activities throughout the project lifetime. The project's dissemination strategy is presented together with the individual plan of each partner.

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List of Acronyms

Acronym	Meaning
AR	Augmented Reality
C2	Command and Control
CoU	Communities of Users
EAB	External Advisory Board
EU	European Union
LEA	Law Enforcement Authority
MR	Mixed Reality
N/A	Not Applicable
NGO	Non-Governmental Organisation
R&D	Research and Development
SAB	Security Advisory Board
STANAG	Standardisation Agreement
UAV	Unmanned Aerial Vehicle
VR	Virtual Reality
WG	Working Group

1 Executive summary

This document describes the target audiences and stakeholder groups of the project and the planned dissemination activities throughout the project lifetime. The project's dissemination strategy is presented together with the individual plan of each partner. The document also presents means that will be established for the dissemination of the project results (e.g., website, publications, workshops) and the social media channels. A preliminary identification of the target audiences of ARESIBO and the project dissemination plan has taken place for ensuring that (i) the project will take into consideration the interested communities in the domain of border surveillance systems, and (ii) the project will consider all the relevant actors in the technological and research domains of the project. The preliminary synthesis of the ARESIBO External Advisor Board (EAB) is also described.

2 ARESIBO Community Building

The ARESIBO community is established to ensure a close connection between the consortium and stakeholders for a positive influence on the project outcomes. Building a vivid relationship with target audiences allows the ARESIBO consortium an effective validation and communication within and beyond the project. Consortium partners are going to establish a network to a wide range of stakeholders. The ARESIBO community consists of various different stakeholders and includes, but is not limited to:

- ARESIBO consortium;
- Border control authorities;
- Law enforcement agencies (LEAs);
- Practitioners;
- Technology and domain experts;
- Scientific community (incl. R&D);
- Border security industry;
- National/international governmental and regulatory bodies;
- General public;
- Any other interested parties.

Target communities are involved from the initial project stage to ensure a close alignment of the technical development with end-users' requirements. Table 1 lists the most relevant communities identified at the time of writing this deliverable and how it is planned to involve these communities in the different project phases:

Table 1 – ARESIBO Target Communities

Target Community	ARESIBO Activities
Practitioner organisations (Border control authorities, coast guards, defence authorities, etc.) and LEAs	Involve end-users to: (1) collect input, (2) validate project outcomes, (3) share and disseminate objectives. LEAs in the consortium will use their network to collect inputs, set requirements and validate outcomes. In addition, they are closely involved in the dissemination/communication of the project.
Institutions & Regulatory Bodies (national & international)	Involved using communication & dissemination events. Incorporation of regulatory requirements and compliance insurance.
R&D community in Europe (incl. scientists)	Consortium will leverage relationships to raise awareness for the project and retrieve additional inputs.
Industry (technology developers, experts, etc.)	Involved via consortium relationships and communication/dissemination events. Create awareness for the project.
External Advisory Board	External experts that will be invited to participate in ARESIBO events and will help the project promote major outcomes and validate results.

2.1 Practitioner organisations and LEAs

The involvement of end-users in ARESIBO is crucial for the project development and project outcomes. End-users like the police, navies, cost guards, etc. are involved from the initial stage to collect their input on the requirements for the technical & human factors development. This target group will be primarily working with the project outcomes and are the group more closely involved in testing and validating the project. Project outcomes need to be continuously promoted to gain awareness and acceptance. This is primarily achieved by involving end-users in tests and demos, and by developing suited communication measures. Active involvement of end-users takes place during the demos and the following questionnaire to validate satisfaction. In addition, end-users in the consortium do not only provide their network, but also data that is used to prepare the tests and demos. In the following weeks, the ARESIBO consortium will leverage their network of end-users, requirements are defined, and responsibilities are assigned.

2.2 Institutional & Regulatory Bodies

National and international institutional and regulatory bodies set the legal boundaries. With it, they influence the development of ARESIBO objectives. Involving these bodies from the initial stage of the project will help in validating compliance. Especially workshops, meetings and other communication means will involve these bodies. The ARESIBO consortium assigns responsibilities and upcoming steps to involve institutional and regulatory bodies in various work packages.

2.3 R&D Community in Europe

The ARESIBO consortium has extensive contacts across the research and development community across Europe. The consortium will leverage this network to create awareness and to collect input. This target group includes various individuals and groups that are active on border security research and other related areas. The dissemination with researchers will be conducted via the consortium network, social media, workshops, research articles, usage of the website and more.

2.4 Industry

Innovative technology developers, data and digital experts and many other commercial branches may have a stake in this project. They are interested in learning about technological development of the project outcomes. In addition, these connections are leveraged to retrieve input on the state of the art technological development in related areas. Close collaboration of ARESIBO with the industry can fulfil the impact-making objective of disseminating and exploiting ARESIBO results during and after the project. Involving the industry can assure that ARESIBO objectives are developed even after project end. Ultimately, the border security industry may exploit the system project. Industrial actors can adopt and progress the project results. The ARESIBO consortium will contact and involve their individual network. Individual responsibilities within the consortium are assigned dependent on network opportunities (incl. border security industry, general security & surveillance industry, technology industry, other related or impacted industries).

2.5 External Advisory Board

The ARESIBO external advisory board (EAB) is not a part of the consortium, but will participate to and validate ARESIBO activities. It should consist, among others, of a limited number of border control authorities of member states, border and coast guard organisations, agencies, international organisations, NGOs, units, team and single experts, and other experts from the border security domain. The primary responsibilities of the EAB are foreseen in building relationships to end-users and to maximize dissemination by providing their individual networks. In addition, the EAB is foreseen to support and discuss requirement validation processes within the project by monitoring the project development. Nine preliminary members have been proposed and are invited by the ARESIBO coordinator to participate in the board (Figure 1). The exact synthesis of the EAB members will be finalized within the upcoming weeks. Currently, the preliminary members are contacted to finally agree on their membership in the EAB.

EAB No*	EAB member name	EAB Institution	Country	Expertise
1	Dr. Panayotis Kikiras	European Defence Agency	Belgium	Border Security and Defence
2	Prof. Ioannis Rekleitis	University of South Carolina	USA	Mobile Robotics, AI
3	Mrs. Manuela Tudosia	PoleCM Civil-Military Innovation Network	Belgium	Soldier Systems, Soldier Protection, EU Regulations
4	Dr. Arkady Zaslavsky	CSIRO Data61	Australia	Situation-awareness, IoT
5	Prof. Anthony Tzes	New York University – Abu Dhabi	United Arab Emirates	UxVs, Mechatronics
6	Prof. Hannes Kaufmann	Institute of Visual Computing and Human-Centered Technology, TU Wien	Austria	Mobile Augmented Reality and Virtual Reality
7	PhD Eng. Ion Peligrad	Romanian Ministry of Internal Affairs*	Romania	Border Security
8	Prof. David Pape	Dept. of Media Study, University at Buffalo	USA	Interactive Virtual Environments
9	Mr. Nikolaos Tsagkaris	Greek Customs**, Independent Authority for Public Revenue	Greece	Illicit trades, smuggling

* Romanian Border Control Authority, ** Greek Border Control Authority

Figure 1 – Preliminary synthesis of the ARESIBO EAB.

The EAB will play a crucial role in the dissemination of project outcome and aim to have a first access to dissemination plans for a validation of thereof, and for supporting dissemination by using their network in various domains of border security. The composition of the EAB should allow a continuous link to end-users and the direct promotion, as well as validation, of project outcomes. The EAB also helps to create awareness for the project and its results. It should be an active part of the ARESIBO community, also supporting the validation & promotion of communication channels (e.g. social media channels used, website contents, forum conversations, etc.).

3 ARESIBO dissemination plan

3.1 Project dissemination as a whole

The dissemination activities of ARESIBO aim to raise stakeholders' awareness about the project outcomes and to optimise project's implementation. Dissemination is essential for the project in order to get feedback from stakeholders, validate results and reach the target audiences for future exploitation. The content that will be produced and disseminated in ARESIBO includes:

- Public deliverables;
- Scientific publications to conferences and journals;
- Project news;
- Project events and workshops;
- Promotional material (leaflet, newsletters, presentation);
- Achieved results and milestones;
- Participation in the events by the consortium members;
- Organisation of the events by the consortium members, like workshops;
- Other relevant issues or matters.

The results to be obtained from the ARESIBO architecture and application seem quite interesting for the scientific and industrial communities and also very appealing for the general public. Hence, the consortium will actively disseminate and demonstrate the outcomes of the ARESIBO development and utilization. The overall goal is to disseminate research results speedily and to increase knowledge about ongoing research and activities with commercial potential within the border control and security domain. The following channels are foreseen for the dissemination activities of ARESIBO:

- **The ARESIBO web-site (www.aresibo.eu)**: Website exposure with an active cross-referencing from all partner web sites and search engines, also leveraging HTML5 and WebGL technology. It will facilitate the full dissemination of the results. The website will be flexible and progressively enriched with information as the work evolves. The website will sustain at least two further years after the end of the co-funded period. A preliminary version of the ARESIBO website has already been implemented and uploaded (Figure 2, Figure 3).

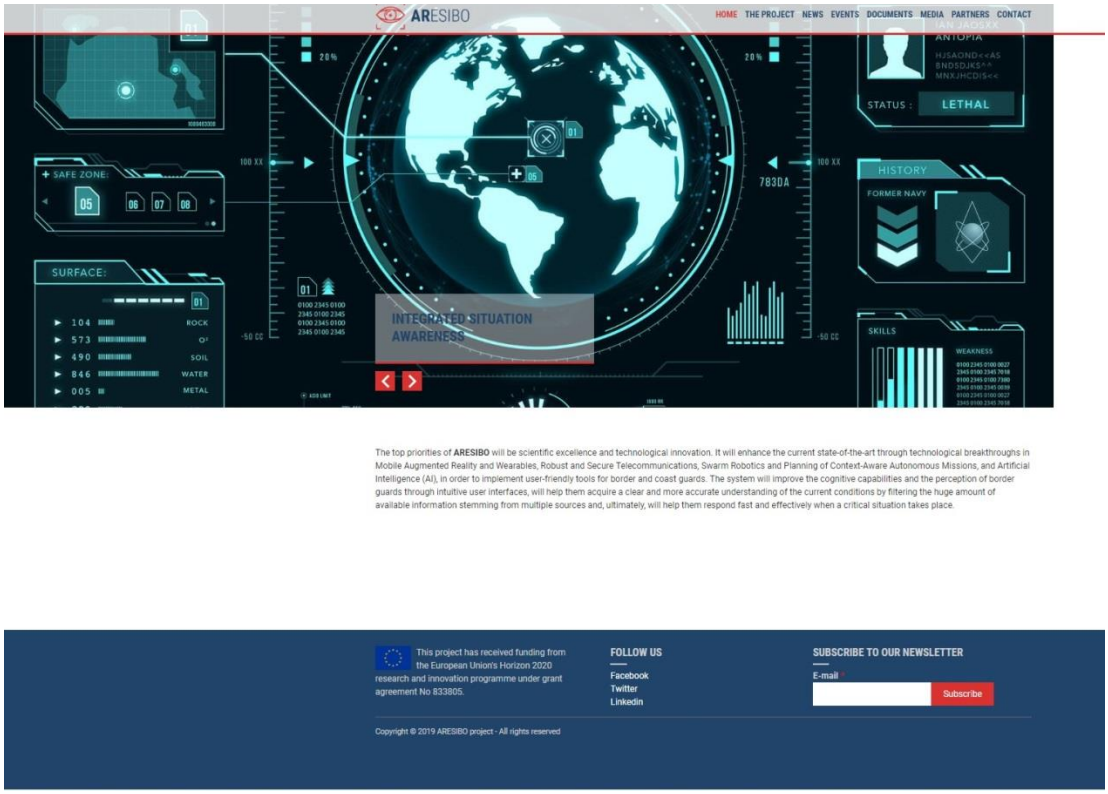


Figure 2 – ARESIBO website, Front page

Figure 3 – ARESIBO website, Project description page

- **Template presentation and deliverable template:** The project has already developed a Microsoft Powerpoint presentation (Figure 4) and a Microsoft Word document (Figure 5) that can be used as templates by the project partners to produce project presentations and documents, respectively, so to ensure a coordinated visual identity of the project. Both templates are compliant with visibility rules set by the EC.

Figure 4 – Presentation template

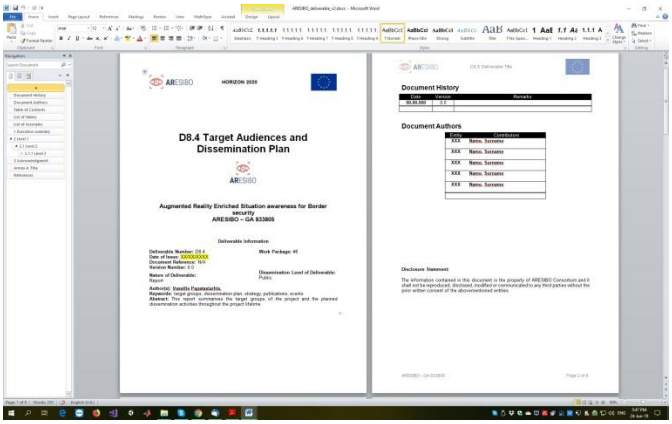


Figure 5 – Document template

- **Participation in Related Conferences and Events:** The partners will take action to maximize dissemination of project-related work through professional conferences, workshops, special events, and demonstrations. A detailed list of candidate events that the partners will investigate for disseminating the project outcomes can be found in Annex A: Candidate dissemination events for the project.

- **Social Networks**: ARESIBO will use web 2.0 social networks to virally advertise the project's outcomes and to demonstrate ARESIBO potential to the wide public. These include, among others, a project's LinkedIn Group, Facebook page, and a dedicated Twitter feed. Section 3.2 presents a detailed plan for the project presence using social media channels.

- **Conferences Papers, Journal Articles, Press Releases**: Dissemination of results will also be done through participation to fairs, conferences, exhibitions, workshops and other institutional related events. Sectorial conferences and specialized magazines will be considered for dissemination: partners usually participate along the year to important international sectorial conferences. These will be a good occasion for mainstreaming the results of the project towards suppliers and customers and exploring possibilities for the technology transfer. References to all publications will be collected on the web site. Examples of conferences include: International Conferences; Workshops and Symposia; Journals; Magazines; European Community Publications (e.g., Cordis Focus, ICT-Newsletter)

- **Direct dissemination activities:** user workshops will be organized by ARESIBO during the project to disseminate project results as well as focusing on capacity building, and utilizing the connection of ARESIBO to existing sources of multi-media data.

- **Liaison with other projects:** The consortium will also collaborate as much as possible with other ongoing projects to exploit opportunities for knowledge exchange and dissemination among the target audience. A detailed list of EU-funded projects and external initiatives that will be investigated to set up potential synergies is given in Annex B: EU projects and initiatives related to ARESIBO. Whenever this is possible, the ARESIBO Consortium intends to have dedicated workshops with related projects (e.g., as a panel in a conference).

- **Other Dissemination products and tools:** Brochure prepared in English to illustrate the project long-term impact. The project brochure aims at a very large spectrum of users, practitioners, and technicians. All presentation materials as appropriate shall be published on the project's web site.

- **Training sessions:** Organization of at least 3 training sessions in different EU member states.

- **Multimedia Project Presentation:** Creation of multimedia material targeted to a specific audience and describing the research objectives, challenges, tangible results and benefits will be setup together with the consortium members.

- **Standards:** the project spans a wide range of disciplines. Therefore, standardization activities will be pursued in many fronts. We indicatively mention Robotics, AR and Advanced User Interfaces, C2 Interworking.

- **Project Logo and identity:** Create and promote a unified image of the project, all dissemination and communication activities should carry the logo of the ARESIBO project. Two different versions of the project logo are presented below: (i) a horizontal version (Figure 6), and, (ii) a vertical version (Figure 7). The project visual identity will comply with all the visibility rules set by the EC.

Figure 6 – ARESIBO Logo, horizontal version

Figure 7 – ARESIBO Logo, vertical version

3.2 Social Media Channels

Social media has the capacity to reach a broad variety of target groups and other interested parties, while providing adapted contents. The ARESIBO community is enlarged, enriched and informed with the information provided. Furthermore, social media channels allow for a two way communication approach, in which project stakeholders may react to and interact with disseminated contents (e.g., input like opinions and discussions can be observed). To provide input to social media channels, all consortium partners are involved with assigned responsibilities.
Currently, LinkedIn, Facebook, and Twitter have been selected as the primary social media channels used in ARESIBO. Nevertheless, other social media channels may be selected in more mature stages of the project and after validation with the consortium, the EAB and other stakeholders. For ARESIBO, it is essential that all

partners are involved in the social media activities not only to build presence and ensure animation, but also to enrich with suited contents for ARESIBO target audiences. The following issues are currently addressed as follows:

- Decide on primary social media channels and validate their effectiveness in the project content.
    - Decide for additional social media if effective for the project
- Build an ARESIBO personality for each social media channel (e.g., consolidated project identity, beyond visibility issues)
    - Define presence and achievements for the social media channels
- Inform all ARESIBO partners about social media presence and provide guidance on how to contribute
    - Create awareness of the importance of social media for dissemination
    - Motivate partners to contribute
- Promote ARESIBO activities, achievements, services and benefits to the community

The following activities are assigned throughout the project to different consortium partners, while the inputs are validated from various community partners:

- Assign consortium partners to generate social media input (e.g., posts, tweets, press releases, etc.
- Recruit community members and guests to contribute to reviews for an effective adaption of the contents to target groups
- Ensure that postings are properly accompanied (e.g. review and respond to comments, delete inappropriate contents)
- Ensure visibility of contents (e.g. priority in search engines)
- Ensure that consortium partners leverage their own social media presence to link ARESIBO postings
- Link ARESIBO website to social media channels (harmonise inputs)

3.2.1 LinkedIn

The professional network LinkedIn has the potential to disseminate results and to create awareness for ARESIBO. Target groups, related and interested parties are present on LinkedIn. This channel has the potential to inform and enrich the ARESIBO community. Discussions and inputs can be collected in closed and open groups on LinkedIn.
ARESIBO consortium members communicate ARESIBO postings by linking ARESIBO references in own postings.

3.2.2 Facebook & Twitter

Facebook is a personal social media network, but target communities, industries and interested individuals are present with corporate accounts as well. Relevant postings and links to ARESIBO activities create awareness. Consortium partners, if present on Facebook themselves, leverage and inform their network about ARESIBO activities by sharing ARESIBO contents and development on their Facebook site. A Facebook ARESIBO group may be established and comments can be analysed.

Twitter posts and the definition of relevant hashtags enable to enlarge the ARESIBO communities. Target groups can follow ARESIBO and can find activities by previously defined hashtags.
The consortium will define social media responsibilities and provide its expertise in using social media for disseminating and enriching project outcomes.

3.2.3 Next steps

In order to establish social media presence, the following consortium activities will take place in the following weeks:

- Create ARESIBO accounts for LinkedIn, Facebook and Twitter;
- Assign responsibilities for first posts/tweets;
- Create first posts/tweets/links to ARESIBO on the channels (general information and objectives of ARESIBO);
- Motivate all consortium partners to link ARESIBO social media personalities on their own sites;
- Assign responsibilities within work packages to provide continuous inputs to the website & social media channels;
- Create a detailed description of planned activities and responsibilities;
- Validate social media usage;
- Discuss further social media presence with ARESIBO community.

3.3 Dissemination KPIs

Following the above dissemination strategy, ARESIBO consortium has set the Key Performance Indicators (KPIs) for measuring the success of its dissemination strategy. Table 2 presents a preliminary set of dissemination KPIs for ARESIBO.

Table 2 – ARESIBO Dissemination KPIs

KPI	Description	Target Value
Number of scientific publications	The project outcomes will be published to international journals conferences.	*20 scientific publications*
Page hits in the project website	Measured visits to ARESIBO website.	*2000 annually*
Social media channels	Social media presence.	*Project activity at least on 3 platforms*
Social media posts	Disseminate activity and results through social media channels.	*50 posts annually*
Leaflets	ARESIBO consortium will design and print leaflets to demonstrate results during events.	*3000 leaflets*
Conferences / workshop attendance	ARESIBO presentation to a wider community (scientific, industrial, public).	*20 presentations*
Internal workshops	ARESIBO presentation or demonstration, including Border Control authorities.	*3 workshops*
User Training	To show ARESIBO platform to end-users.	*4 days*

3.4 Individual dissemination

Apart from the project dissemination as a whole, each ARESIBO partner will establish a plan for individual dissemination based on the needs and goals of the organization. Table 3 describes the individual dissemination plan of each partner in ARESIBO.

Table 3 – The individual dissemination plan of ARESIBO partners

Partner	Dissemination plan
ADS	ADS are part of the Board of the French Industry council for trust and security (CICS, https://www.cics-org.fr). This council has been created to provide the French Government and authorities with a unique contact for the French industry strategy in security domain and to promote in France and to exportation market the new programmes and the new solutions in support to the development of skills and related employment. ADS will use CICS to disseminate and promote the results of ARESIBO. In addition, ADS, as UAV manufacturer, are part of all exhibitions and congress in the domain. In ADS programme, there is a dedicated office created for the topic of the fight against rogue UAV. This office will be involved all along the project duration and beyond to disseminate the outcomes of ARESIBO. Also, as providers of PPDR emergency solutions and communication networks in Europe and worldwide, ADS co-organise various events with Law Enforcement Agencies which is the opportunity to present new applications for LEA agencies and ARESIBO is fully eligible for that. Related to that, a large part of LEA agencies in Europe are clients of ADS and are in permanent contact to follow the technological developments of solutions that can be useful for security.
UOA	The dissemination of the project results will be assured on an international level as UoA's main target is the publication of its research results in major relevant conferences and peer-reviewed journals. In addition tutorials are foreseen within the context of large events, press releases, book chapters as well as publications on the web. UoA will include the technologies involved in ARESIBO in the curricula of existing or new graduate (MSc) programmes (e.g., UxV technologies and their relationship with advanced UI).
IML	Fraunhofer IML is an integral part for organising and implementing the ARESIBO dissemination and communication strategy. A major task will be community building in WP8. In addition, Fraunhofer IML will leverage their presence on social media for the dissemination and communication of ARESIBO. Fraunhofer IML has successfully established accounts on Twitter (@FraunhoferIML) and LinkedIn (https://de.linkedin.com/company/fraunhofer-iml). An account for Facebook, YouTube and Instagram is also active and can be used if desired. The Fraunhofer IML website is available in German and English language. All means will be used to raise awareness for the ARESIBO project and to communicate with different stakeholders and interested

	parties. The general ARESIBO dissemination plan will be expanded and may be adapted to the audience of Fraunhofer IML. The department of aviation logistics of Fraunhofer IML participates in different events around the world (e.g. humanitarian logistic fair, transport logistic fair, IATA conferences, and many more). The Fraunhofer Gesellschaft has a wide international research network in different research areas. Internal communication with other institutes within the Fraunhofer Gesellschaft is extended to raise understanding and awareness and to leverage a wider network. Own events and workshops will be supported and/or planned with other partners from the ARESIBO community. Definition of thereof takes place at a later stage.
IES	**Planned actions on social media** Regularly scheduled tweets (weekly or bi-weekly) from the company Twitter profile IES Solutions (@iessolutions) **Planned Tweets topics** • ARESIBO partners' introduction (approximately this activity will last for the first 3 months) • ARESIBO introduction and project start announcement (already done) • ARESIBO kick-off schedule and ARESIBO kick-off conclusion announcement (already done) • Announcements and short reports on ARESIBO meetings and workshops • Links to ARESIBO technologies, activities and development outcomes **Planned actions on the company Web Site (www.iessolutions.eu)** • Posts with reports on ARESIBO meetings and workshops • Periodic posts on ARESIBO technologies, activities and outcomes on the company website blog **Publications** • Plan to participate to initiatives for the publication of project's findings and implementations, together with other ARESIBO partners **Networking** • IES Solutions will disseminate ARESIBO activities and results within its network of contacts all around the Europe by leveraging more that 20 years of participation to European projects, and to its

	national (in Italy) and international customers and contacts
UBI	Publications - include ARESIBO in corporate website (mid July with relaunch of the page) Social Media - multiply project specific updates on social media channels (LinkedIn, Twitter) - include ARESIBO in social media campaign around Ubimax's research projects - possibility to share ARESIBO videos via YouTube channel Newsletters - share project updates in our external customer newsletter Events - Ubimax communicates research projects as part of the company's strategy on various trade shows (LogiMAT, HMI, ProMAT (US), Modex (US)) as well as technology focused shows (AWE (US + EU), EWTS)
CERTH	CERTH's dissemination activities in the context of the Aresibo project mainly involves the publication of its research in major relevant conferences and peer-reviewed journals. In addition, CERTH's dissemination plan will focus on presentations in workshops and conferences that are relevant to the main objectives of the project while the results will be circulated via the liaisons with local and regional networks. Finally, the corresponding personnel will be involved in relevant demonstrations and talks at symposiums aiming at an appropriate target audience. The development of dissemination materials such as leaflets and press releases will also be under the Institute's interests.
TEK-ASDS	TEK-ASDS will contribute to the dissemination of the ARESIBO project by making use of its communication channels and undertaking activities to support the consortium in reaching a broad spectrum of audiences. To this end, the following dissemination activities are expected to be carried out: • Participation and presentation of the project in dedicated national and international conferences and fairs related to Unmanned Aerial Systems, robotics and security; • Participation and presentation of the project in EMSA workshops; • Possible presentation of the project and sharing of relevant results in industry working groups (e.g. NATO NIAGs) • Periodic sharing of major updates and outcomes of the ARESIBO project in the company's social media channels, particularly Facebook and LinkedIn – TEKEVER's followers through these channels include general public, industry, academia, as well as relevant stakeholders in the border security domain; • Dissemination of the project – more focused on societal impacts

	and benefits to the society – in local/national media, where TEKEVER has a strong presence; • Dissemination of the project, with the consortium prior consent, in relevant national and EU projects in the security and robotics domain where TEKEVER is involved; • Contributions to dissemination material produced within the consortium, such as flyers and leaflets. The target audiences of these dissemination activities will include governmental security organizations, robotics industry, academia partners, customers in the UAV sector, regulatory bodies and public in general.
ROB	Robotnik always presents EU projects in the company's webpage. ARESIBO will have a dedicated page within the portal, with links to the official page of the project. Robotnik will also make use of newsletters to disseminate the project. Robotnik is also participating in different robotic events around Europe, and will disseminate the project (leaflets, posters, etc) on them.
HMOD	HMOD will disseminate the ARESIBO through activities like i) Exercises in the framework of NATO, ii) specialized training conducted in NMIOTC (Maritime Interdiction Operational training Center), Suda Bay, iii) presentations in Communities of Users (CoU) and Working Groups (WG) where HMOD has a systematic participation and contribution.
VTT	In this project VTT's role is Augmented reality expert. VTT has Virtual/Mixed/Augmented reality laboratory where are visiting more than 200 visitors a year. Visitors are from industry, academia, public bodies and research institutes. VTT will show ARESIBO project results during lab visits. VTT will publish and participate project results in relevant scientific conferences in field of Augmented reality and Human factors. VTT is corporate member of EuroVR association, which has annual conference in EU. ARESIBO project could try to have own special session in the conference after the first prototype is ready. Also, ARESIBO projects AR – prototype functionalities will be show and explained in VTT's YouTube channels and social media.
BDI	The objective of dissemination of ARESIBO project outputs is to raise public awareness and ensure maximum visibility of the project key objectives, activities and results. BDI dissemination activities with respect to ARESIBO aim at the widest audience possible given the available amount of resources. BDI have identified the following main groups of audiences as possibly interested in the project outputs: Policy-makers (ex. Main directorate "Border Policy" of the Bulgarian Ministry of the Interior); Industrial organization, relevant to ARESIBO project; research institutions, in areas, relevant to ARESIBO project domain and Related projects. Additionally, it has be identified wider audiences such as the general public, to be reached through communication for awareness purposes only – the EU citizens will be interested in understanding how

	they benefit from ARESIBO products and services as they pay for them indirectly (as EU funding for R&D results from taxpayer money, etc.) BDI team proposes to target these groups for the following dissemination activities: • One research report at International Scientific Conference "HEMUS 2020"; • One research paper, published in "Journal of Defence & Security Technologies"; (http://jdst.eu); • Presentation of ARESIBO project to external audience (representatives of the above mention groups); • Two press release, published in military newspaper „Bulgarian Army" (in Bulgarian). Publish news on the organisation website about the ARESIBO project, after each meeting and post on the BDI's social media account (Facebook).
MST	MST participates every year in fairs and events related to underwater robotics, such as Oceanology International and Ocean Business. Undersea Defense Technology (UDT) is a military oriented exhibition another great opportunity to show and collect inputs for the ARESIBO project. Other dissemination channels that will be used include on-line magazines and our company extended contacts data base for the robotics community.
FBG	The Finnish Border Guard contributes to the dissemination activities of the ARESIBO project with following strategy: The focus of FBG dissemination activity is to reach border control authorities and law enforcement agencies. FBG will use at least following channels for dissemination activities: • FBG´s website; www.raja.fi • Social media; Twitter and Facebook • Publications in the FBG journal for interest groups "Rajamme Vartijat" and if possible some science journals should the call text match for the research subject • Conferences and/or seminars In addition to the activities mentioned above, FBG will regularly disseminate ARESIBO results within the organisation by using different channels of communication, e.g. news on the intranet and training sessions or seminars.
MARINHA	All activities of CINAV's researchers and Navy professionals engaged in the project are to be published in social media hold by the organization, with two types of audiences:

	• Internal end-user in the operational community, dissemination through organizational social media, intranet portal, newsletters, workshops and meetings • External stakeholders, through publications in Marinha social media (Facebook, Twitter, Instagram, LinkedIn, institutional magazine “Revista da Armada” and regular meetings Intentions are to include one topic on AR and boarder control operations in some of the regular conferences and seminars hold by the naval academy. Additionally, all social events will have posters with information about the project, highlighting the special contribution of Navy’s experts, working in collaboration with other national and EU partners. All communications and post shall have in mind the following goals derived from the GA: 1. Disseminate the project goals to the interested audiences; 2. Disseminate the results to the interested audiences; 3. Report the guidelines and recommendations for adopted standards used within existing systems; 4. Encourage internal exploitation of the ARESIBO platform; 5. Expand the adoption of the ARESIBO platform by other national stakeholders. 6. Communicate the benefits of the platform to the interested parties. 7. Maximize the impact of the ARESIBO platform. For more direct engagement, we are currently undertaking the identification of internal end-user with relevant expertise and know-how to create groups of interest around the different task of the project. We intend to create one group in MARINHA Yammer Enterprise Social Network to support active online engagement in forums and blogs. We also already present several research topics for MSc dissertations that might be selected by naval Academy cadets. Acton are being made to also support one or two PhD research topics. All these studies are taken with the collaboration of CINAV. Live demos are to be exploited to support workshops, preferably after to collect feedbacks from end-user and other stakeholders, encouraging them in participating and to disseminate the project outcomes. Finally, research made around the project by CINAV researcher are to be submitted for presentation in conferences and publication in journals, mostly related with Human Factors, Maritime Affairs, AR and HCI.
VIASAT	VIASAT Switzerland will contribute to the dissemination of project results through its participation in the several international tradeshows such as Eurosatory (Paris), AUSVI (world UAV show in the USA), DSEI London, Milipol (Paris) and Farnborough Air show. VIASAT will rely on its marketing and public relation department which is regularly organising

	events and communications plan to promote the importance of SatCom in the implementation of situation awareness and a tactical bubble.
CMRE	The CMRE dissemination activities foreseen for ARESIBO project will consist of: • Scientific and Technical publications on major international conferences and/or international journals; • Dissemination and presentation in NATO Science and Technology Organization publications and events ; • Demonstrations in security and defence events. • News on other media-channels (e.g. national newspapers). CMRE is available to evaluate the possibility of getting in touch with national media for dissemination. Dissemination leader should provide the material to be sent to the media (in English, we would translate it into Italian, in case of Italian national media). CMRE is available to provide short abstracts of the CMRE deliverables submitted over the duration of the project, to be published by the Dissemination leader on social media and websites CMRE will present ARESIBO outcomes to the participants of the NATO MSG (Modelling and Simulation Group) fostering, in this way, the dissemination of ARESIBO work to all NATO Nations. Participation in the ongoing standardization activities for the specification of UxV telemetry and tasking commands (e.g., STANAG 4586, 5525, 4603).
CBRA	CBRA will organize the regular dissemination of customs and border force relevant ARESIBO outcomes to customs administrations in Europe as well as globally: (i) in Europe, the primary channel is the H2020 project PEN-CP (Pan-European Network of Customs Practitioners, 9/2018-8/2023, with 13 European customs administrations as project partners); and (ii) globally, the main dissemination channel is the World Customs Organization (over 180 member administrations) and its PICARD-program (Partnership in Customs Academic Research and Development) with the annual conferences held around the globe. • PEN-CP Magazine, 6 times a year published magazine targeted for customs practitioners. ARESIBO introduction in 2019. • World Customs Journal. Potential to publish outcomes of ARESIBO use case pilots. 2021-2022 (if customs relevance) • Journal of Transportation Security. Potential to publish outcomes of ARESIBO use case pilots. 2021-2022 (if transport security relevance) In addition, regular dissemination actions will be put in place by CBRA via the social media, in particular on Linkedin and Twitter. A short description of ARESIBO will be also included on CBRA website

	(under “Ongoing projects”), and the direct link to the ARESIBO project will be added under the section “Interesting Links” on CBRA website. Finally, ARESIBO objectives and activities will also be presented on the CBRA - PEN-CP Youtube Channel (mostly educational animations). https://www.youtube.com/channel/UCVNREOilB1Doex4u9E6AHkw/videos

ISIG	ISIG dissemination strategy foresees:
	
	• **Stakeholder mapping**, in order to ensure targeted dissemination activities at the local and cross-border level;
	• **Capitalization of ISIG institutional channels**:
	  ○ **Website** (www.isig.it): a dedicated ARESIBO page has been created, where all updates on ARESIGHO development will be published regularly. The website will promote the official project communication and dissemination channels;
	  ○ **Social media** (Facebook & Twitter): will be used to share relevant project news, events, seminar, workshops, etc. Social media accounts are updated on a weekly basis. In order to ensure a high visibility of the project, ISIG proposes the creation of an official hashtag (e.g. #ARESIBO; #H2020).
	• **Organization of press releases/conferences**, promoting the main project public events and giving adequate information, at the local and cross-border level, about project objectives, actions and main results and the EC contribution;
	• **Creation of promotional material** (e.g. project leaflets, roll-up, posters), which will give visibility of the project both at ISIG venue (in Gorizia) and during public events;
	• **Organization of workshops with identified stakeholders at the local and cross-border level** (mainly local authorities and law enforcement authorities), in order to disseminate projects activities and gather insights and feedbacks;
	
	Publications of project results (only PU) on research journals.

SPP	The Protection and Guard Service (SPP) is a state body with functions in the field of national security, specialized in providing protection for the Romanian dignitaries, the foreign dignitaries during their stay in Romania, and their families, within its legal competence. It also provides guard for the headquarters and residences of the above-mentioned dignitaries in accordance with the decisions of the Supreme Council of National Defense. SPP will actively promote the project objectives, technologies, innovations and results to the E.N.P.P.F (European Network for Protection of Public Figures) and A.P.P.S (Association of Personal Protection Services) meetings, during the meeting with other national

	and international LEAs, during EU and international workshops, conferences and tradeshows. As the SPP personnel participating in this project is very involved in the academic activities, publication in top tier scientific journals and conferences, including those specialised in law, policing, security, computer vision, is also envisioned as an dissemination activity.
ADMES	Dissemination activities will target a) end users in the multidisciplinary fields associated to marine and maritime engineering and economy, b) critical infrastructure providers and b) the public at large. The project concept will be demonstrated at industrial exhibitions planned for the next three years and to all the company's clients and partners. **ADMES** is participating in three research projects (two EU, and one National) and will promote ARESIBO with presentations and dissemination material to all the involved parties. Admes is working closely with major energy providers, maritime actors and other technology ventures and educational establishments for a wide range of applications, including surveillance monitoring of critical infrastructures such as wind farms, shipyard, and expects that the results of the project will demonstrate the capabilities of its innovative technology and prove that it can further enhance the performance of conventional border surveillance systems. **ADMES** dissemination will focus on target groups directly involved with the project results: European, national and regional end-users (law enforcement agencies, namely navy, police, customs, border forces, coast guard, national guards and stakeholders community, the scientific and technological research community working on related innovation and R&D domains, the general public, interested in being informed on European research efforts and its impact on society, the media, interested in being informed on ongoing European research efforts and its impact on society, whose work relates to border security and surveillance fields of expertise.

3.5 Dissemination rules

Each partner has to announce an intention to participate in an event or a possible document publication in advance. The Coordinator and the Project Management Board (PMB) have to be informed at least two weeks in advance. In case of scientific publications and project presentations to external audiences (i.e., outside the consortium), the respective partners have to inform the Coordinator and the PMB at least two weeks before the submission/presentation. To secure proper treatment of data and avoid any security violations, the Coordinator should ask the Security Advisory Board (SAB) and get the approval for the considered publication/presentation and the disclosed content.

Finally, any communication activity related to ARESIBO and any infrastructure, equipment and major results funded by the grant must:

(a) display the EU emblem, and,

(b) include the following text:

"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833805".

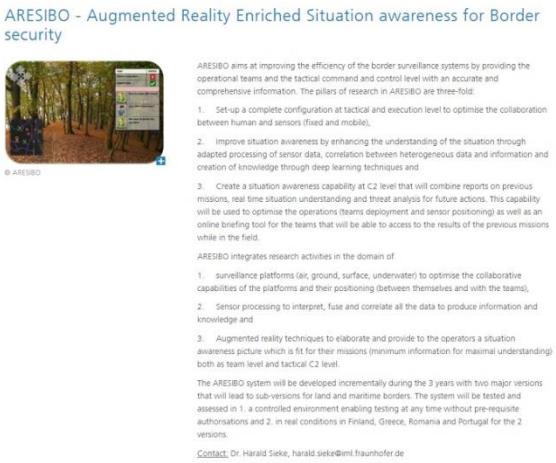
When displayed together with another logo, the EU emblem must have appropriate prominence.

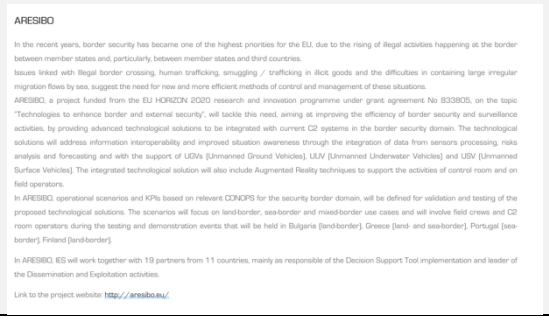
3.6 List of performed dissemination actions

Even from the very beginning phases of the project, the ARESIBO Consortium has started disseminating the project activities through the Web and the social media channels of the partners including the Kick-off meeting outcomes and the project objectives. Table 4 presents the list of dissemination actions that were performed within the first two months of the project lifetime.

Table 4 – List of dissemination actions from ARESIBO partners

Partner	Dissemination Action	Description	Comments
ADS	Presentation of ARESIBO in Frontex workshop for Border Guards. June 27th in Warsaw	Project presentation to the Border Guards and discussion	Tech.Foresight@frontex.europa.eu
UOA	New project announcement	Description of the project in the website of the p-comp group.	http://p-comp.di.uoa.gr/projects.jsp
	Kick-off announcement	Project kick-off was announced in UoA p-comp group's website.	http://p-comp.di.uoa.gr
	Presentation slides template	A .pptx template for project presentations was created.	*Available in the internal repository of the project.*
	Deliverables template	A .docx template for project deliverables was created.	*Available in the internal repository of the project.*
	Project Website	A preliminary version of the website as uploaded.	http://aresibo.eu/

IML	Fraunhofer Website	The start of the Project got published in the section of the Fraunhofer IML Website in English as well as German language.	*https://www.iml.fraunhofer.de/en/fields_of_activity/logistics--traffic--environment/project_center_aviation_logistics/News.html*  ARESIBO - Augmented Reality Enriched Situation awareness for Border security ARESIBO aims at improving the efficiency of the border surveillance systems by providing the operational teams and the tactical command and control level with an accurate and comprehensive information. The pillars of research in ARESIBO are three-fold: 1. Set-up a complete configuration at tactical and execution level to optimise the collaboration between human and sensors (fixed and mobile), 2. Improve situation awareness by enhancing the understanding of the situation through adapted processing of sensor data, correlation between heterogeneous data and information and creation of knowledge through deep learning techniques and 3. Create a situation awareness capability at C2 level that will combine reports on previous missions, real time situation understanding and threat analysis for future actions. This capability will be used to optimise the operations (teams deployment and sensor positioning) as well as an online briefing tool for the teams that will be able to access to the results of the previous missions while in the field. ARESIBO integrates research activities in the domain of 1. surveillance platforms (air, ground, surface, underwater) to optimise the collaborative capabilities of the platforms and their positioning (between themselves and with the teams), 2. Sensor processing to interpret, fuse and correlate all the data to produce information and knowledge and 3. Augmented reality techniques to elaborate and provide to the operators a situation awareness picture which is fit for their missions (minimum information for maximal understanding) both as team level and tactical C2 level. The ARESIBO system will be developed incrementally during the 3 years with two major versions that will lead to sub-versions for land and maritime borders. The system will be tested and assessed in 1. a controlled environment enabling testing at any time without pre-requisite authorisations and 2. in real conditions in Finland, Greece, Romania and Portugal for the 2 versions. Contact: Dr. Harald Sieke, harald.sieke@iml.fraunhofer.de *https://www.iml.fraunhofer.de/de/abteilungen/b3/projektzentrum_luftverkehrslogistik/news.html*  ARESIBO - Augmented Reality Enriched Situation awareness for Border security Ab Juni startet das dreijährige EU-Forschungsprojekt ARESIBO. Es zielt darauf ab, die Effizienz der Grenzüberwachungssysteme zu verbessern, indem den operativen Teams und der taktischen Führungs- und Kontrollebene genaue und umfassende Informationen zur Verfügung gestellt werden. ARESIBO integriert Forschungsaktivitäten im Bereich der 1. Überwachungsplattformen (Luft, Boden, Oberfläche, Unterwasser), um die Kooperationsfähigkeit der Plattformen und ihre Positionierung zu optimieren, 2. Sensorverarbeitung zur Interpretation, Verschmelzung und Korrelation aller Daten zur Erzeugung von informationen und Wissen und 3. Augmented-Reality-Techniken, um den Operatoren ein Situationsbewusstseinsbild zu vermitteln, das für ihre Aufgaben geeignet ist, sowohl auf Teamebene als auch auf taktischer C2-Ebene. Das ARESIBO-System wird in den nächsten drei Jahren schrittweise mit zwei Hauptversionen entwickelt. Das System wird in einem ersten Schritt in kontrollierter Umgebung getestet und bewertet, um anschließend unter realen Bedingungen in Finnland, Griechenland, Rumänien und Portugal erprobt zu werden. Die Abteilung Luftverkehrslogistik des Fraunhofer IML beteiligt sich mit seinem Know-How an dem im Rahmen von Horizon 2020 finanzierten EU-Projekt. Kontakt: Dr. Harald Sieke, harald.sieke@iml.fraunhofer.de
IES	*Social media:* *ARESIBO introduction / project start announcement*	Post on the company Twitter profile @iessolutions, introducing the start of the new project: https://twitter.com/iessolutions/status/1128568981156241409	 IES Solutions @iessolutions Our research and development activities in the security field continue and become stronger. We are proud to announce that #ARESIBO Project has started on May the 1st and the new #RESILOC Project will start on June the 1st. More details soon. 9:53 AM · May 15, 2019 · Twitter Web Client
	Social media: *ARESIBO kick-off announceme*	Post on the company Twitter profile @iessolutions, announcing the Kick-off meeting in	*https://twitter.com/iessolutions/status/1131587898590015489*

	nt	Catania.	
	Social media: *ARESIBO kick-off conclusion announcement*	Post on the company Twitter profile @iessolutions, announcing the conclusion of the Kick-off meeting in Catania.	*https://twitter.com/iessolutions/status/1135836912256790529* 
	Website: *ARESIBO kick-off conclusion announcement*	Post on the company website, announcing the conclusion of the Kick-off meeting in Catania.	*https://www.iessolutions.eu/en/aresibo-kick-off-meeting/* 
	Website: *ARESIBO presentation page*	Dedicated page on the company website, with a brief introduction to ARESIBO topics and objectives.	*https://www.iessolutions.eu/en/aresibo/* 
CERTH	Post in the Organization website (MKLab)	A new entry in the website of MKLab was included for the project under the following link	*https://mklab.iti.gr/projects/aresibo/*

	Post in the Organization website (ITI)	A new entry in the website of ITI was included for the project under the following link	https://www.iti.gr/iti/projects/ARESIBO.html
	ARESIBO presentation	Presentation was given during the event of «International Study Visit to CERTH, Thessaloniki: H2020 Secure Societies, Technical Assistance for Turkey in Horizon 2020 Phase II»	https://th2020.zendesk.com/hc/en-us/articles/360024714973-ISV-1-SECURE-SOCIETIES-International-Study-Visit-to-CERTH-Thessaloniki
BDI	News on BDI's web site	Publish news about start of ARESIBO project and Kick off meeting	www.di.mod.bg
	Post on BDI's Facebook account	Publish news about start of ARESIBO project and Kick off meeting	https://www.facebook.com/BulgarianDefenceInstitute/
FBG	Information about project to FBG`s extranet	Project description highlighted of the role of FBG	www.raja.fi/projects
CBRA	ARESIBO introduction at CBRA website	Update coming online during summer 2019	https://www.cross-border.org/projects/on-going-projects/
ISIG	ISIG website - page	ARESIBO page created on ISIG website.	http://isig.it/en/project-aresibo-augmented-reality-enriched-situation-awareness-for-border-security/
	ISIG Facebook - post	Post created during the KoM.	https://www.facebook.com/permalink.php?story_fbid=10157282570301354&id=110968311353
ADMES	Wide disseminatio n though Admes	Admes has already started the project dissemination	https://admes.gr/aresibo/ https://www.linkedin.com/feed/update/urn:li:activity:6544512014629371904

	channels.	through the company channels	https://twitter.com/admesgr/status/1113385839193665538 https://www.facebook.com/admesgr/posts/990165301185957 https://www.facebook.com/admesgr/posts/985333328335821 https://twitter.com/admesgr/status/1113385839193665538 https://twitter.com/admesgr/status/1113385839193665538

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Annex A: Candidate dissemination events for the project

Table 5 presents a list of candidate events that the project partners are interested in disseminating project results.

Table 5 – List of candidate events for ARESIBO to participate

Event Name	Description	Date or Year (if available)
WCO PICARD Conference	The conference focuses on the presentation of research and policy analysis by practitioners and academics. An ARESIBO presentation at PICARD conferences will introduce the project to the respective communities.	*2020-2022 Fall*
WCO IT/TI Conference and Exhibition	Introduction of ARESIBO to customs audience. The conference showcases the most recent technological developments that will provide new capabilities and opportunities how Customs facilitates trade and performs its regulatory tasks.	*2020-2022*
Executive MBA lecture at University of Lausanne, Switzerland	Potential use of ARESIBO pilot material as case study material. https://www.unil.ch/emba/en/home.html	*2021-2022, Spring*
Customs and Supply Chain Masters course at Erasmus Rotterdam, the Netherlands	Potential use of ARESIBO pilot material as case study material. https://www.rsm.nl/master/executive-masters/executive-master-customs-and-supply-chain-compliance/overview/	*2021 Fall*
CVPR	IEEE Conference on Computer Vision and Pattern Recognition	*2020*
ACM Multimedia	One of the most relevant international conferences in computer vision	*2020*
International Conference on Machine Learning	One of the most known international conference in machine learning	*2020*
IEEE ICSC	IEEE Conference on Semantic computing	*2020*
IEEE ICRA	IEEE International conference on Robotics and Automation	*2020*
IEEE ICAR	IEEE International Conference on Advanced Robotics	*2020*
IEEE/RSJ IROS	IEEE/RSJ International Conference on Intelligent Robots and Systems	*2020*
IEEE PAMI	IEEE Transactions on Pattern Analysis and	*N/A*

	Machine Intelligence	
Pattern Recognition Letters	Journal relevant to visual data processing	*N/A*
Image and Vision Computing	Journal relevant to image processing and computer vision	*N/A*
Information Fusion	Journal relevant to information fusion	*N/A*
Sematic Web Journal	Journal that focuses on semantic representations	*N/A*
IEEE T-RO	IEEE Transactions on Robotics	*N/A*
Wiley - Journal of Field Robotics	Journal of Field Robotics	*N/A*
IROS	International Conference on Intelligent Robots and Systems	*N/A*
ERF	European Robotics Forum	*N/A*
Global Robot Expo	https://www.globalrobotexpo.com/	*N/A*
RISS 2019	International Workshop on Research & Innovation for Secure Societies 2019 https://sped.pub.ro/conference-program/riss-2019-workshop/	*10-12.10.2019*
BSDA 2020	Black Sea Defense & Aerospace - BSDA 2020 is the largest defense & aerospace exhibition held in the Black Sea region. Due to the regional and international environment, Romania has increased the defense budget to 2% from GDP and is planning major defense acquisitions. If you want to get in touch with decision makers from the Black Sea region, BSDA 2020 is the right place to be. http://www.bsda.ro/bsda-2020-brochure/	*20-22.05.2020*
Modelling and Simulation for Autonomous Systems (MESAS) Conference	MESAS'19 is a three-day conference organized by the NATO Modelling and Simulation Centre of Excellence. The event will gather fully recognized experts from different domains: Military, Academia and Industry.	*29-31 October 2019*
NATO Modelling and Simulation Group (NMSG)	The mission of the NATO Modelling and Simulation (M&S) Group (NMSG) is to promote co-operation among Alliance bodies, NATO member nations and partner nations to maximize the effective utilisation of M&S.	*2020-2021*
International forum for the Military Simulation, Training & Education Community (ITEC)	Presenting a unique overview of the industry's latest innovations, the event provides visitors with a platform to discuss developments in this evolving market and exchange ideas about future requirements	*2020-2021*

	for military training, education and simulation.	
HEMUS 2020	HEMUS 2020 is the biggest Bulgarian International Defence and Security Exhibition and International Scientific Conference on defence research	*May 2020*
Posidonia 2020 The international Shipping exhibition	POSIDONIA EXHIBITIONS SA Posidonia Exhibitions SA is a leading organiser of trade fairs in Greece, and operates through its headquarters located in Piraeus, Greece.	*2020*
16th EuroVR International Conference—EuroVR 2019 **website**	Founded in 2010 as a continuation of the work in the FP6 Network of Excellence INTUITION (2004 – 2008), EuroVR seeks to: • Gather relevant stakeholders interested in VR/AR to provide a common discussion forum; • Establish connections with established National Associations and Chapters in relevant fields, as well as support the creation of new national Chapters in other countries; • Promote research excellence, and stimulate development and deployment of VR/AR technologies in existing, new and emerging fields; • Facilitate the structuring and VR/AR research integration in Europe. Topics of interest include: • Technologies: Technologies related to Virtual, Augmented, and Mixed Reality (VR/AR/MR), collaborative and distributed environments, mobile devices, use cases. • Human factors issues: User studies and evaluation, presence and cognition, 3D user interfaces, sickness and side effects, realism, validity and fidelity, cost effectiveness and efficiency. • Applications: Applications of VR/AR/MR in industry, aerospace and transport, construction and architecture.	*23-25 OCTOBER 2019, Taltech Mektory, Tallinn, Estonia Annual event between Oct and Dec, in europe Intention to keep track on the following years, 2021 and 2022*
HFES 63RD International Annual Meeting	The Human Factors and Ergonomics Society, founded in 1957, is the world's largest scientific association for human	*October 28 - November 1, 2019*

website	factors/ergonomics professionals. HFES serves the needs of members and the public by promoting and advancing the discovery and exchange of knowledge concerning the characteristics of human beings that are applicable to the design of systems, products, tools, and environments of all kinds. The Society's has a European local chapter formed by HFES members. It provides forums in which members can exchange information and ideas on human factors/ergonomics issues. It also holds annual conference in Europe.	*Seattle, Washington, USA* *Annual event in Oct, in US Intention to keep track on the following years, 2021 and 2022.*
11th Augmented Human International Conference Augmented Human 2020 **website**	The Augmented Human (AH) international conference focuses on scientific contributions towards augmenting human capabilities through technology. The Augmented Human (AH) International Conference Series started in 2010. The Springer AH Research Journal publish extended and revised versions of the best papers published at the yearly conference plus other directly submitted to the Journal. The topics of interest include: • Augmented and Mixed Reality; • Interactions between Augmented Humans and Smart Cities; • Human Augmentation, Sensory Substitution and Fusion • Holograms, HMDs and Smart Glasses • Hardware and Sensors for Augmented Human Technologies • Safety, Ethics, Trust, Privacy and Security Aspects of Augmented Humanity • Human-Factor Study, Field Study and User Study of Augmented Human Technologies	*May 28th & 29th 2020, University of Manitoba, Winnipeg, Canada* *Annual event between Feb and May, in different continents. Intention to keep track on the following years, 2021 and 2022.*
Transport Logistic	Transport logistic, being the largest logistics fair in the world, is the International Exhibition for Logistics, Mobility, IT and Supply Chain Management and the world's biggest trade fair for freight transport by road, rail, water and in the air, in all its complexity. Next to the classic logistics topics new technologies like AR & AI, drones, UAVs etc. play a big role in the presentations and demonstrations	*2021*

Future Security	As a meeting Platform for Defense and Security Research, “Future Security” brings together researchers, experts and actors from science, industry, public authorities and politics and offer a platform for professional exchange at national level. A high focus lies on disruptive technologies in defence and security. *artificial intelligence, autonomous systems, cyber defence & security*	*2020*
GPEC digital	General Police Equipment Exhibition & Conference / digital is an international exhibition & conference for digitization of public security *public security, security technology*	*2020*
EMSA events	EMSA organizes several annual events that count with the participation of a multitude of European Coast Guards and European institutions (EDA, DG MARE, FRONTEX). TEK-ASDS aims at being present in these events not only to promote the ARESIBO’s results, but also to influence stakeholders and decision makers across the EU.	*Not yet available*
COMPASS2020 Workshop	This workshop will be organized in the scope of the COMPASS2020 project where TEK-ASDS participates (see below). It will be organized by the Maritime Safety Department of Montenegro and will be aimed at relevant end-users and stakeholders in the maritime security domain.	*Not yet available*
EuroVR	Annual conference of Augmented and Virtual reality	*Annual (Estonia on 23-25 October, 2019)*
ISMAR	International Symposium on Mixed and Augmented Reality	*Annual*
IEEEVR	IEEE Conference on Virtual Reality and 3D User Interfaces	*Annual*
IEA	International Ergonomics Associations conference	*N/A*
HCII	International Conference on Human-Computer Interaction	*Annual*
21st edition of PSCE (Public Safety Communication Europe) Conference in	Presentation of ARESIBO concepts about Tactical and Operational planning in the dedicated Poster session, or	*3-5 December 2019*

Paris, France	Presentation of technological findings / results until then, during the conference presentations session	
Annual EENA (European Emergency Number Association) conference	Presentation of ARESIBO concepts and technological findings / results until then. Tentative topic: • cloud based tools and technologies for supporting C2 call-takers / dispatchers decision making	*Not yet available. Normally around mid / end of April every year*
"Journal of Defence & Security Technologies" (http://jdst.eu)	Journal of Defence and Security Technologies (JDST) is an open access journal aiming to facilitate the research articles, studies, and reviews focused on defence and security technologies.	*N/A.*

Annex B: EU projects and initiatives related to ARESIBO

Table 6 presents a list of EU projects and initiatives that ARESIBO partners intent to establish synergies with.

Table 6 – List of related EU projects and initiatives

Project / Forum / Initiative	Scope	Connection points with ARESIBO
Pan-European Network of Customs Practitioners (PEN-CP) **Grant agreement ID: 786773**	PEN-CP connects European customs to security innovators and solution providers. website	*Coordinated Border Management, Use of data and data analytics for situational awareness, performance metrics of border control operations*
PROFILE - Innovative Data Analytics, Data Sources, and Architecture for European Customs Risk Management **Grant agreement ID: 786748**	Development of data analytics and leveraging of Big Data and open data sources for customs risk management. website	*Coordinated Border Management, Use of data and data analytics for situational awareness,*
H2020-FOLDOUT **Grant agreement ID: 787021**	Following up the ongoing project of FOLDOUT and sharing information of ARESIBO projects´ public outcomes. website	*Border surveillance*
H2020 – ROBORDER **Grant agreement ID: 740593**	The main objective of ROBORDER is to detect and recognize illegal border activities, assess conditions and properly indicate and inform the border authorities and operational personnel about the area status. The project will also identify common bases for both technological issues and networking and communication links. website	*Object detection, border control authorities, law-enforcement agencies* *C2 developments, border control authorities* *Autonomous vehicle for border security* *Decision support system for border security*
H2020 –	Identify common bases for both technological issues and networking	*Object detection, law-enforcement agencies*

beAware **Grant agreement ID: 700475**	and communication links. website	
H2020 – CONNEXIONs **Grant agreement ID: 786731**	Identify common bases for both technological issues and networking and communication links. website	*law-enforcement agencies* *C2 developments, IoT sensors, AR technologies*
H2020 – RAWFIE **Grant agreement ID: 645220**	Platform across the space and technology by integrating numerous test beds of unmanned vehicles for research experimentation in vehicular, aerial and maritime environments. website	*Resource coordination,* communication architecture
FP7 – Noptilus **Grant agreement ID: 270180**	Fully-autonomously & in real-time – the AUVs' trajectories/behavior that maximize situation awareness subject to the severe communication, sensing & environmental limitations. website	*Multi-robot navigation algorithm, mapping of unknown terrains*
FP7 – sFly **Grant agreement ID: 231855**	Small and safe helicopters which can fly autonomously in city-like environments and which can be used to assist humans in tasks like rescue and monitoring. website	*Surveillance coverage for a swarm of unmanned aerial vehicles*
Council of Europe Initiatives on Cross-border-Cooperation (CBC)	ISIG operates as a consultant of the Council of Europe on the thematic of CBC. Within this framework ISIG will capitalize on potential initiatives and events, coordinated by the Council of Europe, for the dissemination of ARESIBO activities. website	*Cross-border management*
H2020 – SMILE **Grant agreement ID: 740931**	SMILE will deliver a palette of low-cost technological solutions that will make the management of land border control points less resource intensive, while at the same time will contribute to the traveller's convenience without sacrificing security. Will explore the capabilities of smart mobile devices in biometric control for low-cost but secure and trusted authentication, embedding their exploitation as a part of a multimodal biometric verification process that complements existing	*Border control authorities*

	approaches. The long-term goal of the SMILE team is to provide a set of affordable and easy to be installed modules, to support the needs of EU Land Border Infrastructures. website	
H2020 - Palaemon **Grant agreement ID: 814962**	PALAEMON – A holistic passenger ship evacuation and rescue ecosystem website	*An intelligent ecosystem of critical components providing real-time access to and representation of data to establish appropriate evacuation strategies for optimizing the operational planning of the evacuation process on damaged or flooded vessels, sensing, people monitoring and counting and localisation services as well as real-time data during accident time, independent, smart situation-awareness and guidance system,. Continuous monitoring and permanent control*
H2020 - AEROGLASS Grant agreement ID: 674045	Understanding the feasibility of using AR technology on medium/large vessel and small (Rhib) size boats, website	*AR implementation at sea*
H2020 - MARISA Grant agreement ID: 740698	To get insights from the adopted methods, techniques and modules to correlate and fuse various heterogeneous and homogeneous data and information from different sources, including Internet and social networks website	*C2 – decision making and collaborative / distributed situation awareness*
SESAR - RETINA Grant agreement ID: 699370	To get insights from applicability of Synthetic Vision (SV) tools and Virtual/Augmented Reality (V/AR) display techniques for the Air Traffic Control (ATC) service provision by the airport control tower. website	*AR implementation in C2 working domain*
FP7 - ICARUS Grant agreement ID: 285417	To get insights from the use of unmanned solutions (air, ground and sea robots) for detecting, locating and rescuing humans. website	*Integration of autonomous vehicles (sea, air and ground) with sensors supporting decision making*

H2020 - BODEGA Grant agreement ID: 653676	Understanding Human Factors in border control and proposed solutions to provide innovative socio-technical solutions for enhancing border guards' performance of critical tasks, support border management decision-making, and optimize travellers' border crossing experience. website	*Border control task model*
FP7 - SNOOPY Grant agreement ID: 313110	To get insights from the SNOOPY high-tech sensor prototypes developed for the detection of illegal human presence in vehicles and cargo going through land borders, ports and airports; that will help authorities combat illegal human trafficking. website	*Sensors for border control*
FP7 - CLOSEYE Grant agreement ID: 313184	Understanding and insights of the recommendations for pre-operational validation (POV) of maritime border surveillance tools. website	*Validation of new technologies for maritime border surveillance*
H2020 - COMPASS2020	Project COMPASS2020 is an H2020 Innovation Action that aims to demonstrate the combined use and seamless coordination of manned and unmanned assets to achieve greater coverage, better quality of information and shorter response times in maritime surveillance operations.	*UxVs, Maritime surveillance, C2 systems*
National project REVER	Portuguese project led by TEKEVER with the goal of developing a UxV Mission Replay system with an AR interface to be implemented through Head-Mounted Displays. The project also intends to research and implement HMI techniques that will allow interaction with the Mission Replay system through gesture recognition. The project is expected to start in September 2019.	*AR technologies, Human-machine interaction, C2 systems*