EU-HYBNET

ANNUAL WORKSHOP REPORT

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D5.10 ANNUAL WORKSHOP REPORT

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DISCLAIMER

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1. INTRODUCTION

The purpose of this report is to summarize EU-HYBNET (Pan-European Network to Counter Hybrid Threats) project's first Annual Workshop's objectives and outcomes. Annual Workshops are designed to disseminate project findings for large audience of stakeholders and to ensure vivid interaction with industry, academia and other providers of innovative solutions outside of the project consortium. Its purpose is to assess the feasibility of the project findings and possible recommendations to innovations uptake (incl. industrialisation) and standardisation.

Moreover, Annual Workshops will foster network activities, raise awareness of the project and bring together relevant practitioners and stakeholders who may to join to the EU-HYBNET network and its activities. Annual Workshops are part of Work Package number 5, *Communication, Dissemination and Exploitation Activities*.

The European Centre of Excellence for Countering Hybrid Threats (Hybrid CoE) and Laurea organized the first EU-HYBNET Annual Workshop on 13 April. It was attended by 76 participants from 46 organizations in 22 countries. Participant organisations to the AW included 22 of the 25 project partners, 4 stakeholders from 4 of the 16 stakeholder group organizations, 2 External Advisory Board (EAB) members from 1 of the 5 EU HYBNET EAB member organizations, and 6 members from 4 out of the 23 new network member organizations (at that time). 14 participating organisations came from outside EU-HYBNET networks. Full list of organisation that were present, and participant statistics are in Annex III.

This document is divided into three sections:

Chapter 2: Workshop objectives, which explains the goals and objectives of the workshop, and how they are related to the project objectives;

Chapter 3: Workshop agenda, which goes through the main discussion points during the workshop; and

Chapter 4: Feedback, which summarizes the feedback collected after the event.

2. WORKSHOP OBJECTIVES

Objectives of Work Package 5, of which the Annual Workshops are part of, are 1) to disseminate results and interact with other related networks; 2) to create conditions for better interaction with industry, research and academia; 3) to enrich the existing network against hybrid threats with academics, practitioners, stakeholders and industry actors across Europe.

Annual Workshops work towards these Work Package objectives, which are grounded in the whole of the project's objectives. The first of the project's objectives is *to enrich the existing network countering hybrid threats and ensure long term sustainability.* Annual Workshop does this by identifying potential new members to the network, as the events are public and enable all participants to interact with the network members. To ensure a wide range of participants, the event was advertised on EU-HYBNET website (www.euhybnet.eu), project's social media channels (Twitter and LinkedIn) and via e-mail to EU-HYBNET consortium partners, stakeholder group, network members, External Advisory Board members, innovation providers, industry, small and medium-sized enterprises, and non-governmental organizations.

Moreover, a special effort was made to attract participants working with innovative solutions: ahead of the workshop, a call to present innovations was distributed publicly on project website, Twitter and LinkedIn, for any organisation or company that had an opportunity to send a suggestion for presenting their innovations to counter hybrid threats. These suggestions were assessed by the innovation manager and task 3.1 (*Definition of Target Areas for Improvement and Innovations)* leader together with the event organizers, after which the most prominent ones were chosen for presentation. Moreover, the presented innovations were further assessed by the audience audience in the questionnaire that was sent afterwards. This way, the first Annual Workshop also supported the goals in the third project objective, which is *to monitor developments in research and innovation activities as applied to hybrid threats.*

Objectives to disseminate project results and to create conditions for better interaction where achieved by including in the agenda the results per work packages, and information on network membership, the networking platform and the Innovation Arena.

| Project Objective 1: T*o enrich the existing network countering hybrid threats and ensure long term sustainability*	As the event is public, the project partners could invite their networks to participate and learn about joining the EU-HYBNET network. To reach as wide audience as possible, the event was also advertised on social media channels.
Project Objective 3: T*o monitor developments in research and innovation activities as applied to hybrid threats*	A special effort was made to attract participants working with innovative solutions: ahead of the workshop, a call to present innovations was distributed publicly on project channels. Innovations were assessed by the innovation manager and task 3.1 lead. Moreover, the presented innovations were further assessed by the audience in the questionnaire that was sent afterwards.

Table 1: Project objectives
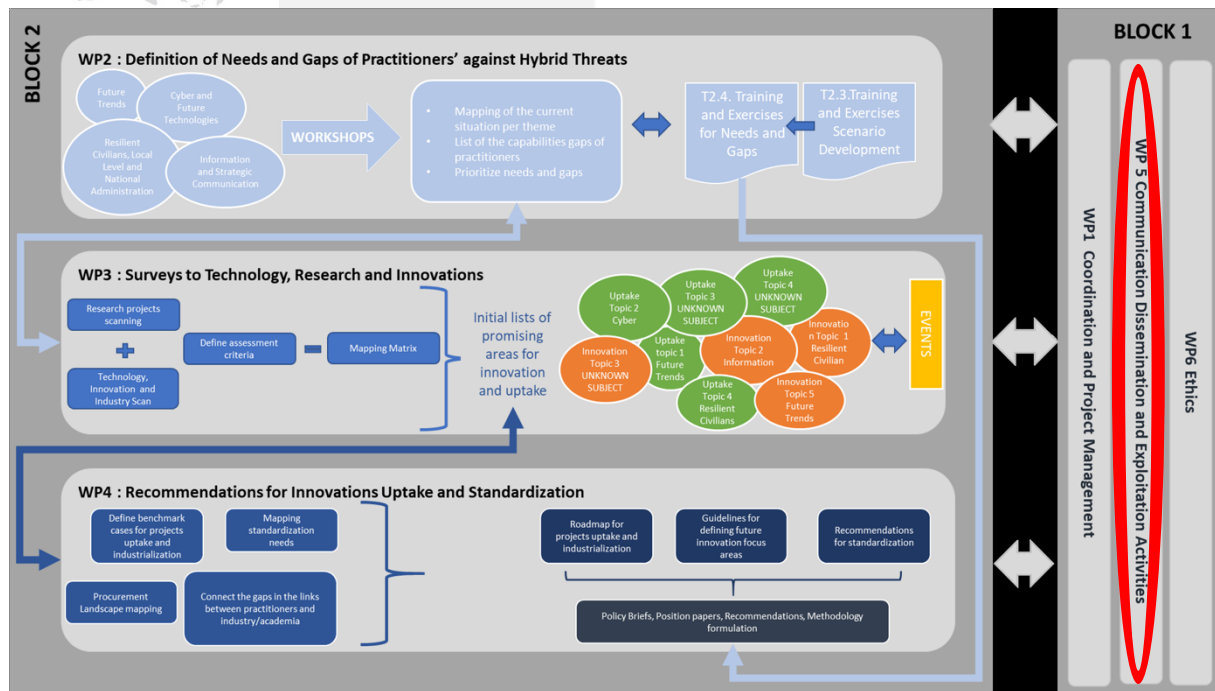
Figure 1: Structure work packages and main activities

3. WORKSHOP AGENDA

The workshop consisted of four parts: the keynote speeches, work package presentations, innovation presentations, and presenting networking opportunities.

KEYNOTE SPEECHES

The keynote speeches were provided by EU-HYBNET External Advisory Board members: Andrea De Candido, Acting Head of Unit from Directorate-General for Migration and Home Affairs, (DG HOME), European Commission, and Lutz Güllner, Head of the European External Action Service's Strategic Communications, Task Forces and Information Analysis Division.

In his keynote speech, Mr. Andrea de Candido highlighted EU-HYBNET's relevance especially as an instrument to implement the strategic approach to security research, especially when it comes to bringing together stakeholders that do not normally collaborate, and by comprehensively mapping the gaps and needs to be addressed. He reminded the audience how the challenge of hybrid threats requires many different instruments (research is one of them), actors, a future-looking approach and research factoring the social and economic dimensions.

One hybrid threat, to which EU-HYBNET also seeks solutions, is disinformation. In his keynote speech, Mr. Andrea de Candido highlighted the role of communication to counter hybrid threats. Mr. Lütz Güllner stressed how disinformation should not be understood narrowly as misinformation or conspiracy narratives but as a security threat. He highlighted that disinformation is deliberate, targeted and coordinated in a way to influence public opinions or the information space. It is not so important whether the content is entirely true or false, but that there is a targeted activity behind to manipulate and sometimes even to undermine democratic debate and institutions. Sometimes it comes in the form of suppressing voices. His conclusion is that: there is not only one response, one instrument and one domain to approach hybrid threats.

The keynote speeches provided a topical, high-level assessment on the ways to counter hybrid threats, and evoked a lot of discussion among the participants.

PROJECT RESULTS

Leaders of work packages 1, 2, 3, 4 and 6 provided a short overview on the most crucial project results that had been achieved in the project's first year.

Work package number one; *Coordination and Support*, highlighted how the EU- HYBNET network extension has started well and the network is growing with new members representing pan-European practitioners, industry, academia and NGOs. EU-HYBNET has also developed strong cooperation with other DG HOME funded projects such as I-LEAD, INCLUDING, SPARTA and MEDEA. Moreover, EU-HYBNET contributes to DG HOME the Community of European Research and Innovation Security (CERIS) Workshop preparations of which the objective is to strengthen the delivery of policy inputs.

Work package number two; *Gaps and Needs of European Actors against Hybrid Threats*, highlighted how EU-HYBNET has successfully recognized and analysed key gaps and needs of pan-European practitioners and other relevant actors to counter hybrid threats, in four project focus areas (future trends of hybrid threats, cyber and future technologies, information and strategic communication, and resilient civilians and local administration). Further research is also conducted on the selected gaps and needs. Moreover, the work package reported how training will be arranged for the network members to test selected innovations that could support to overcome the gaps and needs.

Work package three; *Surveys to Technology, Research and Innovations*, highlighted how the innovation mapping to gaps and needs has played an important role in the project's activities thus far, and that over 20 promising innovations to gaps and needs have currently been identified.

Work package four; *Recommendations for Innovations Uptake and Standardization*, has been active the least amount of time and instead of results, presented the method for future work. The project continues to analyse the innovations, deliver innovation uptake recommendations and innovation standardization recommendations. The EU procurement landscape is also under analysis in order to know the possibilities for innovation uptake.

The importance in having a sound ethical approach in the project work and to notice the ethics of the innovations in order to deliver solutions that are just and will ensure sound societal impact, was also highlighted by the ethics manager and leader of work package number six, Ethics Requirements.

Work package presentations covered comprehensively the project outcomes during the first year and explained their approaches and way ahead.

INNOVATION PRESENTATIONS

The workshop included the introduction of innovation ideas to counter hybrid threats by three organisations:

1. The Austrian Institute for Technology: HYDRATE: A technology-oriented approach to determining the credibility of online media and Open Source Intelligence, by Dr. Ross King

2. NORSECON: Joint Human and Artificial Capabilities in Edges Operations, by Mr. Arne Norlander

3. MALDITA: a WhatsApp chatbot to detect, measure and combat disinformation, by Mr. Carlos Hernandez-Echevarria.

Innovation presentations were received with great interest. Discussion on the innovations concerned the applications and ethical aspects, as essentially two of them used artificial intelligence and automation to detect disinformation. The participants challenged the innovation providers to explain how automation could be trusted in a sensitive topic like this and how we can avoid for example, subjecting criticism or forms of satire to misleading detection and automatic censorship. The participants were also asked to assess the three innovations via questionnaire sent to them after the Annual Workshop event. The innovation assessment results are described in ANNEX IV.

Presenting and assessing innovations is especially important to the task number 1.3, *Definition of Target Areas and for improvement of innovation*, as it encourages private sector participation in the

EU-HYBNET project. Involvement of the industry and SME is essential to define the most up to date tools and methods to counter hybrid threats.

NETWORKING OPPORTUNITIES

In the final part of the workshop, the participants were introduced to the networking opportunities. The Network Manager presented on network extension, criteria for new members, and the process of applying for EU-HYBNET network membership. The Innovation Arena manager presented the platform and its working logic. The networking opportunities section of the workshop provided potential new members with the basic information they would need in order to become active members.

4. FEEDBACK

Participants generally considered the event worthy of their time. Out of 75 participants, 37 responded to the feedback questionnaire that was sent after the event. Out of these and on a scale of five value scores, 20 gave the best one, 13 gave the second-best one, and 2 gave neutral score to the event. Nobody gave second-worst or the worst value score.

Those who gave the highest score, thanked the diversity and high quality of participants and presenters, and opportunities to discuss and interact. Special praise was given to innovation presentations, which both were interesting in content, as well as something the participants considered a new approach in the context of hybrid threats.

Examples of feedback:

> *Lots of concepts and angles discussed, tech innovation as well. Absolutely appreciated the diversity of stakeholders I saw today. I think there is a good balance between the various disciplines and interests in the network so that the results of the project are not skewed in a single direction.*

> *I have been participating in Hybrid-related events for a number of years and this was one of the best - filled with real experts offering innovative ideas and observations!*

Those who gave the second- highest and neutral comments, were also especially interested in the innovation presentations and the discussion. Criticism was directed towards the project management details in the first part of the event.

Examples of feedback:

> *Really insightful. I like the structure - that you presented the long term objective and then the strategic goals and work programmes underneath. Much better than just talking about the problem. It is great to see that you are also working on the solutions. The addition of 3 concrete projects was also great so that I could see solutions in real life*

> *Providing the projects 1st-year results in an organized forum is a worthy endeavour, and the AW did indeed present results, however, the information could have been more focused and delivered in a more creative and relatable format, focusing purely on project results and less on the excruciating details of project management.*

5. CONCLUSION AND FUTURE WORK

Overall, the Annual Workshop achieved its goals to disseminate project findings for a large audience of stakeholders and to ensure vivid interaction with industry, academia and other providers of innovative solutions outside of the project consortium. Based on feedback, the most valuable and inspiring content for participants were the innovation presentations and discussion around them. The next Annual Workshop will be arranged by Università Cattolica del Sacro Cuore (USCS) in April 2022.

ANNEX I. LIST OF ACRONYMS

ANIMV/MVNIA   Mihai Viteazul National Intelligence Academy

AW   Annual Workshop

CERIS   The Community of European Research and Innovation Security in DG HOME

DG HOME   Directorate-General for Migration and Home Affairs

EOS   European Organization for Security

EU-HYBNET   Pan-European Network to Counter Hybrid Threats

Hybrid CoE   European Centre of Excellence for Countering Hybrid Threats

LAUREA   Laurea University of Applied Sciences

USCS   Università Cattolica del Sacro Cuore

ANNEX II. WORKSHOP AGENDA

EU-HYBNET 1st Annual Workshop and Stakeholders Group Meeting, Online
#AW

13 APR

Zoom call
Meeting Link

10.00-14.10 CET

The EU-HYBNET Annual Workshop presents the initial project findings and progress to the project consortium members, EU-HYBNET network members and pan-European stakeholders; made up of practitioners, industry, academia, and NGOs.

The programme includes the project's initial results, overview of each Work Package, network membership, and an introduction to the Innovation Arena platform. Additionally, the workshop will host a handful of presenters introducing their unique **innovation ideas to counter hybrid threats**.

For who? EU-HYBNET consortium partners, stakeholder group, network members, EAB members, innovation providers, industry, SMEs, NGOS; according to registration check.

When? 13th of April 2021 at 10.00-14.15

Registration Link: https://www.lyyti.in/EUHYBNET_Annual_Workshop_8842

Meeting link: https://zoom.us/s/95382673174

Upon entering the meeting, make sure your Zoom username is your full name and indicates your affiliation. Unidentified participants will be removed.

More information: Event organizer, Project coordinator in The European Centre of Excellence for Countering Hybrid Threats, MS Emma Lappalainen emma.lappalainen@hybridcoe.fi and EU-HYBNET Project Manager MS Janel Coburn janel.coburn@laurea.fi

Agenda

Time (CET)	Topic	Speaker(s)
10.00-10.05	Welcoming words	**Päivi Mattila**, the Director of Security Research Program Laurea, EU-HYBNET Coordinator
10.05-10.20	Keynote speech topic- Hybrid Threats in the European Security Landscape Q&A from the audience	**Andrea de Candido**, Head of Unit- acting, DG HOME, European Commission
10.20-10.35	Keynote speech: Role of communication to counter hybrid threats; the EU's response to disinformation and foreign interference by external actors? Q&A from the audience	**Lutz Güllner,** Head of the EEAS Strategic Communications, Task Forces and Information Analysis Division
10.35-10.45	EU-HYBNET as a pan-European network project	**Päivi Mattila**, EU-HYBNET Coordinator, **Julia Nevmerzhitskaya**, EU-HYBNET Network Manager,
10.45-10.55	Defining gaps and needs in countering hybrid threats	**Hanna Smith**, Director of Research and Analysis, Hybrid CoE
10.55-11.05	Innovations and ideas proposed to counter hybrid threats	**Souzanna Sofou**, Senior Research Engineer & Innovation Manager, Satways
11.05-11.15	Update on methodology for innovation and standardization activities	**Maria Kampa**, Project Research Associate, Kemea
11.15-11.25	Ethically sustainable and societally acceptable solutions	**Tuomas Tammilehto**, Head of Research, Development, and Innovation, Laurea, EU-HYBNET Ethics Manager.
11.25-11.40	**Q&A from the audience**	
11.40-11.55	**Break**	
11.55-12.55	Innovations to counter hybrid threats	**Ross King**, Austrian Institute for Technology: **HYDRATE: a technology-oriented approach to determining the credibility of online media and Open Source Intelligence** **Arne Norlander**, Norsecon: **Joint Human and Artificial Capabilities in Edge Operations** **Carlos Hernández-Echevarría**, Maldita: **a WhatsApp chatbot to detect, measure and combat disinformation**
12.55-13.10	Benefits and importance of joining the EU-HYBNET network	**Julia Nevmerzhitskaya**, Laurea, EU-HYBNET Network Manager
13.10-13.40	Innovation Arena – a collaborative platform for EU-HYBNET network members	**Artmir Galica**, Laurea, EU-HYBNET Innovation Arena Manager
13.40-13.55	**Q&A from the audience**	
13.55-14.10	Closing remarks & Wrap Up	**Isto Mattila**, RDI director Laurea, EU-HYBNET Innovation Manager

14.45-16.15	Round Table Discussions – Each SG member can provide feedback to project results	**Julia Nevmerzhitskaya**, EU-HYBNET Network Manager
16.15-16.25	Network Extension Discussion and Questions from the audience	**Emma Lappalainen**, Hybrid CoE
16.25-16.35	Closing words	**Päivi Mattila**, EU-HYBNET Coordinator

Andrea de Candido

Andrea de Candido works for the Directorate General for Migration and Home Affairs of the European Commission where he is the Acting Head of the "Innovation and Industry for Security" Unit which deals with Security Research and Industrial Policy. Among the responsibilities of the Unit is the elaboration of the Security research part of the European Union Research & Innovation Framework Programme that enables cross border funding of research projects in the security dimension.

Before joining DG HOME Mr De Candido had been briefly working for the Research & Innovation Directorate General of the European Commission and, before that, had spent 25 years in the Italian Army from which he retired in 2013 with the rank of Lt. Colonel.

Lutz Güllner

Lutz Güllner is Head of Division for Strategic Communications and Information Analysis in the European External Action Service. He leads a team of about 35 persons dealing with issues related to disinformation and foreign manipulative interference. In his work, he focuses on addressing disinformation threats for the EU and for the EU's neighbourhood region.

Prior to his current position he served as Head of the EEAS's foreign and security policy communication team (2017-2019) and as Head of the European Commission's Directorate General for Trade's communication team (2013-17). He was also Deputy Head of the Trade Strategy Unit and responsible for the coordination of EU-US trade and economic relations.

Päivi Mattila

Päivi Mattila, PhD, holds a position of Director of Security Research Program at Laurea University of Applied Sciences (Finland), and she is responsible for quality and growth and strategic goals of security RDI activities. Dr. Mattila is the coordinator of EU-HYBNET. She is a Doctor of Philosophy (general history). Formerly she has worked as the head of the Project and Development Unit at the Crisis Management Centre Finland (CMC Finland) and for the Embassy of Finland in Tel Aviv and in the Finnish Institute in the Middle East.

Julia Nevmerzhitskaya

Julia Nevmerzhitskaya, EU-HYBNET Network Manager, is a Senior Lecturer working with Research, Development and Innovation activities at Laurea University of Applied Sciences, Finland. She is a project manager and a researcher in a number of Horizon2020 projects, dealing mainly with multi-stakeholder engagement, public-private partnerships and ecosystem creation. Julia also acts as a member of advisory board to a number of EU-funded projects.

Hanna Smith

Hanna Smith, Director of Research and Analysis at the Centre of Excellence for Countering Hybrid Threats and visiting professor for academic year 2020-2021 at the College of Europe, Brugge. Dr Smith is an expert on hybrid threats, Russia and Eurasia and Great Power identity. Her research interests include security studies, international relations and institutions as well as regional and Nordic cooperation.

Souzanna Sofou

Dr. Souzanna Sofou (F) is a Dipl. Mining and Metallurgical Engineer and a holder of an MBA in Engineering –Economic Systems. With respect to basic research, her Doctoral Thesis and most of her published research work fall in the fields of computational rheology, rheometry and polymer processing. She has worked in applied research FP7 & Horizon 2020 projects in various fields, including new product development, metallurgy, polymer processing, RET modelling, software development, value management and security. She also has background and experience in Intellectual Property, as she has received relevant training and has worked in this field as a Product Design Engineer for a multinational company.

Maria Kampa

Maria Kampa (Meng, MBA) is a Research Associate at the Centre for Security Studies (KEMEA), of the Hellenic Ministry of Citizen Protection, involved in EU funded projects related to Telecommunications, Border Security and Innovation Procurement. Her professional interest and experience include the areas of Business Development, Process Optimization within the sector of EU Research, IT & Telecoms projects, Requests for Proposals, Project management and Requirements Analysis.

Tuomas Tammilehto

As a social scientist (M.Soc.Sci, University of Helsinki) and a criminologist (MA Crim., City University London) Tuomas Tammilehto is well aware of the human wrongs – every now and then of the human rights too. Tuomas is the Ethical Manager of the EU-HYBNET project.

More info and updates on the EU-HYBNET Annual Workshop at:

euhybnet.eu

EU-HYBNET LinkedIn Group

@EuHybnet

EU-HYBNET Project Coordinator Laurea University of Applied Sciences – Päivi Mattila

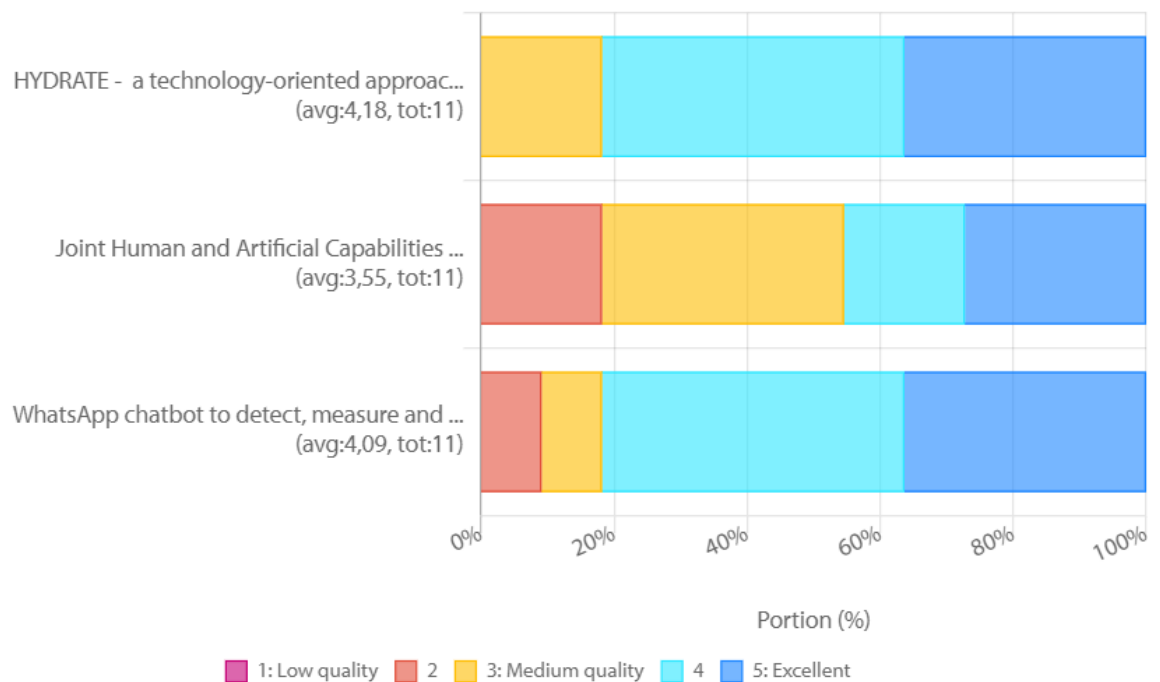## ANNEX III. LIST OF PARTICIPANT ORGANISATIONS AND COUNTRIES

	Organisation	Country	Type of Actor
1	AIT Austrian Institute of Technology GmbH	Austria	Academic/RTO
2	EOS	Belgium	Industry/SME
3	European Commission - DG HOME	Belgium	Practitioner
4	European External Action Service	Belgium	Practitioner
5	ESDC	Belgium	Practitioner
6	EC-JRC	Belgium	Academic/RTO
7	Brazilian Navy	Brazil	Practitioner
8	ICDS	Estonia	Practitioner
9	Laurea University of Applied Sciences	Finland	Academic/RTO
10	Hybrid CoE	Finland	Practitioner
11	Ministère de la transition écologique	France	Practitioner
12	Ministry of Internal Affairs	France	Practitioner
13	Office of the National Security Council of Georgia	Georgia	Practitioner
14	Fraunhofer IVI	Germany	Academic/RTO
15	Comtessa, UniBw	Germany	Academic/RTO
16	ZITiS	Germany	Practitioner
17	Halmstad University	Germany	Academic/RTO
18	KEMEA	Greece	Academic/RTO
19	Friends of Europe	Greece	NGO
20	MPSOTC	Greece	Practitioner
21	Satways Ltd	Greece	Industry/SME
22	SAPIENZA University of Rome	Italy	Academic/RTO
23	CeSI - Centro Studi Internazionali (Rome)	Italy	Academic/RTO
24	Università Cattolica del Sacro Cuore	Italy	Academic/RTO
25	The State Police of Latvia	Latvia	Practitioner
26	Directorate of Defence, Ministry of Foreign affairs	Luxembourg	Practitioner
27	TNO Defence & Security Research	Netherlands	Academic/RTO
28	Arctic University of Tromsø	Norway	Academic/RTO
29	DSB	Norway	Practitioner

30	Polish Platform for Homeland Security	Poland	NGO
31	TP CoE ABW	Poland	Practitioner
32	Mihai Viteazul National Intelligence Academy - MVNIA	Romania	Academic/RTO
33	Smartlink	Romania	Industry/SME
34	GLOBSEC	Slovakia	NGO
35	University Rey Juan Carlos	Spain	Academic/RTO
36	Valencia City Council	Spain	Practitioner
37	Valencia Local Police	Spain	Practitioner
38	Maldita.es	Spain	NGO
49	RISE	Sweden	Academic/RTO
40	NORSECON AB	Sweden	Industry/SME
41	Air Force Academy	Turkey	Academic/RTO
42	Ministry of National Defence	Turkey	Practitioner
43	National Defense University	Turkey	Academic/RTO
44	Secretariat-General of the National Security Council	Turkey	Practitioner
45	European Council on Foreign Relations (ECFR)	UK	Practitioner
46	State Scientific Research Institute of the Ministry of Internal Affairs of Ukraine	Ukraine	Academic/RTO

Organizations	Total (people)	Total (Orgs)	Practitioner	Industry/SME	Academic/RTO	NGO
Partners	42	22/25	13	3	21	5
NMs	6	4/23	0	3	1	2
EAB	2	1/5	2	0	0	0
SG	4	4/16	1	0	3	0
DG HOME	2	1	2	n/a	n/a	n/a
Other	20	14	13	0	6	1
	76	46	31	6	31	8

Organizations	Practitioner	Industry/SME	Academic/RTO	NGO
46	23	4	15	4
Countries				
22				

ANNEX IV. INNOVATION ASSESSMENT RESULTS

How would you assess the excellence (clarity, pertinence and soundness) of the presented innovations to counter hybrid threats?

- HYDRATE - a technology-oriented approac... (avg:4,18, tot:11)
- Joint Human and Artificial Capabilities ... (avg:3,55, tot:11)
- WhatsApp chatbot to detect, measure and ... (avg:4,09, tot:11)

Portion (%)

1: Low quality   2   3: Medium quality   4   5: Excellent

.

How would you assess the potential impact (coverage, scope, and effectiveness) of the innovations?

HYDRATE: a technology-oriented approach ...
(avg:4,09, tot:11)

Joint Human and Artificial Capabilities ...
(avg:3,45, tot:11)

WhatsApp chatbot to detect, measure and ...
(avg:3,73, tot:11)

Portion (%)

1: No impact | 2 | 3: Medium impact | 4 | 5: Very impactful

.
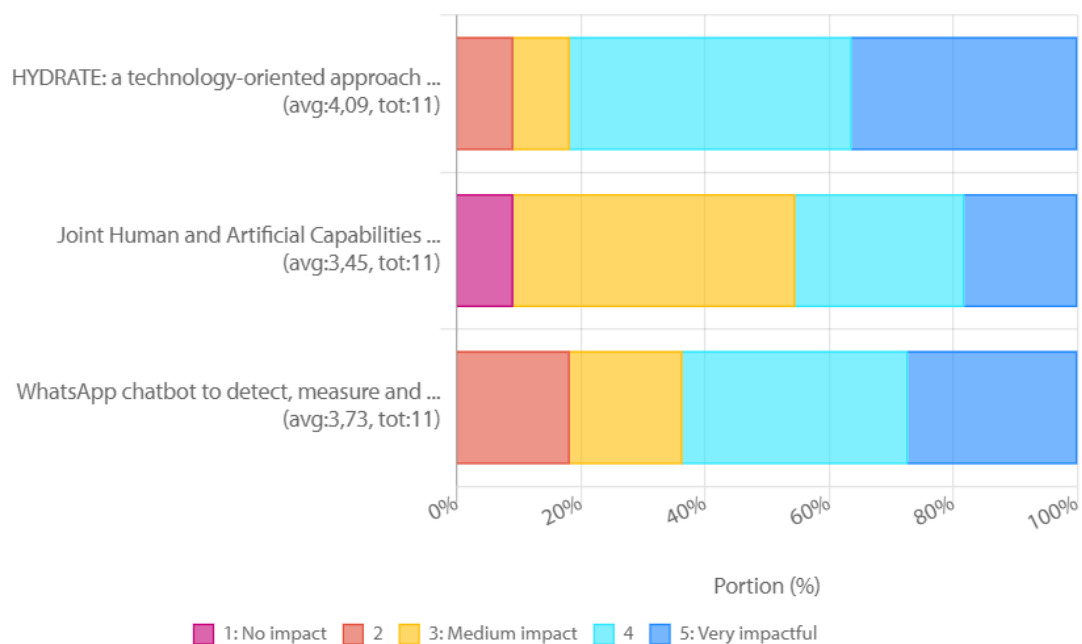
How would you assess the suggested implementation, (considering required resources and maintenance) of the innovations?

HYDRATE: a technology-oriented approach ...
(avg:4,00, tot:11)

Joint Human and Artificial Capabilities ...
(avg:3,00, tot:11)

WhatsApp chatbot to detect, measure and ...
(avg:4,45, tot:11)

Portion (%)

1: Not realistic | 2 | 3: Hard to say | 4 | 5: Very doable