



EUROPEAN NETWORK OF CYBERSECURITY
CENTRES AND COMPETENCE HUB FOR
INNOVATION AND OPERATIONS

D9.23 UPDATE 2 – EVENT CALENDAR

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D9.23 UPDATE 2 - EVENT CALENDAR

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Executive summary

The main purpose of this document is to provide a yearly update on the event participation and organization activities of the ECHO team. While ECHO maintained the methodological approach originally set out in *D9.5 Event calendar* two years ago, the landscape of events has dramatically changed due to the effects of the COVID-19 pandemic. While we had some hope for returning to normal operations mid-2021, the next wave of Covid restricted all our event activities to the virtual world once more.

All conferences and other events (such as summer schools) stayed in the cyberspace, so WP9 team had to adjust the plans during the course of 2021 accordingly. With all the changing circumstances, ECHO products were still presented at a similar number of events than in 2019 and 2020 (30+). ECHO engaged in co-producing a significant number of events, too (13).

For the selection of the potential 2022 events, WP9 team could already build upon the experience of the previous years, however the proposed events were selected carefully in order to maximize the reach of our target and stakeholder groups and are based on the Dissemination Strategy (D9.2), Stakeholder Mapping (D9.3) and Communication and Stakeholder Engagement Plan (D9.16) developed during the first year of the project.

During the process of ECHO's selection and monitoring criteria (described in chapter 2 of D9.5) was used as a basis. The criteria -are based on the existing knowledge and experience of the ECHO project partners. As in 2021, the principle has not changed for 2022, that since cybersecurity efforts are widespread on an EU and Member State (MS) level, as well as on different industry and IT levels, so ECHO will aim to participate in a widespread cross-section of conferences to mirror and cover this complex distribution and reach the most potential partners and stakeholders.

In 2022 the project intends to continue to organize more ECHO or co-branded events, in order to reach a wider audience, and strengthen the presence of ECHO on the cybersecurity landscape in Europe. As ECHO enters the last year of operations in 2022, more and more products are either being released or reach high maturity level so they can be represented on targeted conferences, establishing a good base and collecting feedback for the exploitation of the ECHO products and services. Our flagship event, the EFAS (ECHO Federated Autumn School), first organized with huge success in November 2021) is aimed to be organized 3-4 similar events during 2022, covering healthcare and energy sector. Separate events will be organized to validate and showcase the ECHO prototypes/demonstration cases as they roll out during 2022.

Based on the current pandemic situation, all events (both the ones organized by ECHO and the ones where ECHO intends to participate) must be continuously monitored according to the developments of the pandemic waves, as well as the vaccination strategies of the European countries. The cross country movement possibilities require to adjust the plans accordingly, should the conditions allow any face to face events to be organized.

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1. Introduction

1.1 Purpose and scope of the document

The main purpose of this document is to provide a yearly update on the event participation and organization activities of the ECHO team.

1.2 Structure of the document

While ECHO maintained the methodological background, originally set out in *D9.5 Event calendar* two years ago, the landscape of events has dramatically changed due to the effect of the pandemic. While we had some hope for returning to normal operations in the middle of 2021, the next wave of Covid restricted all our event activities to the virtual reality.

The next two chapters describe the event selection process, provide the inventory of the 2021 events and propose a selection of 2022 events to be visited or organized.

The final chapter describes the way the event calendar is administered and maintained online within our central document repository, which has not been changed in the previous years.

1.3 Relation to other work in the project

The approach described in Dissemination Strategy (D9.2), Stakeholder Mapping (D9.3) and Communication and Stakeholder Engagement Plan (D9.16), previously produced by WP9 also applies in 2022 and is still taken into consideration when selecting events and conferences.

Evolving project results need to be monitored – those are the underlying assets of the dissemination activities – so the events should be monitored and adjusted according to the schedule and maturity level of the products being delivered by technical work packages (WP2-8).

1.4 Applicable and reference documents

The following documents contain requirements applicable to the generation of this document:

Reference	Document Title	Document Reference	Version	Date
[GA]	GRANT AGREEMENT 830943 – ECHO	-	1.0	02/04/2019
[PH]	D1.1 PROJECT HANDBOOK	ECHO_D1.1_v1.41	1.41	02/05/2019
[PQP]	D1.3 PROJECT QUALITY PLAN	ECHO_D1.3_v1.4	1.4	23/04/2021

Table 1: Applicable documents

The following documents have been consulted for the generation of this document:

Reference	Document Title	Document Reference	Version	Date
[CP]	Communication and Stakeholder Engagement Plan (D9.16)	ECHO_D9.16_v0.9	0.9	31/07/2019
[DS]	Dissemination Strategy (D9.2)	ECHO_D9.2_v1.0	1.0	31/07/2019
[SM]	Stakeholder Mapping Report (D9.3)	ECHO_D9.3_v1.0	1.0	31/07/2019
P[EC]	D9.5 Event calendar	ECHO_D9.5_Event-Calendar_v1.0	1.0	31/01/2020
P[EC]	D9.22 Update - Event Calendar	ECHO_D9.22_Update_Event-Calendar_v1.0	1.0	31/01/2021

Table 2: Reference documents

1.5 Intellectual Property Rights

Based on the legal framework provided in the ECHO Grant Agreement and the Consortium Agreement, ECHO specific IPR procedures have been established to protect the innovations and knowledge developed within this deliverable.

1.6 Glossary of acronyms

Acronym	Description
CCN	Cyber Competence Network
ECSSO	European Cyber Security Organisation
EFAS	ECHO Federated Autumn School
ENISA	European Union Agency for Cybersecurity
EU	European Union
IPR	Intellectual Property Rights
MS	Member State
WP	Work Package

Table 3: Table 3: Glossary of acronyms, initialisms, and abbreviations

2. Event selection process

The ECHO project began its operations in early 2019 (together with the other three cyber competence center's pilot projects), as the topic of cybersecurity gained momentum at the EU level. The innovative approach of ECHO was received very well by the market and resulted in several conference and workshop invitations.

As already predicted in *D9.5 Event calendar*, as the project matures, ECHO cannot rely solely on invitations; therefore, WP9 'Dissemination, Exploitation, and Innovation Management' has introduced a continuous monitoring process to identify suitable events and ensure a proactive approach to participation. ECHO's editorial team continuously collects information and monitors the upcoming events of:

- relevant EU level organisations (ENISA, ECSO, CyberWatching)
- other 3 CCN pilots
- other H2020 cyber projects
- major EU conferences and events
- partner/country level cybersecurity events
- events by industry with cyber blocks

Following the identification of potential events (either identified during this process or by one of the ECHO partners), the relevance of the event will be evaluated by the WP1 and WP9 management team. Once a decision is made about participation, the process described in chapter 3 will be followed.

3. List of events

Due to the Covid-19 pandemic the whole world had to change the conferences and meetings to online platforms in 2020 and unfortunately this trend continued into 2021 as well. WP9 had to adjust to this mode of operations, and ECHO represented itself at numerous online webinars and events.

Following the changes in 2020 and 2021, the project during its first three years of operation has the following event metrics:

- 80+ event presentations all over Europe;
- 25 co-organized events;
- 10+ high-level meetings with EU representatives and other top-level members of cybersecurity organizations (ENISA, ECSO);
- reaching 8000-10000 audience personally and virtually combined.



Figure 1: ECHO events' location

3.1 List of events – 2019-2021

Inventory of the events in 2019-2021, where ECHO project partners have participated and disseminated the project goals, aims and interim results.

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
Cyber Shock Wave	Sofia	2019.04.04	Presentations	Dissemination to academy	BDI, IICT	Academy
ECISO WG6 workshop	Brussels	2019.04.10	Presentations	Dissemination to ECISO WG6	RHEA, RMA, GT, ESI CEE	ECISO WG6
Laurea CyberMorning	Helsinki	2019.05.09	Full event organization by ECHO, presentations	Dissemination to students, industry. Many contacts and interests from the audience	LAU, RHEA	Laurea Students, Finnish industry
ItaliaSec Summit	Rome	2019.05.14	Presentations	Dissemination to industry, many contacts collected	ACEA	Wide industry audience
NATO Critical Space Infrastructure from Vulnerabilities and Threats to Resilience	Norfolk	2019.05.21	Presentations	Dissemination to NATO panel	RHEA	Audience from Defense and aerospace
Cyberwatching.eu CONCERTATION Event	Brussels	2019.06.04	Presentations	Dissemination to H2020 involved audience, European Commission	RMA	H2020 involved audience, European Commission
National Congress for the Protection of Classified Information in Business and Personal Data	Bialka Tatrzenska, Poland	2019.06.11	Presentations	Dissemination to industry	AGH	Polish industry

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
Idealist2020/SEREN4 Meet & Share workshop	Luxembourg	2019.06.13	Presentations	Dissemination to NCPs	RHEA	NCPs
H2020 Canvas Consolidation Conference	Brussels	2019.06.19	Presentations	H2020 projects audience	RMA	H2020 projects audience
Cybersecurity & Cloud EXPO Europe 2019	RAI Amsterdam	2019.06.20	Presentations	Industry audience, multiple contacts collected	RHEA	Industry audience
CyberSec talk Enterprise Clients	Madrid	2019.06.25	Presentations	Industry audience, contacts collected	TME	Industry audience
CyberSec talk Enterprise Clients	Madrid	2019.07.01	Presentations	Industry audience, contacts collected	TME	Industry audience
18th European Conference on Cyber Warfare and Security ECCWS 2019	University of Coimbra, Portugal	2019.07.04	Presentations	Academy audience, wide dissemination	BDI	Academy audience
CODE	Munich	2019.07.11	Presentations	Invited by EC	RHEA	Academy and defense audience
1ST EHACTION INTEROPERABILITY WORKSHOP FOR HOSPITAL CIOS AND CEOS	Thessaloniki, Greece	2019.07.10	Presentations	Healthcare audience, academy and industry, contacts collection	CERTH	Academy, industry and public

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
ECSO-ECHO WG5 Workshop	ECSO Brussels	2019.07.12	Workshop, Presentations	Discussion and workshop about E-FCR	RHEA, GT	ECSO WG5 representatives
NIS Summer School	Heraklion	2019.09.16	Presentations, Panel	Cross panel with other three pilots, dissemination with students	BU	Students, academy
Forum Mediterraneo in Sanità 2019	Bari	2019.09.20	Presentations	Healthcare audience, academy and industry, contacts collection	EXP	Academy, industry and public
Austro-Bulgarian Security Forum	Sofia	2019.09.25	Presentations	Dissemination to Bulgarian industry	TBS	Industry
EDA workshop - Federation of Ranges	Brussels	2019.09.26	Workshop, Presentations	Discussion and workshop about E-FCR	RHEA, GT, RMA	EDA representatives
DIGILIENCE 2019	Sofia (Bulgaria)	2019.10.02	Co-organization, presentations	Multiple ECHO dissemination activities, co-organization of the conference	IICT, BDI, ESI CEE, LAU	Academy
CS4CA Europe	London	2019.10.02	Presentations	Dissemination to energy industry	RHEA	Industry
Hungaromed	Budapest	2019.10.07	Presentations	Dissemination to healthcare industry	SU	Industry
Cybersec 2019	Budapest	2019.10.29	Presentations	Dissemination to healthcare industry	SU	Industry, academy
Yearly conference of the Disaster Recovery arm of the Ministry of Interior	Budapest	2019.11.04	Presentations	Dissemination to healthcare industry	SU	Industry, academy

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
Cyberwiser + ECHO Cyber Range workshop	Pisa	2019.11.05	Workshop, Presentations, co-organization	Workshop on cyber-ranges with Italian SMEs	RHEA	Industry
EDA Federation of Ranges presentation in Helsinki	Helsinki	2019.11.06	Presentations	Disseminate about E-FCR	RMA	EDA, defense
Laurea Cyber Morning 2, 8th November 2019	Helsinki	2019.11.08	Full event organization by ECHO, presentations	Dissemination to students, industry. Many contact and interests from the audience	LAU	Laurea Students, Finnish students
Cybersec 4 Europe 2019	Toulouse	2019.11.13	Presentations	Dissemination to academy, other 3 pilot projects	RMA	Dissemination to academy, other 3 pilot projects
Space Tech Expo Europe	Bremen	2019.11.19	Presentations	Presentations to space industry, contacts collection	VisionSpace	Space industry (Europe-wide)
Digital Italy Summit 2019	Rome	2019.11.27	Presentations	Dissemination to energy industry	ACEA	Energy industry
RHEA Lunch & Learn Lecture	Webinar	2020.01.17	Presentation	Industry (RHEA internal)	RHEA	Industry
Necs PhDs Winter School	Trento	2020.01.20	Co-organization, cyber-range hands-on activities, privacy and blockchain lectures	Training to students, lectures	RHEA, CERTH, BU, RMA	Academy students

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
Cyberwiser + ECHO Cyber Range workshop	Pisa	2020.01.30	Workshop, Presentations, co-organization	Workshop on cyber-ranges with French SMEs	RHEA	Industry
SEREN4 Webinar: Cyber Competence Network and the four pilots: Exploring ways of collaboration for better cybersecurity in Europe	Webinar	Monday 24 February, 11:00-12:30	Presentation	Cyber Competence Network and the four pilots: Exploring ways of collaboration for better cybersecurity in Europe	RHEA	Industry
Cyberwatching Webinar A visual Guide to the EU Cybersecurity projects landscape	Webinar	4/2/2020	Presentation	A visual Guide to the EU Cybersecurity projects landscape	RHEA	Industry
Seren4 Workshop on cybersecurity	Webinar	4/28/2020	Presentation	Critical Infrastructure Protection Disaster Resilience: Safeguarding and securing society	RHEA	Industry
SecWorld 2020	Webinar	4/29/2020	Presentation	Cybersecurity connected with Covid-19	SU	Defense
Laurea Cyber Morning #3	Helsinki	5/6/2020	Co-sponsored by ECHO	Marco Pappalardo presented ECHO	CIRM	

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
IEEE Dessert	Online (Kiev)	5/14/2020	Presentation	Its primary focus has been on methodologies, techniques and tools for dependability, security and safety assessment	RHEA, BDI	Industry
ECSO Webinar	Webinar	5/20/2020	Presentation	Information sharing, early awareness, vulnerability management and response in times of crisis	RMA	Industry
Cybershare 2020	Iasi	5/28/2020	Presentation	Boosting the effectiveness of the Cyber Security in Europe	RHEA	Industry
Cypber 2020	Cyprus (online)	6/3/2020	Cosponsoring	CyberSecurity event for Maritime - Oil & Gas - Energy in the Eastern Mediterranean	RHEA	
Cyber Security Summer Hub	Online	6/9/2020	Presentation	Online debate on European and global cyber security policy.	RMA	Industry, academy
ENISA workshop for developing the European Cybersecurity Skills Ecosystem	Webex	6/25/2020	Co-organization	Collaborations efforts across the pilots of the European Competence Network		European Union Agency for Cybersecurity

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
CCN Webinar on Cyber Ranges	Webinar	6/25/2020	Co-organization	Collaborations efforts across the pilots of the European Competence Network	RHEA	Cyber range
MODS 2020	Online	6/29/2020	Presentation	Exchange of experience in research, organizational, scientific and practical work on modern aspects of mathematical modeling and simulation of systems in ecology, geology, manufacturing, information technology and cybersecurity, project management	BDI	Academy
LEAD Summer School	Online	7/10/2020	GT, ESI CEE Presentation	Innovative use of health data on EU level	RHEA, SU	Academy
ARES 2020 Conference	Online	8/26/2020	Presentation	The topic of the keynote was "Strengthening Cyber Security in Europe – ECHO project approach"	RHEA	Academy
CACOE'20 Cyber range Workshop	Online	9/7/2020	Presentation	Bring together researchers advancing, developing and maintaining cyber ranges	RHEA	Cyber-range

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
IFIP Sec2020	Online	9/21/2020	Presentation	Strengthening Cyber Defence in Europe through efficient multi-sector and multi-domain collaboration	RHEA	Industry
Digilience 2020	Conference	9/30/2020	Co-organization	"Digital Transformation, Cyber Security and Resilience"	BDI, IICT	Industry
CS4CA Europe	Webinar	10/6/2020	Presentation	Organisations are digitally transforming their operations and processes, increasing business risks and presenting new opportunities for attackers to penetrate critical assets and infrastructure.	RHEA	Academy
MCSS 2020 conference	Conference	10/8/2020	Presentation	Multimedia Communications, Services & Security	RHEA	Industry
CENTRAL EUROPEAN CYBER SECURITY PLATFORM	Online	10/22/2020	Presentation		SU	Academy
Apulia Cyber Security Forum	Online	11/3/2020	Presentation	Cyber Competence Network: l'approccio della Commissione Europea verso l'autonomia strategica in cyber security	RHEA	Industry

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
3rd Global IT security summit	Online	11/18/2020	Presentation	Transforming the future of Information Technology	RHEA	Industry
Laurea Cyber Morning	Webinar	11/19/2020	Presentation	Early warning system	RMA	Academy
Four Pilots Event Convergence	Online Conference	12/9/2020	Co-organization	The Cyber Competence Network, comprising the four pilots CyberSec4Europe, SPARTA, CONCORDIA and ECHO	all	Academy/ Industry
Private cybersecurity firms and States	Online	02/24/2021	Presentation	Harri Ruoslahti presented ECHO	LAUREA	Academy/Industry
Cyberspace politics in the European Union	Online	2/26/2021	Presentation	Matteo Merialdo and Luis Angel Galindo presented ECHO	RHEA Telefónica	combined audience
Foro Nacional Seguridad	Online	3/4/2021	Presentation	Luis Angel Galindo presented ECHO	Telefónica	Industry
Cyberwiser.eu final event	Online	3/25/2021	presentation	Matteo Merialdo presented ECHO	RHEA	Industry
CRFG Workshop	Online	4/7/2021	ideathon	Mascia	ENQ	Internal
The EU Pilot Projects for the Competence centre and ECSO ITASEC	Online	4/8/2021	Presentation	Todor Tagarev presented ECHO	IICT	
EnergyShield Workshop	Online	4/15/2021	Presentation	Matteo Merialdo presented ECHO	RHEA	Industry

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
Laurea Cyber Morning	Online	4/29/2021	Webinar	Matteo Merialdo presented ECHO	RHEA/LAUREA	Academy
PANACEA 3rd Users Workshop	Online	5/4/2021	Workshop	Matteo Merialdo presented ECHO and CCN	RHEA	Industry
CS4CA Europe	Online	5/6/2021	Presentation	Matteo Merialdo presented ECHO (Co-sponsored by ECHO)	RHEA	Industry
Cybershare Conference	Online	5/20/2021	Presentation	ECHO was presented by Wim Mees and Matteo Merialdo	RMA/RHEA	Industry/Academy
CRFG 2nd Ideathon - Demystifying Cyber Ranges	Online	6/2/2021	Workshop	Mascia	ENQ	Internal
VI Jornadas Nacionales de Investigación en Ciberseguridad	Online	6/10/2021	Presentation	Luis Angel Galindo presented ECHO	Telefónica	Industry
2021 International Conference on Cyber Situational Awareness, Data Analytics and Assessment (CyberSA)	Online	6/17/2021	Presentation	Towards a Healthcare Cybersecurity Certification Scheme by Consuelo Colabuono	RHEA	Industry
Shaping the future of cybersecurity - priorities, challenges and funding	Online	7/13/2021	Presentation	Matteo Merialdo presented ECHO.	RHEA	Industry

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
opportunities for a more resilient Europe						
Cybersecurity Competence Centre Pilot Projects: SME Impact and Opportunities	Online	7/14/2021	Presentation	Matteo Merialdo Presented ECHO	RHEA	Industry
2021 IEEE CSR Workshop on Cyber Ranges and Security Training (CRST)	Online	7/26/2021	Co-organization	Matteo Merialdo presented ECHO	RHEA	Cyber-range/Academy
2021 IEEE CSR Workshop on Actionable Cyber Threat Intelligence (ACTI)	Online	7/28/2021	ECHO organization	Vasilis Katos workshop chair, Wim Mees, Todor Tagarev, Cagatay Yucel - organizing committee, Márton Kis publicity chair	BU, RMA, BG, SU	Academy/Industry
Privacy workshop for multimodal transport (CORMORANT)	Online	9/1/2010	Presentation	Matteo Merialdo and Nikolai Stoianov presented ECHO.	RHEA	Industry
Workshop on Cyber Range Applications and Technologies (CACOE) 2021	Online	9/7/2010	Co-participate	Matteo Merialdo was part of the steering committee.	RHEA	Cyber-Range
FIC @ Lille	Lille, France	9/7-9/2021	Booth	ECHO had a booth, Matteo Merialdo	RHEA	EC level

Event	Location	Date	Activity: presentation, panel, Info Stand	Motivation (and main outcomes)	Partner(s) involved	Main Target audiences
DIGILIENCE 2021	Veliko Tarnovo, Bulgaria	9/29-10/1/2021	Co-sponsored	Nikolai Stoianov presented ECHO.	BDI	Academy/Industry
The future of cybersecurity in Slovenia and in Europe	Online	10/4/2021	Presentation	Matteo Merialdo presented ECHO.	RHEA	Academy
Bulgaria - European Cybersecurity Month	Online	10/12/2021	Presentation	Nikolai Stoianov presented ECHO.	BDI	Co-branded
Laurea Cyber Morning	Webinar	11/17/2021	Presentation	Harri Ruoslahti presented ECHO	RMA	Academy
ECHO Autumn School	Online	11/23-25/2021	ECHO organization	EFAS TTX Evaluation	All ECHO partners	Academy

Table 4: ECHO event participation 2019-2021

Name	Type	Partner	Date
Cyberwiser.eu final event	Co-branded	RHEA, Telefónica	3/25/2021
The EU Pilot Projects for the competence centre and ECSO - ITASEC	Co-branded	IICT	4/8/2021
Energy Shield workshop	Co-branded	RHEA	4/15/2021
PANACEA 3rd users workshop	Co-branded	RHEA	5/4/2021
CS4CA Europe	Co-branded	RHEA	5/6/2021
CRFG 2nd Ideathon	Own	ENQ	6/2/2021
Shaping The Future of Cybersecurity - Priorities, Challenges and Funding Opportunities for a more resilient Europe	Co-branded	RHEA	7/13/2021
Cybersecurity Competence Centre Pilot Projects: SME Impact and Opportunities	Co-branded	RHEA	7/14/2021
2021 IEE CSR workshop	Co-branded	RHEA	7/26/2021 7/28/2021
FIC	Own	All ECHO partners	9/7-9/2021
Cyber Morning	Own	Laurea	Multiple times in 2021
Digilience 2021	Co-branded	BDI, IICT	10/29-11/01/2021
ECHO Federated Autumn School	Own	All ECHO partners	11/23-25/2021

Table 5: Events organized by ECHO in 2021

3.2 List of proposed 2022 events

This section provides a summary inventory of the proposed own and participatory events and conferences for 2022. Based on the current situation, travelling restrictions and vaccination strategies of the European countries, it is still expected that the conference sector will mostly remain online, so the ECHO WP9 team is continuously monitoring the developments and is ready to adjust the plans should the landscape changes in a positive direction. As this is the closing year of the ECHO project, it would be highly desirable to hold at least some of the events with a physical presence.

3.2.1 Events planned to be organized by ECHO in 2022

In 2022 the project intends to continue to organize more ECHO own or co-branded events, in order to reach a wider audience, and strengthen the presence of ECHO on the cybersecurity landscape in Europe. As ECHO entered the 4th year of operations in 2022, more products are released and ready to be presented on targeted conferences. The focus in 2022 will be on the Demonstration cases which is a wide initiative to validate all ECHO assets via sector-specific and multisector scenarios (energy, maritime, healthcare, etc.).

Name	Type	Partner	Date
Digillience 2022	co-branded	ESICEE, BDI, IICT	during 2022
ECHO Summer School – Maritime and Healthcare	Own	All ECHO partners	April and May 2022
ECHO Autumn School – Information Security for Project Managers	Own	All ECHO partners	Autumn 2022
ECHO Autumn School - Energy	Own	All ECHO partners	Autumn 2022
E-EWS use for reference library and for cyber incident coordination response	Own	All ECHO partners	18 May, 2022
E-FCR use for cyber-skills education and training	Own	All ECHO partners	15 June, 2022
E-FCR use for cybersecurity certification of new technologies	Own	All ECHO partners	21 September, 2022
E-FCR use for R&D activities of the technology roadmaps	Own	All ECHO partners	19 October, 2022
Cyber Morning	Own	Laurea	Multiple times in 2022
CCN - Four Pilots Event	co-branded	All ECHO partners	late 2022
Innovation management ideathons	Own	WP9 partners and ECHO asset owners	Multiple times in 2022
Asset centered webinars	Own	asset owner WP partners	Multiple times in 2022
Conference on cybersecurity and digital health	Own	All ECHO partners	during 2022

Table 6: Events planned by ECHO in 2022

3.2.2 ECHO event participation

The proposed events presented below are based on the selection criteria described in Chapter 2 of this document. The list is based on the currently available information only and will be monitored, updated and maintained on the internal online system.

Event	Location	Date
23rd PCI London 2022	London, UK	26 January
15th International Conference on Computers, Privacy and Data Protection (CPDP)	Brussels, Belgium	26 January
2022 Sum of all fears – Nordic IT Security	Stockholm, Sweden	27 January
Course on Cybersecurity Basics for Non-Experts	Budapest, Hungary	2-4 February
International Conference on Information Systems Security and Privacy	Online	9-11 February
16. International Conference on Industrial Cybersecurity, Barcelona	Barcelona, Spain	15-16 February
Cyber Intelligence Europe 2022	Oslo, Norway	1-3 March
2022 International Conference on the EU Cybersecurity Act, Brussels	Brussels, Belgium	8-9 March
2022 International Conference on Frontiers of Information Technology	Paris, France	14-16 March
Security BSides Dublin 2022	Dublin, Ireland	19 March
IEEE 5G Cybersecurity Summit	Venice, Italy	5-7 April
7th International Conference on Internet of Things, Big Data and Security (IoT BDS)	Setúbal, Portugal	22-24 April
Big Data Technology Warsaw Summit 2022	Warsaw, Poland	26-28 April
Cloud & Cyber Expo - DIGITAL TRANSFORMATION EXPO MANCHESTER	Manchester, UK	27-28 April
4th Israeli Conference on Hardware and Side-Channel Attacks (ICHSA) 2022	Tel Aviv, Israel	1-3 May
Cybertech Europe	Rome, Italy	10-11 May

Event	Location	Date
5th Annual Digi-Tech Pharma and AI 2022	Online	10-11 May
12th IMA International Conference on Mathematics in Signal Processing	Birmingham, UK	18-20 May
ASIS Europe 2022	Prague, Czech Republic	22-24 May
Italiasec	Milan, Italy	24-25 May
BSides Oslo 2022	Oslo, Norway	25 May
European Interdisciplinary Cybersecurity Conference, Barcelona	Barcelona, Spain	15-16 June
7TH ANNUAL Rail cybersecurity uk and europe	London, UK	15-16 June
21st European Conference on Cyber Warfare and Security (ECCWS)- UK	Chester, UK	16-17 June
Infosecurity Europe, London	London, UK	21-23 June
BSides Athens 2022	Athenes, Greece	25 June
19th International Conference on Security and Cryptography (SECRYPT)	Lisbon, Portugal	11 July
16. International Conference on Cloud Computing and Cybersecurity	Rome, Italy	21-22 July
35th IEEE Computer Security Foundations Symposium (CSF)- Israel	Haifa, Israel	7-10 August
Security & Risk Management Summit, London	London, UK	12-14 September
British Legal Technology Forum 2022	London, UK	13 September
Blueprint LDN 2022	London, UK	21-22 September
The Seventh International Conference on Cyber-Technologies and Cyber-Systems, Valencia	Valencia, Spain	13-17 November
IT SA Expo, Nuremberg	Nuremberg, Germany	25-27 November
5G Expo Global 2022	London, UK	1-2 December
Cyber Security& Cloud Expo Global 2022	London, UK	1-2 December

Table 7: ECHO event participation 2022

The well-established administration process did not change - WP9 is responsible for the monitoring of events based on the criteria listed in chapter 2. However, all ECHO partners are expected to monitor the potential events, making use of their own networks and local stakeholder relationships. If a relevant event shows up on their radar, then the partners will notify the WP9 editorial team. Once a decision is reached about the event participation, the WP1 and WP9 management team will support the event speaker with the standard (and continuously updated) ECHO project presentations (slide deck), enabling the attending partner to tailor it to the specific audience.

All approved events are reported to the WP1 coordination team, who are responsible for keeping the updated inventory of approved events on the official project SharePoint cloud solution. The real-time inventory is available on the ECHO SharePoint under the following link (available to project partners):

<https://echoh2020.sharepoint.com/sites/ECHOTeam/Lists/External%20Events/calendar.aspx>

Alternatively, the ECHO website also hosts the list of upcoming events:

<https://echonetwork.eu/events/>

4. Conclusions

The conference participation is still a major, vital part of the ECHO dissemination activities. With the ECHO products entering their market-ready phases during the last year of the project operations, it is essential to find and select effective communication platforms and methods to inform target audiences about the product portfolio and also receive feedback from potential users to feed into the Exploitation Strategy of ECHO.

As more waves of the pandemic are coming and going, the ECHO event strategy has to be adapted to the current situation. The conference industry is planning the events with serious precautions, more or less in a mixed way, but still with the majority of events planned online. The ECHO consortium has to acknowledge this current state of play and react to the fact that cyberspace has become too crowded, the number of online events is really high, while their reach and the engagement of the audience is constantly decreasing. It is a common phenomenon that participants in online conferences are less receptive. Either they register but do not participate (the no-show rate is much higher than at the on-site conferences) or do not maintain the focus due to other distractions or even genuine “Zoom fatigue”.

Realizing the above effects, while maintaining ECHO’s presence at the most valuable conferences, the WP9 team actively engages its target audience using alternative dissemination channels (website, social media, blog, newsletter, video content, etc.) to counterbalance the COVID effect on the conference industry.