

eNOTICE

European Network Of CBRN Training Centres

D5.5 eNOTICE Progress report 3

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3	Fire and Rescue Service of Seine et Marne (SDIS77)	X
4	Association pour la recherche et le développement des méthodes et processus industriels (ARMINES)	
5	Umea Universitet (UMU)	
6	Fire Department Dortmund (FDDO)	X
7	University of Paderborn (UPB)	X
8	Joint CBRN Defence Centre of Excellence Vyškov (JCBRND COE)	
9	Middle East Technical University (METU)	
10	University of Rome Tor Vergata and The Italian Joint NBC Defense School (UNITOV)	X
11	West Midlands Police, National CBRN centre (WMP)	
12	War Studies University, CBRN Defence Training Centre (WSU)	
13	Scientific and Research Centre for Fire Protection (CNBOP-PIB)	

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Executive Summary

This document is Deliverable 5.5 of eNOTICE, a European Horizon 2020 EC funded project, under the Grant Agreement n° 740521. eNOTICE aims at building a dynamic, functional and sustainable European network of CBRN Training Centres, testing and demonstration sites (CBRN TC), which is expected to enhance capacity building in training and user-driven innovation and research, based on well-identified needs. Deliverable 5.5 is the third of a series of 6-monthly progress reports on the eNOTICE activities and it covers the progress of the project from September 1, 2018 to February 28, 2019.

This report gives an overview and summary description of tasks that are finished and ongoing since the previous report (D 5.4, August 2018 (M12)).

The following Deliverables were submitted during the previous reporting period (M13-M18):

- D2.2 - CBRN Training Capacity quality label (public report, submitted M17, lead SDIS77)
- D2.5 - Framework and sustainability plan for the European CBRN TC network (public report, submitted M 24, lead UNITOV)

All public Deliverables are available at the eNOTICE web based platform: <https://www.h2020-enotice.eu/static/publications.html>

The following tasks are ongoing:

- Task 3.1 - Dissemination activities to promote and enhance the web based platform and project results, lead UCL
- Task 3.2 - Development of a web based platform to share information and encourage communication, lead UPB
- Task 3.4 – Integration of platforms and interfaces, lead UPB
- Task 4.2 - Organisation of joint activities (exercises combined with tests, validations or demonstrations), lead VESTA
- Task 4.3 - Identification of opportunities to strengthen policies and recommendations for R&D, lead UCL
- Task 4.4 - Plan to pool resources and optimise investments for increased CBRN Training Capacity, lead UMU
- Task 5.1 - Consortium Management, lead UCL
- Task 5.2 - Technical management and Task 5.2.1 Quality management, lead VESTA
- Task 5.2.1 - Quality management: development of a continuous improvement methodology, incl. process and result indicators to follow up the project's performance, lead Vesta
- Task 5.2.2.- Evaluation of the functioning of the web based platform, lead FDDO
- Task 5.2.3. - Evaluation of the methodology and templates for the preparation, organisation, evaluation and follow up of exercises combined with tests, validations and demonstrations, lead UNITOV

- Task 5.2.4 - Evaluation of the quality label, web based search function and recommendations for certification, lead UNITOV
- Task 5.3 Security, legal and ethical aspects, lead UMU

This report also includes the results of the annual internal Quality monitoring. The main conclusions from the Quality survey of January 2019 are summarized in a SWOT analysis as internal Strengths and Weaknesses. The SWOT analysis is completed with a list of external Opportunities and Threats, based on information from D2.3 on Needs and Gaps and the feedback and lessons learnt from the eNOTICE Joint Activities.

The next progress report is due August 2019 (M24)

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Nomenclature

CBRN	Chemical, Biological, Radiological, Nuclear
eNOTICE	European Network of CBRN Training Centres
KPI	Key Performance Indicator
SWOT	Strengths, Weaknesses, Opportunities, Threats
TC	Training Centre

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1. Introduction on scope and objectives

1.1 eNOTICE scope and objectives

The objective of the eNOTICE project – European Network of CBRN Training Centres - is to build a dynamic, functional and sustainable European network of CBRN Training Centres, testing and demonstration sites (CBRN TC), aiming at enhanced capacity building in training and users-driven innovation and research, based on well-identified needs.

eNOTICE seeks to improve European preparedness, resilience and incident response to CBRN attacks and emerging threats through close multi- (stakeholders) and single-discipline (practitioners) interactions.

Considering the variety of disciplines involved in managing CBRN risks, collaboration has always been quite challenging. CBRN TC can act as the perfect operational intermediary between all civilian and military CBRN actors, EU relevant bodies and policy-makers, and thus serve as the best cradle for expansion of a CBRN network of professionals.

To set up such a network that is both efficient and meets the needs of different security actors, several lines of action will be followed within the five-year timeframe of eNOTICE in order to develop a network that will be viable, attractive as well as sustainable.

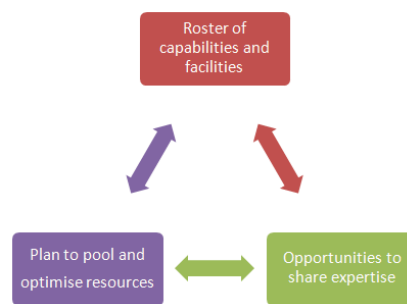
eNOTICE relates to the ‘SEC-21–GM-2016-2017: Pan European Networks of practitioners and other actors in the field of security’. Of the four distinct categories of practitioners SEC-21-GM aims at, this project addresses the need for a network for *‘entities from around Europe that manage demonstration and testing sites, training facilities, including simulators or serious gaming platforms in the area of CBRN and for first responders or civil protection practitioners’*¹.

The work program proposes three lines of actions: 1) establish and maintain a roster of capabilities and facilities, 2) organize the best way to share expertise, and 3) plan to pool and share resources with a view to optimize investments.

¹ European Commission Decision C(2017) 2468 of 24 April 2017, Horizon 2020 Work Programme 2016-2017, 14. Secure Societies - Protecting freedom and security of Europe and its citizens, webpublication at: http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-security_en.pdf

These lines will serve as a baseline for the project (see Figure 1) and will be complemented by a range of activities aiming at:

- 1) preparing a **structural, sustainable technical platform** to enable the partners to support the proposed actions, hence to provide a solid basis to expand to any other relevant activity;
- 2) a well-informed, sound, conceptual based **sustainability plan** for the platform, taking into account the profile, needs and expectations of the targeted members, as well as an appropriate strategy to overcome existing barriers and difficulties in creating a CBRN Training Centres' network;
- 3) a **mix of complementary activities** to strengthen the effect of the three proposed lines of action and to maximize opportunities provided and created by the CBRN platform.



**Figure 1 Three lines of actions in eNOTICE
(eNOTICE DoA 2016)**

The three lines of actions are covered by the eNOTICE Objectives and Sub-objectives. A summary overview is included in the first Progress report (p. 9), as well as an overview of the mix of eNOTICE activities in these three lines of action (p. 8).

1.2 eNOTICE Project reports' scope, objectives and methodology

1.2.1 Scope

This report relates to Task 5.1 - Technical management and Task 5.2.1 - Quality management.

As mentioned in the Description of Action, these Tasks cover the following actions:

Task 5.2 - Technical management ensures the scientific and technical quality of the project and its continuous compliance with the project **Objectives**. The main focus of this task is to keep oversight on all developments within the project, including supervision of the **information flow** and **communication** between related tasks, **avoiding duplication** of efforts in parallel tasks, ensuring **good collaboration** between the partners involved in parallel and consecutive tasks. Technical quality management and follow up during the whole duration of the project will be based on the performance management methodology and indicators developed in subtask 5.2.1.

Task 5.2.1 - Quality management: development of a continuous improvement methodology, incl. process and result indicators to follow up the project's performance

This subtask aims at developing a methodology to continuously monitor ongoing tasks and identify opportunities for improvement of the project as a whole. All relevant aspects will be covered, such as the proactive role of WP and Task leaders, respect of planning and timely Deliverables, the quality of the Deliverables, the links between different WPs and tasks and the necessary communication flows between them, efficient use of the resources (MM and costs), etc. Not only result indicators (timing/Deliverables) will be monitored, but also process or leading indicators because of their capacity to predict forthcoming results. A SWOT-analysis will be part of the methodology, in order to have an instrument that not only looks at internal strengths and weaknesses, but also takes into account external threats and opportunities. Awareness for security related evolutions in today's society for instance and changing regulations to adapt to these evolutions, and their impact for the project might thus be proactively and structurally monitored and taken care of (as opposed to an ad hoc and reactive approach). The interim results will be communicated to the Task 5.1 Consortium management and Task 5.3 Security, legal and ethical aspects, according to their relevance. Task 5.2.1 is responsible for the production of the 6-monthly reports in the three lines of actions as required by the work programme: 1) establish and maintain a roster of capabilities and facilities, and 2) organize to share expertise, and 3) plan to pool and share resources with a view to optimize investments.

In the first progress report (D5.2, February 2018) a Quality monitoring instrument and survey were elaborated to monitor process and result indicators, in order to proactively follow up on and ensure the quality of the project activities and results. In D5.2 the rationale and methodological approach of the Quality monitoring were extensively described; as well as the results of the first survey, the interpretation of the answers and lessons to take into account to continuously ensure and improve the quality of eNOTICE processes and results.

During the project meetings at the UCL Joint Activity (June 2018) it was unanimously decided by all partners to limit the frequency of this survey to one per year (see argumentation in D5.4, August 2018).

This report includes the results, interpretation and conclusions of the second Quality monitoring survey.

1.2.2 Links to other tasks

Task 5.2.1 is responsible for the production of the 6-monthly reports in the three lines of actions as required by the work programme. These interim results are communicated to the Task 5.1 - Consortium management. The monitoring results of Task 5.3 Security, legal and ethical aspects, are also included in this report.

1.2.3 Structure of Progress report 3

The structure of this Progress report is as follows:

- Progress on Deliverables, and ongoing Tasks (Chapter 2.1 – Chapter 2.3)
- Progress on Milestones (Chapter 2.4)
- Overview of the results in the three lines of action (Chapter 2.5)
- Monitoring results on security, legal and ethical aspects (Chapter 2.6)
- Quality monitoring results (Chapter 3)
- The eNOTICE SWOT analysis (Chapter 4)
- Conclusions and follow up actions (Chapter 5)

2. Progress results, September 2018 – February 2019

2.1 Progress on Deliverables

Submitted Deliverables

The following Deliverables, on the eNOTICE Quality label and Sustainable framework, have been submitted during this second reporting period:

- **D2.2 - CBRN Training Capacity quality label**, WP2, public report, due M10, postponed to M16, lead SDIS77

This Task builds on the information collected in the D2.1 Catalogue to elaborate a label for the TCs, member of the eNOTICE network. D2.2 defines the CBRN Training Capacity label and describes the procedures for acquiring the label. Following a comprehensive study of another quality label (Council of Europe Quality label for Youth Centres), an inclusive definition of the label is proposed. The “quality” concept has been discarded, as it doesn’t meet the scope and objectives of the eNOTICE project. The resulting CBRN Training Capacity Label is associated with two sets of criteria: eligibility and additional.

The eligibility criteria encompass the capability of a TC to organise one of the key activities identified, in compliance with eNOTICE methodology as described in Deliverable 4.1 - eNOTICE methodology for the preparation, organization, evaluation and follow-up of CBRN exercises combined with tests, validations or demonstrations (February 2018), as well as an acknowledged expertise in at least one CBRN-related field, and a compliance with core European values.

The additional criteria allow to take into account the wide range of capabilities and training facilities of current and future eNOTICE members, so that no interested TC should be excluded from joining the network.

The procedures to be followed are detailed in the deliverable, as well as the organization which will be responsible for granting the label.

The deliverable also presents a preparative work on a search function, to be used with the web-based eNOTICE platform. This work was carried out in close collaboration with UPB.

D2.5 - Framework and sustainability plan for the European CBRN TC network,
WP2, public report, due M12, postponed until M18 (Project Officer agreed with the D2.5 submission on January 31), lead UNITOV

This Task describes the conceptual framework and sustainability plan for the implementation of a sustainable European CBRN Training Centres' network. The elaboration process was based on the results of all previous activities in WP2 and the corresponding deliverables, in order to develop a framework on the base of a clear mission, clear objectives, complementarities to existing networks (avoiding duplication), an adequate management structure ensuring its sustainability and a mix of appropriate instruments and activities according to the members' interests.

The work started from the framework provided by D2.4 on the identification of KPI for a successful security network, that has been completed with sustainability criteria (related to social, economic and environmental dimensions of sustainability) based on available literature and functionally adapted to the needs of security networks. This activity led to define a theoretical framework that is meant as guidance and support to the definition of sustainable security network, that includes a "sustainability check" to define the network and its activities under the umbrella of sustainability.

In the second part of the work, the eNOTICE case study has been elaborated (based on the previous work and discussions), to provide guidance for the decision making process related to the future of the eNOTICE network, and its self sustainability after the termination of the project.

The way forward envisages that the sustainability plan elaborated in D2.5 will mature during the remaining years of the project, taking in full consideration trends and lessons learnt from other security network initiatives (promoted at the EU and at the national level), as well as feedbacks from the eNOTICE network initiatives, structuring the network to achieve the highest level of effectiveness and efficiency with a long-lasting perspective. As the process of developing and defining the plan is key to sustainability, it will be constantly performed looking for maximum involvement of the Consortium partner and the network members. The further development of the sustainability plan will be continuous activity until the end of the project.

2.2 Clarification on postponed Deliverables

For the two submitted Deliverables, D2.2 – Quality label (due M10) and D2.5 – Framework and Sustainability Plan (due M12), several postponements of the deadline were requested and accepted by the Project Officer. D2.2 was submitted in Month 16, and D2.5 Month 17. The first postponement was due to the extension of the deadline for D2.1 on the Roster and Catalogue, in order to make adjustments in the approach and instruments, due to the negotiations with DEVCO to collaborate and share the eNOTICE results (questionnaire and database). D2.2. and D2.4 were postponed accordingly because of the link with D2.1 and the need to take the D2.1 results into account.

The Task 2.1.2 leader acknowledges a responsibility in the later postponements because of internal constraints. Being part of an operational unit, the human resources allocated to the eNOTICE project sometimes suffer from these operational constraints. In the framework of a lessons learning process, more human resources will be assigned.

As for D2.5, (due M12) several postponements of the deadline were requested and accepted by the Project Officer. The first postponement (M14) has been requested as a consequence of the postponement of D2.2 and D2.4, which were part of the input needed for the elaboration of D2.5. The second extension (M17) was needed to allow a fine tuning and to reach a final consensus of the theoretical framework and the subsequent elaboration of the sustainability plan for eNOTICE, and to be able to promote and take advantage of several internal discussion among the Consortium partners, that led to agree on the first elaborated sustainability plan.

2.3 Progress in ongoing Tasks

Task 3.1 Dissemination activities to promote and enhance the web based platform and project results, expected deliverable: D3.2 – Mid-term dissemination report, due M30 , lead UCL.

- **The eNOTICE first newsletter** was prepared by the project consortium and designed for public presentation by WSU. The newsletter summarized the main project results, strategic achievements and plans for the coming year. The newsletter was sent out to all dissemination contacts in December 2018.



NEWSLETTER

Important topics:

- Who are we?
- The Idea
- The Community
- Joint Activities
- Networking

Inside:

- Joint Activities 2
Callendar of events 4

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WELCOME TO eNOTICE COMMUNITY!

Dear eNOTICE community member, we would like to inform you about the latest eNOTICE achievements and some future plans. Visit the eNOTICE website www.h2020-enotice.eu – to get familiar with the partners and our so far published project results. The eNOTICE Community Centre is coming later in 2019! It will have a catalogue of European CBRN training centres with detailed information on their capacities as well as a collaborative document editing and an online meeting tool. Stay tuned!



The Goal

The overall goal of the eNOTICE project is to establish a European network of CBRN training, testing and demonstration centres aiming at enhancing CBRN training capacity for improved preparedness and incident response through increased collaboration between CBRN training centres and practitioners' needs-driven CBRN innovation and research.

Joint Activities

One of the key instruments for uniting and strengthening collaboration and synergies between the project partners and external stakeholders are Joint Activities. The usual core business of a CBRN TC is to organize regularly training, testing and demonstration activities for local stakeholders. Enlarging this to other organisations and widening the scope of activities to joint innovation testing naturally strengthens ties between new partners and bring them closer together. The eNOTICE Joint Activities are organised as show cases (demonstrating multiple benefits) by project partners during the 60 months lifetime of the project. Joint Activities include field, table top

exercises, demonstrations with deployable laboratories, simulations and serious gaming. The latter will provide a multi-background learning facility in a virtual environment. It will open up new means for CBRN-research in a cost-effective way.

Policy meetings gather representatives of policy makers (EU agencies, national and regional authorities) to exchange ideas on the networking progress, work on recommendations for R&D programme topics, and mutually strengthen all parties' policies and implementations and align the strategy. Policy meetings are organised annually between annual workshops.

Annual workshops are organised at 6 months distance from policy meetings, back to back with the exercises as well. Annual workshops gather all categories of stakeholders, and they discuss the current progress of the project and future objectives.

Final Conference is the event where all the activities organized during the project will be presented in a very synthetic way, focusing on the most interesting aspects for stakeholders, gradually gained insights and guidelines for improvement.

- UPB has maintained the **Twitter and Facebook** pages for dissemination purposes.
- For the period from September 1, 2018 to February 28, 2019 the project partners presented, discussed and promoted the project and the network at the following **events**:
 United Nations International Strategy for Disaster Reduction (UNISDR) meeting, October 24-25, 2018, Turin, Italy (VESTA); Public Safety Communication Europe (PSCE) Conference, December 12-13, 2018, Bled, Slovenia (VESTA); Belgian Knowledge Centre of Ministry of Home Affairs (KCCE) meeting, January 21, 2019, in Brussels, Belgium (VESTA); Workshop on Civil-Military Cooperation in the Field of CBRNe, 3rd December 2018 Brussels (JCBRND CoE, UCL); 12th meeting of the Community of Users on Secure, Safe and Resilient Societies, Ad-Hoc Workshop On Practitioners' Networking 4th December 2018, Brussels; Security Research Event (SRE2018), December 5-6, 2018, Brussels, Belgium (UCL, VESTA), Security Mission Information & Innovation Group (SMI2G 2019) (UCL), NO FEAR Virtual Workshop on standardization (UCL), European Schoolnet - Experts' seminar on evidence-based development of serious games for the educational sector: challenges and perspectives, 9th September 2018, Brussels, Belgium (METU); Bundeswehr CBRN Defence Command Commanders Conferences, Bruchsal, Germany, JCBRND Defence COE Annual Evaluations (JCBRND CoE); Crisis Management Innovation Network Europe I4CM / DRIVER + conference, September 3-4, 2018 (WSU, CNBOP-PIB); Workshop on international cooperation, topic crisis management and forest fires, September 25, 2018, Dortmund, Germany, Training of leading positions in emergency management (internal workshop), October 8, 2018 Dortmund, Germany; 23rd to 24th October 2018 and 13th to 14th February 2019, as a result the Bundeswehr CBRN Defence, Safety, Environmental and Self Protection School as part of the Bundeswehr CBRN Defence Command has filled in the Questionnaire for Training Centres and therefore joint the eNOTICE project (JCBRND COE), JCBRND Defence COE Annual Evaluations (JCBRND COE); Use of new technologies in crisis management - internal meeting of Directorate of FDDO, New concepts and technologies in CBRNe situations, University of Braunschweig, November 12, 2018, Germany, bilateral discussion between FDDO and crisis management members in Cape Town, South Africa, November 17, 2018, internal workshops on training of leading positions in emergency management, Dortmund, Germany, Management of large scale events workshop December 21, 2018, Dortmund, Germany (FDDO); Meeting of the Joint Staff for Security and Defense of

the Ile de France zone, France, November 20, 2018; Advanced chemical HAZMAT technical advisor course in National School of Firefighters Officers (ENSOSP), France, January 14, 2019. (SDIS77); Akademie für Krisenmanagement, Notfallplanung und Zivilschutz of the German Federal Office of Civil Protection and Disaster Assistance (UPB)); presentation and promotion of the project to UK national multi emergency service, industry and policy nuclear working group, the national tactical advisor multi agency conference, UK National exercise with CBRN focus, Counter Terrorism International team (WMP); poster presentation at the 4th International Workshop on CBRNe - Countering Radiological and Nuclear Threats, in collaboration between the International CBRNe Master Courses. November 8, 2018, Rome, Italy. <https://sievertacademy.com/iw2018/>; oral presentation at the H2020 MELODY project Kickoff meeting, November 12-13, 2018, Brussels, Belgium. (UNITOV).

- Large dissemination of the project to multiple external stakeholders – practitioners, policy-makers, industry representatives was made during eNOTICE Joint Activities - field exercise organized by UNITOV, October 9-11, 2018 in Rieti, Italy and the JCBRND COE's I-RAPTER radiological training course organized by JCBRND COE, February 25 – March 1, 2019, in Vyškov, Czech Republic.
- As a continuous activity – eNOTICE is being promoted in the professional networks and informal contacts and formal meetings at each partner organisations.

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Task 3.2 Development of a web based platform to share information and encourage communication, expected deliverables D3.8 & D3.9 – (Report on) eNOTICE information and communication platform full operational version (V1), due M24, lead UPB.

Task 3.2 will continue the development of the information and communication platform based on the user requirements listed in D3.6, input from other eNOTICE deliverables (e.g. D2.2 and D2.5) and the ongoing involvement of end users. Intermediary versions are developed and presented at the Joint Activities. An alpha test with users from the consortium has been launched and will be expanded, ensuring continuous improvement of the eNOTICE Community Centre.

Task 3.4 Integration of platforms and interfaces, expected deliverable D3.15 - Links to other CBRN networks and platforms, integration and interface functions on the eNOTICE information and communication platform. Report 1, due M22, lead UPB.



Task 3.4 currently gathers information on relevant projects related to eNOTICE. The gathered information will be used to link related projects on the website, as well as establish technical links between the eNOTICE Community Centre and related projects. This technical integration is expected to increase the connectivity and information exchange between the different networks and projects.

Task 4.2 Organisation of joint activities (exercises combined with tests, validations or demonstrations), expected deliverable: D4.4 - eNOTICE Joint Activity Planning, Report 3, due M 24, lead VESTA

Between September 2018 and February 2019, the following Joint Activities were organised:

- The Joint Activity for eNOTICE by the Joint NBC Defence School (JNBC School) in Rieti (IT) took place on the 10th-11th of October 2018. The JA was organized in the framework of the “CBRN Operational Sampling Course” to train CBRN specialist in CBR survey and sampling activities and procedures. The scenario was Radiological, and a Dirty Bomb search has been performed. The demo displayed many of the capabilities and capacities of the CBRN TC. Representatives of TARGET, FIRE-IN, SAYSO, ENCIRCLE, NO FEAR, MELODY, participated to the JA as observers and had the opportunity to visit the NUBICH training area and get to know the JNBC School, and what can be made available for use in their projects. This JA was hosted by the eNOTICE partners UNITOV and the Joint NBC Defence School of Rieti.
- In the time-frame 26th of February to 1st of March the first eNOTICE Joint Activity (JA) in 2019 took place at the Joint CBRN Defence Center of Excellence (JCBRN Defence COE) in Vyškov (CZE). This event was combined with the International Radiological Assistance Programme Training for Emergency Response (I-RAPTER) Basic Course, which is conducted in cooperation with the National Nuclear Security Administration (NNSA) of the US Department of Energy. This course aims to provide radiation protection specialists, first responders, law enforcement and emergency managers with practical information to effectively respond to radiological incidents and accidents. This JA was hosted by Joint CBRN Defence Center of Excellence (JCBRN Defence COE) in Vyškov.

The next report will describe these Joint Activities in detail, as well as the lessons learnt and recommendations for future activities.

The provisional calendar of Joint Activities is regularly updated with concrete dates for the following JA's. In these updates, opportunities to collaborate with other projects is taken into account.

	Date	Hosting partner	Location	Type of activity	
1	December 12-14, 2017	SDIS77	Gurcy, FR	Multidisciplinary Field Exercise (focus on fire brigades)	
2	January 29-31, 2018	ARMINES + METU	Nîmes, FR	Table-top / serious gaming	
3	June 19-20, 2018	UCL	Peutie-Vilvoorde, BE	CBRN mobile capacities Field Exercise	Policy Meeting 1
4	October 9-11, 2018	UNITOV	Rieti, IT	Multidisciplinary Field Exercise	Annual Workshop 1
5	February 25 – March 1, 2019	JCBRND CoE	Vyškov, CZ	International Radiological Assistance Programme Training for Emergency Response (I-RAPTER) Basic Course 2019	

Table 1 eNOTICE Calendar of past activities February 2019

	Date	Hosting partner	Location	Type of activity	
6	May 22-23, 2019	SDIS77	Gurcy, FR	Multidisciplinary Field Exercise	
7	July 10-12, 2019	WMP	Birmingham, UK	Table Top Exercise	
8	September 20-24, 2019	FDDO + CNBOP-PIB	Dortmund, DE	Multidisciplinary Field Exercise + Table Top Exercise	Policy Meeting 2 Annual Workshop 2
9	January 2020	METU	Ankara, TR	Serious Gaming	
10	May 2020	VESTA	Ranst, BE	Multidisciplinary Field Exercise	Policy Meeting 3
11	June 2020		Hannover, DE	Annual workshop 3 in collaboration with FIRE-IN network project at INTERSCHUTZ 2020	eNOTICE Dissemination & annual workshop
12	October 2020	UNITOV	Rieti, IT	Multidisciplinary Field Exercise	Annual Workshop 3
13	January 2021	WSU	Warsaw, PL	Table Top Exercise	
14	April 2021	FDDO	Dortmund, DE	Multidisciplinary Field Exercise	Annual Workshop 4
15	October 2021	JCBRND CoE	Vyškov, CZ	Radiological Advanced Training Course	Policy Meeting 5
16	February 2022	WSU + CNBOP-PIB	PL	Combined Civil-Military Exercise	
17	June 2022	VESTA + UCL	Ranst, BE	Multidisciplinary Field Exercise + Final conference	

Table 2 eNOTICE Provisional Calendar of future activities from March 2019 – June 2022

Task 4.3 Identification of opportunities to strengthen policies and recommendations for R&D, expected deliverable: D4.9 - eNOTICE recommendations for CBRN R&D and CBRN policies, public report, due M24, lead UCL

During the period of time from September 1, 2018 to February 28, 2019, links and synergies of eNOTICE with military stakeholders has been extensively explored. For eNOTICE, cooperation and coordination with EU strategic and regional partners are essential and synergies will be actively sought with all relevant security stakeholders, including military actors, the EDA and NATO, as well as with the private sector for what technological innovations related to better prevention, protection and response to CBRN risks are concerned.

eNOTICE already has three military partners in the consortium, and thus it is a perfect example of effective functioning civil-military cooperation. Persistent effort of the eNOTICE consortium to create a mechanism of synergy between civilian and military stakeholders will also have a positive impact of transnational, cross border cooperation and will usefully complement other EU-driven initiatives (e.g. training sessions and exercises at the EU level focusing on cross-sectoral cooperation after a radiological dirty bomb attack, training organised by Europol and CEPOL). Synergy developed within the eNOTICE network: (a) Will help develop an EU expert support structure which can provide to MS and EU institutions guidance and advice on technical and scientific issues in terms of CBRN preparedness and response, (b) Will facilitate the identification and dissemination of good practices and lessons learned, (c) Will help share expertise and liaise with existing CBRN centres of excellence in Europe and globally. The CIMIC was on the agenda of the DG HOME Community of Users on Secure, Safe and Resilient Societies (CoU) through a CIMIC - dedicated CoU workshop in the field of CBRN-E Research that was held in Brussels, Belgium on December 3, 2018 where eNOTICE had been invited as contributor and was represented by JCBRND CoE and UCL.

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Task 4.4 - Plan to pool resources and optimise investments for increased CBRN Training Capacity, lead UMU (until April 2019), new lead UNITOV (from May 2019)

This task will contribute to the increase of CBRN TC' capacity by elaborating a comprehensive plan to pool resources and optimise investments of CBRN TC.

Two different sources will be collected as input for the process:



1) The lessons learnt from the joint activities; evaluation on cost-efficiency and other benefits will be a mandatory section in the T4.1 evaluation form;

2) A desk study of good practices to pool resources and optimise investments, incl. description of a sustainability mechanism.

Lessons learnt and good practices will identify approaches from a cost-efficiency perspective, and based a broader cost-benefit analysis, will take into account all the benefits in terms of increased CBRN Training capacity, improved CBRN preparedness and response. Opportunities for alignment, harmonisation or standardisation of the operational functioning of CBRN TC and the exploitation of their facilities will also be considered (without aiming at unification, because of the intrinsic value of specialisations).

Interim reports will provide input for the 6 monthly reports in the three lines of action cf. the Work program (Deliverables in Task 5.2). All valuable insights and proposed strategies will be merged into one final report, as an effective practice to pool resources and optimise investments.

Task 5.1 Consortium Management, expected deliverable: D5.8 Mid-term management report, due M30, lead UCL

The activities on consortium management in Task 5.1 comprise the implementation of the Project Management Plan (D5.1) and monitoring of the administrative and financial aspects of the project, ensuring timely and complete fulfilment of the Grant Agreement conditions on the project implementation, liaising tightly with the tasks on the technical knowledge management (Task 4.2) and ethical, security and legal boundaries identified in Task 4.3.

Progress September 2018 to February 2019:

- Face-to-face whole consortium meetings were held during the Joint Activity in Rome-Rieti on October 9-11, 2018, and in Vyškov, Czech Republic on February 25 - March 1, 2019, and whole consortium teleconference call was held on September 30, 2018.
- Teleconference calls of Management Board meetings have been held to review the progress in each WP, clarify current tasks and questions, to prepare the Reporting Period 1 at the end of the period of time covered by this progress report.
- Links have been further deepened with SEC 21 networks of practitioners - FIRE-IN (a joint dissemination event for both projects is now planned at Interschutz fair in June 2020), iLEAnet, NO FEAR; CBRN Cluster part a) project ENCIRCLE and part b)

project TERRIFFIC, research project PROACTIVE that is going to participate as active scenario player in three eNOTICE Joint Activities in 2020, 2021 and 2022.

Task 5.2.1 - Quality management: development of a continuous improvement methodology, incl. process and result indicators to follow up the project's performance, lead VESTA

This is covered in the current report through the overview of summary descriptions of submitted Deliverables and ongoing Tasks, as well as the presentation of the results of a yearly Quality monitoring

Task 5.2.2. Evaluation of the functioning of the web based platform, expected deliverable: D5.6 - eNOTICE evaluation report on the functioning of the information and communication platform Y2, due M22, lead FDDO.

This report will contain a more refined version of the evaluation methodology and plan for future evaluations. It will not contain an actual evaluation, as this only starts once the platform is fully operational (M24).

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Task 5.2.3. Evaluation of the methodology and templates for the preparation, organisation, evaluation and follow up of exercises combined with tests, validations and demonstrations, expected deliverable: D5.10 - eNOTICE evaluation report on the preparation, organisation, evaluation and follow up of exercises combined with tests, validations or demonstrations - Report 1, due M36, lead UNITOV

Task 5.2.3 is dedicated to the continuous evaluation of the methodology and templates, elaborated in Task 4.1 to be used for the preparation, organization, evaluation, and follow up of exercises, combined with tests, validations or demonstration.

Progress May to August 2018: Until the release of this report, the first four JAs have been performed. As mentioned in the previous progress report, the first version of the eNOTICE methodology and templates were presented only 2 days before the second JA, that was organized at Nimes (30 January – 2 February 2018). This is the first reason why, currently, for each JAs organized we have a different level of implementation of the methodology and templates developed. The second reason concerns the fact that most often the training centres already have procedures for organizing the exercises, for

example in the case of military centres, NATO procedures are often followed. For both the first two JAs, the templates have been partially used for the preparation (information sheet, debriefing forms etc.) and fully used as format for the reporting (See D4.3). Similarly to what happened for the JA in Brussels (18-20 June 2018) during the fourth JA in Rieti (9-11 October) the templates have been used for the preparation of as well as for the debriefing. An evaluation of the use of the templates during this exercise will be included in the Third report on the JAs (D4.4, August 2019). Thus, it will be possible to compare this evaluation with the complete feedback on the eNOTICE templates, provided by UCL, organizer of the JA in Brussels (D4.3)

This second evaluation will allow verifying if the first evaluation of the material developed, that has been rather positive, will be confirmed or not.

However, the effectiveness of the proposed templates will be monitored in task 5.2.3, as the project's JA are performed (and corrective measures will be proposed), to ensure that the CBRN TC already in the network (and that usually are confident with their own, well established, templates) understand the benefit of using the eNOTICE templates for a Joint activity and any other exercise or demo, combined with testing.

Task 5.2.4 - Evaluation of the quality label, web based search function and recommendations for certification, expected deliverable: D5.19 eNOTICE evaluation report on the CBRN TC capacity label and web-based search function and recommendations for certification – due M58, lead UNITOV

Task 5.2.4 is dedicated to the evaluation of the capacity label, developed in Task 2.2 and the corresponding search function at the web platform. The capacity label is intended to facilitate the search of users in finding a suitable CBRN training centre, in terms of location, capabilities/expertise and facilities/infrastructure.

Input collected through the analysis of the eNOTICE platform data, on the use of the search function, will be integrated with the information collected with the user's satisfaction surveys, that will at regular times clearly indicate if the intended objectives are met. Whenever needed corrective actions will be implemented. Minimum standard requirements will be evaluated and proposed, in order to prepare recommendations for certification. Although, as stated in D2.2 the potential benefits the eNOTICE project could expect from a "real" quality label that might be make it happen outside provided in the future by means of certification are clear, however, the commitment and costs

necessary to develop it have led to the decision to the eNOTICE project. As part of this task, the Task 2.1.2 catalogue of TC capacities (input for the capacity label) will be yearly updated.

- **Task 5.3 Security, legal and ethical aspects, lead UMU**

No distinct deliverable, security, legal and ethical aspects are continuously monitored and the current status is included in the semestrial Progress reports (see below, Chapter 2.6)

2.4 Milestones

There were no milestones in this reporting period.

MS2, due M12 consisted of three results: 1) TC Capacity label, 2) Network Framework and Sustainability Plan, 3) basic public version webbased platform.

Only the third result was delivered in time.

The Capacity label – D2.2 was delivered M16; the Network Framework and Sustainability Plan – D2.5 was delivered M17. The reasons for the delays are explained above.

2.5 Overview of the results in the three lines of actions

The following results were obtained in the mandatory Lines of actions:

- | | |
|--|--|
| Roster of capabilities and facilities | <ul style="list-style-type: none">- Continuous updated of the roster which is the list of possible EU CBRN Training Centres- Update of the Questionnaire for the CBRN Training Centres to become an eNOTICE member, with i.a. questions of interest for DG Devco- Further establishment of the catalogue in a database with 40 registered members (+ 7 since the last report)- Finalisation of the Quality label, renamed Capacity label and the corresponding search function on the webbased platform |
| Opportunities to share expertise | <ul style="list-style-type: none">- Organisation of Joint Activities, between eNOTICE partners and other ongoing EU projects: Rieti (IT), October 2018; Vyskov (CZ), February 2019.- Invitation of national and EU experts to eNOTICE Joint Activities- Participation of eNOTICE partners in national and EU activities, meetings, conferences |
| Plan to pool resources | <ul style="list-style-type: none">- Information on the cost of organising Joint Activities (exercises combined with test) has been collected for the past JA and will be used in a structured way to elaborate recommendations to pool resources in Task 4.4. which starts in M17 |

2.6 Monitoring results on security, legal and ethical aspects

During the Joint Activities (JA) security, legal and ethical aspects have been handled according to the project plan. Each participant, whether from the project participants or from external organisations, have to certify that they are aware of security issues in connection with the JA. Each participant are also informed of the ethical issues connected to the JA and have to sign a declaration of agreement if they want to participate. Each partner that is organising the JA make sure that this work is carried out. In task 5.3 the fact that the work is carried out in agreement with the plan is monitored.

The GDPR entered into effect from 25 May 2018. The project has considered the effects that it will have on the data that is used and how it is managed. In the subtask a policy on how to handle personal data and how to store or ask for data has been developed. In principle the idea is that everyone involved have to agree on sharing their data if and when the project needs to store or manage data that can be considered as affected by the GDPR.

GDPR compliance has been ensured for the dissemination of the eNOTICE Newsletter.

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A more comprehensive approach to legal, ethical and security issues is being prepared.

3. Quality monitoring results

3.1 Follow up of the first Quality monitoring survey

Following the first survey, a telco discussion was organized to discuss the survey results, how to interpret them and the need for corrective actions.

After the discussion, some questions have been rephrased to ensure a uniform understanding of their meaning. Actions to put some pressure on Task 4.3 leader on Security, legal aspects and ethics to start this task and to provide the partners with a PoA were discussed. The project coordinator will follow up on this.

As such, even without the need for many corrective actions, the follow up telco discussion was useful as it confirmed that the survey was appreciated and considered as a useful instrument, giving partners the opportunity to reflect on ongoing tasks, expectations and results. The follow up discussions during the telco provided the opportunity to discuss the quality, relevance and output of ongoing activities, such as the Roster, the Joint Activities and relations with other partners and networks.

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The second survey differs from the first one so much as new questions were added for ongoing tasks that started after the first survey. The whole list of questions is shown in the presentation of the results in the following paragraphs.

3.2 Results of the second Quality monitoring survey

In this section the questions, the corresponding scores and free comments are presented.

Eleven partners participated in the second survey.

Scores should be interpreted as follow:

- >4 is a positive result ;
- The score in the second column indicates if partners are aligned or not (e.g. if one partners indicates strongly disagree and one other strongly agrees, the result is an average, but the deviation score will be high, indicating strong differences between the partners' opinion) ;

- The lower the deviation score (Δ), the more the partners are aligned/share the same opinion. A deviation score >1 is considered as an indication to take this seriously.
- For each criterion, the additional feedback and suggestions in answer to the open questions are listed.

Both the results of the first (M6) and the second survey (M18) are presented, which gives the opportunity to see how the appreciation of the partners has evolved during the first 1,5 year of the project.

Indicators related to Leadership, Strategy, People, Partnerships & Resources

Question	M6		M18	
	score	Δ	score	Δ
1- Do coordinators, WP and task leaders support partners and take into consideration their feedback?	5,73	0,45	5,31	0,61
2- Do coordinators, WP and task leaders take up an active/proactive role in the project?	5,82	0,39	5,08	0,73
3- Do coordinators, WP and task leaders inspire partners and stakeholders?	5,36	0,48	5,08	0,83

Comments on Leadership:

The following free comments were given in the survey:

- WP leaders need to better divide the work between the partners;
- There is a need to better reach out to partners explaining what specific input from which partner is expected.

Observation on the survey results: scores are slightly lower than the previous survey and deviations are on the rise, this is something to pay attention to.

Strategy

4- eNOTICE objectives are clear to all partners?	5,36	0,48	5,23	0,58
5- eNOTICE objectives are (still) relevant/up to date?	5,55	0,78	5,38	0,62
6- Do we need to adjust eNOTICE objectives (focus) to take into account current, societal evolutions?	2,91	1,62		



7- eNOTICE objectives (and focus) match account current, societal evolutions? (so far no need for adjustments)			5,46	0,50
8 -Are the requirements from the stakeholders clear and sustainable for eNOTICE?	4,64	0,48	5,15	0,86

Comments on Strategy:

The following free comments were given in the survey:

- Mostly the objectives are clear, sometimes the procedures and rules for preparation of JAs by hosting partners have to be reminded. Rather a comment than a suggestion – all objectives remain valid, relevant and up-to-date. eNOTICE has to be flexible, as it is impossible to stay rigid for 5 years), and be open to some stakeholders’ requirements, initiatives, opportunities that were not initially foreseen in the DoA, e.g. civil-military cooperation which is in high demand by DG HOME and where eNOTICE is very well placed playing an important strategic role;
- How to become sustainable and with which kind or organisational structure is a crucial point which should be discussed;
- eNOTICE objectives seem to be clear, sometimes the entire complex of instruments to reach them seems to be not so clear for partners.

Observation on the survey results: all scores are still high and deviations rather low, which shows alignment. Question 6 was replaced by question 7 because of the high deviation last survey. The rephrasing was a result of the follow up discussions.

People

9- All expertise required to achieve the eNOTICE objectives is available within the consortium?	5,45	0,89	5,23	0,70
10- Partners are (still) dedicated and motivated to contribute because they see potential for win-win in the project’s activities?	5,36	0,48	5,00	0,88
11- Partners actively participate in telcos, documents revision, dissemination activities, Joint Activities....	5,18	0,57	5,00	1,11



Comments on People:

The following free comments were given in the survey:

- As it was discovered in Rieti, consortium training centres expect more benefit from JAs so that clearly see the added value, because just observation of an exercise hosted by another training centre appears not interesting enough. One of ideas was to play the scenario and the team of one TC in the setting of another one – so that procedures can be efficiently compared;
- Giving the possibility to the CBRNe private companies to propose the use of their products in the future JAs for comparative analysis with the current equipment adopted by the personnel of the involve TCs. This could happen initially through personal contact of the eNOTICE network members, but in the future the eNOTICE web-platform could be used to collect private company availability;
- Not well balanced participation of the partners, not all are (pro)active.

Observation on the survey results: overall high scores but also a high deviation score for the last criterion (which corresponds to the last comment given in the survey). This is something that needs extra attention.

Partnerships & Resources

12 - All required expertise is available in the consortium – there is no need for additional expertise through partnerships?	4,91	0,79	4,85	0,86
13 - Support and reinforcement through partnerships could reinforce eNOTICE?	5,20	0,75	5,23	0,58
14 - Budget allocation fits the distribution of tasks?	4,36	0,77	5,15	0,66
15 - Cost-efficiency is optimised through partnerships?	4,64	0,98	4,85	1,03
16 - The ratio MM/spent efforts is so far according to plan?	4,73	0,96	4,85	0,77

17 - The ratio budget/costs is so far according to plan?

4,82 0,39 5,00 0,68

Comments on Partnerships & Resources:

The following free comments were given in the survey:

- Partnerships are always welcome with other network projects and initiatives where CBRN TCs are involved directly or indirectly;
- The ratio MM/spent efforts risk to be not sustainable if the partners reduce their involvement and participation to the development of activities;
- No cost-efficiency optimised through partnerships yet.

Observation on the survey results: overall high scores but also a high deviation score for the question on cost-efficiency (which corresponds to the last comment given in the survey).

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Criteria related to the T2.1.1. Roster

18 - Plan of Action for T2.1.1. was clear (expectations, methodology, distribution of tasks, timing & planning)

5,27 0,75 5,17 0,55

19 - TC are willing to fill in the questionnaire

3,45 0,99 4,00 0,82

20 - TC are willing to share information on the public website

3,70 1,00 4,25 0,83

21 - The wish for confidentiality is not an obstacle to the visibility of the roster, no additional actions are needed?

4,20 1,08 4,36 **1,07**

22 - Roles and expected contributions were clear for all the partners?

5,00 0,41

23 - Participation of all partners was possible/realistic/feasible?

5,00 0,58



24 - Qualitative information to establish the roster was available (through open source, networking, ...)?			5,18	0,57
25 - Communication flows between the partners during the task were efficient (sufficient information, too much or too little information, telco's, meetings, workshops, ...)?			5,00	0,71
26 - Once finished: allocated MM were sufficient for the work done?	4,13	0,78	4,64	0,98
27 - Deliverable was submitted timely (if not, reasons why?)			4,78	0,92

Comments on the Roster:

Lessons learnt from the T2.1.1 process?

- This is a slow process, some TC need to wait long for approval of hierarchy ;
- I needed clear timelines and tasking ;
- Any interaction with the outside of the partner consortium takes a long time, this must be taken into account. the experiments conducted can help not to underestimate the time needed for these interactions ;
- Some TCs were reluctant to disclose sensitive (or too much detailed) information.

Observation on the survey results: overall high scores but also high deviations on the confidentiality of the information provided by the CBRN TCs, allocation of resources, time management.

(Reasons for the delay in this Task are explained in Chapter 2)

Criteria related to the T2.1.2 Label

28 - Plan of Action for T2.1.2. was clear (expectations, methodology, distribution of tasks, timing & planning)?			4,70	0,78
29 - Roles and expected contributions were clear for all the partners?			4,60	1,02



30 - Participation of all partners was possible/realistic/feasible?	4,50	0,92
31 - Qualitative information to elaborate the label was available (through open source, networking, ...)?	4,60	0,80
32 - Communication flows between the partners during the task were efficient (sufficient information, too much or too little information, telco's, meetings, workshops, ...)?	4,30	1,19
33 - Budget/Allocated MM were sufficient for the work done?	4,89	0,57
34 - Deliverable was submitted timely (if not, reasons why?)	3,67	1,63

Comments on the Label:

Lessons learnt from the T2.1.2 process?

- Budget/Allocated MM were sufficient for the work done - extended deadlines and delays of submission do not require extra MM;
- TC linked to operational units are strongly dependant upon operational constraints & activities;
- Project meetings were used to discuss the label, whereas there should have been more activity in between project meetings, not all feedback of the partners was visible in the final deliverable without communication why;
- For now the label is described with the information available for the moment. It can be improved throughout the project depending on new aspects to be taken into account.

Observation on the survey results: overall high scores but also high deviations on the roles and expected contributions, on communication during the task and, time management.

(Reasons for the delay in this Task are explained in Chapter 2)

Criteria related to the T2.2 Mapping needs & gaps

34 - Plan of Action for T2.2. was clear (expectations, methodology, distribution of tasks, timing & planning)	5,10	0,70	5,18	0,57
35 - Roles and expected contributions were clear for all the partners?			4,91	1,08
36 - Participation of all partners was possible/realistic/feasible?			5,09	0,67
37 - Qualitative information to make the mapping was available (through open source, networking, surveys, interviews...)?			5,18	0,57
38 - Communication flows between the partners during the task were efficient (sufficient information, too much or too little information, telco's, meetings, workshops, ...)?			4,73	1,21
39 - Budget/Allocated MM were sufficient for the work done?	4,75	0,66	5,09	0,67
40 - Deliverable was submitted timely (if not, reasons why?)			5,27	0,62

Comments on Mapping Needs & Gaps

Lessons learnt from the T2.2 process?

- Communication flows between the partners during the task could have been more, but had to hurry to the submission deadline ;
- Partners could/should have been more involved in several feedback loops.

Observation on the survey results: overall high scores but also high deviations on the roles and expected contributions and on communication during the task

Criteria related to T2.3 – KPI's

41 - Plan of Action for T2.3. was clear (expectations, methodology, distribution of tasks, timing & planning)	5,11	0,57
42 - Roles and expected contributions were clear for all the partners?	4,89	0,87
43 - Participation of all partners was possible/realistic/feasible?	5,00	0,67
44 - Qualitative information to identify the KPI's was available (through literature, open source, networking, surveys, interviews...)	5,00	0,67
45 - Qualitative information on other networks – for the KPI-based description - was available (through publications, open source, networking, surveys, interviews...)	4,78	0,79
46 - Communication flows between the partners during the task were efficient (sufficient information, too much or too little information, telco's, meetings, workshops, ...??)	5,11	0,57
47 - Budget/Allocated MM were sufficient for the work done?	5,00	0,67
48 - Deliverable was submitted timely (if not, reasons why?)	4,78	0,92

Comments on KPI's

Lessons learnt from the T2.3 process?

- Submitted with one month delay due to the necessity for more detailed analysis and processing of results;
- The KPIs deliverable was based on a well developed detailed methodology elaborated by the deliverable leader (VESTA), and in my opinion some partners were not sufficiently familiar with the methodology, and thus lacked understanding of their expected role on what networks to approach, in what way to collect information on them;
- Low participation of the contributing partners.



Observation on the survey results: high scores, normal deviations.

Criteria related to T2.4 – Sustainable framework

49 - Plan of Action for T2.4. was clear (expectations, methodology, distribution of tasks, timing & planning)	4,73	0,62
50 - Roles and expected contributions were clear for all the partners?	4,55	0,89
51 - Participation of all partners was possible/realistic/feasible?	4,73	0,75
52 - Qualitative information to identify relevant sources on sustainability was available (through literature, open source, networking, surveys, interviews...)	4,73	0,62
53 - Qualitative information as input for the eNOTICE sustainable vision/strategy was available (through publications (incl. other eNOTICE Tasks and Deliverables, open source, networking, surveys, interviews...)	4,82	0,57
54 - Communication flows between the partners during the task were efficient (sufficient information, too much or too little information, telco's, meetings, workshops, ...)?	4,55	0,89
55 - Deliverable will be submitted timely (if not, reasons why?)	3,90	1,58

Comments on the Sustainability Framework

Reason why this Deliverable was not submitted timely?

- The deliverable preparation required much more time than expected
- Both D2.2 and D2.5 required more time than originally foreseen in the DoA, the difficulty and the work load were underestimated in the project preparation



Lessons learnt from the T2.4 process?

- Partners should have been more involved from the start to elaborate a shared vision and methodological approach;
- Involve all task partners earlier in the process;
- The activity linked to the assessment of the sustainability of the network, according to the work plan, should have been concluded with the end of task 2.4 and the drafting of a sustainability plan. This would have penalized the effectiveness of the plan which must be able to be improved over time through the experiences and knowledge acquired through the project.

Observation on the survey results: overall high scores except for the timely submission which also gives a very high deviation score.

Criteria related to T3.1 Dissemination activities

(Once finished: allocated MM were sufficient for the work done?)	4,88	0,78		
38 56 - Plan of Action for T3.1. was clear (expectations, methodology, distribution of tasks, timing & planning)	5,09	0,67	5,15	0,53
57 - Roles and expected contributions are clear for all the partners?			5,15	0,53
58 - Participation of all partners is possible/realistic/feasible?			5,23	0,58
59 - All partners are actively involved in dissemination activities?			4,92	0,83
60 - All partners take initiatives for new dissemination activities?			5,00	0,78
61 - Diversity of dissemination activities matches the expected outcome (newsletters, publications, participation in events, ...)?			5,15	0,53
62 - Communication flows between the partners during the task are efficient (sufficient information, too much or too little information, telco's, meetings, workshops, ...??)			4,77	1,19
63 - Progress according to plan?			5,08	0,62

Comments on Dissemination activities

Lessons learnt from the T3.1 process so far:

- dissemination is going well, partners are active, even extra activities such as newsletter preparation were well implemented by all.

Observation on the survey results: overall high scores except for the internal communication which gives a high deviation score

Criteria related to T3.2 Web based platform and maintenance 3.3

(Once finished: allocated MM were sufficient for the work done?)	4,86	0,64		
64 - Plan of Action for T3.2. was clear (expectations, methodology, distribution of tasks, timing & planning)	5,36	0,77	5,31	0,46
65 - Roles and expected contributions are clear for all the partners?			5,23	0,58
66 - Participation of all partners is possible/realistic/feasible?			5,31	0,46
67 - All partners are actively involved?			5,15	0,66
68 - Progress according to plan?			5,38	0,49

Comments on the webbased platform and maintenance

Lessons learnt from the T3.2, 3.3 process so far?

No comments

Observation on the survey results: overall high scores and low deviations, indicating high satisfaction of all partners.

Criteria related to T4.2 Joint Activities

Information on the Joint Activity was sufficiently elaborated?	4,73	0,96		
(Once finished: allocated MM were sufficient for the work done?)	4,71	0,88		
Criteria related to T4.2 Joint Activities: Plan of Action for T4.2. was clear (expectations, methodology, distribution of tasks, timing & planning)	5,09	0,79	5,08	0,62
69 - Information on the UCL Joint Activity was sufficiently elaborated?			5,33	0,47
70 - Information on the UNITOV Joint Activity was sufficiently elaborated?			5,38	0,49
71 - The UCL JA was considered interesting?			5,25	0,60
72 - The UNITOV JA was considered interesting?			5,25	0,60
73 - Useful feedback was collected from the UCL JA?			4,92	1,11
74 - Useful feedback was collected from the UNITOV JA?			5,08	0,76

Comments on the Joint Activities

Lessons learnt from the T4.2 process so far?

- From UCL perspective lots of useful feedback was collected. I hope it is the case for other partners as well;
- A suggestion was to focus more on the aspects interesting for training centres such as comparing procedures and practices. E.g. playing a scenario of a TC at the premises and with the team of another TC.

Observation on the survey results: high scores and low deviations, indicating high satisfaction of all partners



Criteria related to T5.1. Consortium mgt

75 - Administrative requirements are clear 5,36 0,77 5,23 0,42

Comments on Consortium mgt

Lessons learnt from the T5.1 process so far?

- RP1 will show the lessons learnt. For now, from my point of view, things are going well, all questions are being resolved with each partner bilaterally.

Observation on the survey results: high score and low deviation, indicating high satisfaction

Criteria related to T5.2. Technical mgt

76 - The monitoring methodology is considered useful 5,00 0,77 5,00 0,58

77 - The monitoring methodology is clear (purpose, how, use of the results) 4,80 1,08 5,08 0,47

78 - For WP leaders: Plan of Action for T5.2.1. was clear (expectations, methodology, distribution of tasks, timing & planning) 5,50 0,50 5,50 0,50

Comments on Technical mgt mgt

Lessons learnt from the T5.2 process so far?

- Maybe too complex.

Observation on the survey results: high scores and low deviations, indicating high satisfaction.

Criteria related to T5.3. Security, legal, ethics

79 - Plan of Action for T5.3. was clear (expectations, methodology, distribution of tasks, timing & planning)	4,50	1,36	3,75	1,79
80 - Roles and expected contributions are clear for all the partners?			4,00	1,73
81 - Participation of all partners is possible/realistic/feasible?			4,00	1,73
82 - All partners are actively involved?			3,67	1,75
83 - Progress according to plan?			3,67	1,89

Comments on Security, legal, ethics

Lessons learnt from the T5.3 process so far?

- No action seen yet;
- 0 progress, 0 activity so far;
- Of course the replies on this task are controversial. UMU as the task leader failed to launch the task and to present the Action Plan completely. On the other hand, other partners all together pretty successfully do this task - ethical issues have been discussed extensively, including Informed Consent Form used at JAs, GDPR issues workingly resolved. Legal issues did not arise so far. Security issues are being monitored by the project security board.

Observation on the survey results: low scores and very high deviations, confirming the dissatisfaction of this Task due to an underperforming task leader. The problem is well known within the consortium and steps have been taken to resolve this.

Criteria related to internal communication

84 - Communications by mail (to all, within tasks, within WP's) are considered efficient: no overload of communications, no confusing communications, ...	4,64	1,07	5,15	0,77
85 - Number of meetings and telco's are considered sufficient to ensure a team spirit in the consortium	5,00	0,85	5,15	0,77
86 - Work plans at WP and task level are considered useful, sufficient, detailed enough, a useful reminder during the duration of the task, a good instrument to clearly divide the workload, ...	5,09	0,51	5,15	0,77

Comments on Internal Communication

Suggestions related to internal communication?

- As an end user, not a project manager, sometimes the project is too complex;
- It would be useful to establish monthly telcos.

Observation on the survey results: high scores and low deviations which shows global satisfaction.

Criteria related to time mgt

87 - Time plans are respected/followed	4,82	0,83	4,38	1,33
88 - Time plans are flexible enough to take into account difficulties	4,64	0,98	5,15	0,66
89 - for WP leaders: deadlines for submission of Deliverables are respected	6,00	0,00	3,33	0,94
90 - for WP leaders: Milestones are respected	6,00	0,00	4,67	0,47

Comments on Time mgt

Suggestions related to time mgt? No suggestions.

Observation on the survey results: high scores except for the timely submission of deliverables.

Criteria related to internal information flows

91 - Sharepoint works in a satisfying way to share documents?	4,82	0,83	4,85	1,03
92 - Sharing of information between tasks/ links between tasks is sufficiently and proactively taken into account?	4,91	0,67	5,31	0,61

Comments on internal information flows

Suggestions related to time mgt? No suggestions.

Observation on the survey results: high scores and low deviations except for the satisfaction about share point.

Criteria related to content development

93 - Needed information is available?	5,36	0,48	5,08	0,73
94 - Needed information is accessible?	5,36	0,48	5,08	0,73
95 - Quality of the available information is ok?			5,15	0,53

Comments on Content development

Suggestions related to content development? No suggestions.

Observation on the survey results: high scores and low deviations which shows global satisfaction.



Criteria related to Cost – efficiency

96 - Are the resources correctly estimated for the required efforts (MM, budget) 4,60 0,66 4,92 0,64

Comments on Content development

Suggestions related to cost efficiency?

- Given that some tasks/deliverables required more time than expected, costs could be higher. However, re-distribution of costs from future tasks would not solve the problem, as this future work must be done as well, and we cannot exceed the total available budget.

Observation on the survey results: high score and low deviation which shows global satisfaction.

Criteria related to People/Partners

97 - Partners have gained from the project/network 5,00 0,43 5,00 0,55

98 - Partners (still) see the win-win 5,09 0,29 4,92 0,62

99 - Partners' benefits match the initial expectations 5,00 0,43 4,85 0,77

100 - Partners' benefits exceed the initial expectations 3,73 1,05 4,15 0,86

101 - Partners are satisfied on the progress so far 5,09 0,51 4,85 0,66

Comments on People/Partners (as a result indicator)

Suggestions related to People/Partners?

- Difficult to keep all partners focussed on the objectives of this project and not on 'all the useful things that can be done' (such as conference presentations during a JA, such as standardisations, own developments, ...).

Observation on the survey results: relatively high scores and low deviations which shows global satisfaction.

3.3. Interpretation of the survey results

Interpretation of the results, both the scores, deviations and the comments, will be done as a follow up activity: a discussion is part the agenda of the project meetings during the JA in Vyskov (CZ), in order to identify corrective actions and to define an implementation plan (if relevant). In order to facilitate that discussion, the main points are summarised in the SWOT analysis as internal strengths and weaknesses.

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4. eNOTICE SWOT analysis

To put the collected information in perspective, a SWOT analysis is made, providing for a summary overview of internal strengths and weaknesses and external opportunities and threats. This overview will help the project partners in the near future to focus on the positive elements and work on the less satisfying aspects.



SWOT	HELPFUL To achieve the objectives	HARMFUL To achieve the objectives
Internal	STRENGTHS project characteristics enabling the achievement of the objectives	WEAKNESSES characteristics enabling the achievement of the objectives that are lacking, insufficient or suboptimally used in the project
	<ul style="list-style-type: none"> - Motivation of all the consortium partners - Expertise and experience of the consortium partners - Diversity of the available expertise within the consortium - Diversity of stakeholder profiles within the consortium - The preparation of the webbased platform is highly appreciated - Efforts for the Roster/Catalogue, webbased platform and Capacity label will increase the visibility of and access to EU CBRN TC - The foundations elaborated for a sustainable eNOTICE framework will allow to gradually build a mature and (self)sustainable network - the JA's are considered interesting and successful by both internal and external participants - Internal communication ensures qualitative results (perceived by some partners, see also as a weakness for others) 	<ul style="list-style-type: none"> - Project/administrative requirements are perceived as too complex by some partners - Roles and expectations at Task level are not always clear to all partners/need to be better explained and reminded - Internal communication not always sufficient (as perceived by some partners, see also a strength for others) - Operational constraints are a specific challenge for partners with a practitioners profile - cost-efficiency should be continuously and closely monitored - Active participation of all partners is not always well balanced - More support is needed for some partners with less experience in EU projects - Communication flows between Task partners can be improved - Partners/TCs need to see clear benefit from the JAs to stay motivated



	OPPORTUNITIES external factors that could support or could be exploited to advantage	THREATS – external factors that could delay, hamper or obstruct the achievement of the project’s objectives
External	<ul style="list-style-type: none"> - Motivation from EU CBNR TCs to join the network (expecting visibility at EU level, possibility to exchange good practices, access to EU funding, access to various types of stakeholders, etc.) - Societal climate, awareness and policy support for CBRN preparedness and civil-military cooperation due to public security perceived as a threat (as shown by the DG DEVCO collaboration) - Structural collaboration with similar (SEC21) networks within the CoU - Strong interest from other research projects for the eNOTICE Joint Activities when explained to them - Positive feedback and strong interest from research projects participating in Joint Activities as observer - Opening up/enlarging the CBRN TC network to private CBRN TCs might create opportunities - Other projects/networks aiming at the CBRN TC as target group offer opportunities for mutually strengthening partnerships (see also a threat) 	<ul style="list-style-type: none"> - Lack of interest due to lack of experience of practitioners and training centres in EU projects - Lack of capacity of CBRN Training Centres, struggling with their core business, leaving them no margin to explore new possibilities in EU (research) projects - Lack of capacity for CBRN Training Centres to provide training in English - Language barrier in general, e.g. for practitioners/first responders who participate in field exercises/Joint Activities - Barriers and obstacles (national regulations, internal policy, mentality) to share information considered as confidential or classified - Other projects/networks aiming at the CBRN TCs as target group (see also as opportunity) might discourage CBRN TC to join any project/network if solicited too often

Figure 2 eNOTICE SWOT analysis 2019



Input for the SWOT analysis comes from the Quality survey results for the internal SW; from D2.3 on Needs and Gaps and the feedback collected at the Joint Activities for the external OT.



5. Conclusions and follow up actions

The report shows that the foundations to build a European network of CBRN Training Centres are gradually established:

- relevant TCs, as possible members of the network have been identified and contacted, 40 TCs have confirmed their interest; (+7 since the last report) ;
- the web-based platform is online and further developed step by step with more information and more functions ;
- the eNOTICE project is becoming well known in the community of CBRN research projects, national experts and competent authorities, thanks to active participation of the partners in other projects, activities and conferences;
- links to other relevant initiatives have been established, such as with DG DEVCO, TOXI-Triage, ENCIRCLE, the CoU Practitioners's workshops ;
- the foundations for a sustainable approach and plan have been elaborated and will be continuously updated to ensure a mature network by the end of the project.

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The yearly Quality monitoring revealed internal strengths and weaknesses that will be taken as opportunities to improve the current processes. These results are put into perspective in a SWOT analysis, completed with information on external factors, collected from the Deliverable on needs and gaps and the feedback from Joint Activities. These external aspects will also be discussed and actions planned to strengthen the CBRN TC' network.