

# eNOTICE European Network Of CBRN TraIning Centres

# **D3.17 - Links to other CBRN networks and platforms,** integration and interface functions on the eNOTICE information and communication platform. Report 3

Authors: Maximilian Kiehl<sup>1</sup>, Olga Vybornova<sup>2</sup>

Internal Reviewers: Maaike van de Vorst<sup>3</sup>, Francis Comas<sup>4</sup>, Elizabeth Benson<sup>5</sup>

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<sup>&</sup>lt;sup>1</sup> SIC

<sup>&</sup>lt;sup>2</sup> UCL

<sup>&</sup>lt;sup>3</sup> VESTA

<sup>&</sup>lt;sup>4</sup> SDIS77

<sup>&</sup>lt;sup>5</sup> WMP

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## **Executive Summary**

This document is the Deliverable 3.17 – "Links to other CBRN networks and platforms, integration and interface functions on the eNOTICE information and communication platform Report 2" and builds on the results of Report 1 (D3.15), published in June 2019 and Report 2 (D3.16) published in June 2020.

This deliverable presents a methodology for monitoring similar projects and identifying potential synergies. This is followed by a description of the collaborations already initiated with other projects and initiatives and a description of a newly developed related projects page.

An update on further collaborations and interfaces will be provided in the follow-up to this deliverable, D3.18 in June 2022.

## Abbreviations

CBRN	Chemical, Biological, Radioactive and Nuclear	
CoU	Community of Users	
D	Deliverable	
DG	Directorate-General	
ECC	eNOTICE Community Center	
EU	European Union	
EU CBRN CoE	European Union CBRN Centres of Excellence	
GDPR	General Data Protection Regulation	
RN	Radiological and Nuclear	
R&D	Research & Development	
ТС	Training Center	
VR	Virtual Reality	
WP	Work Package	

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# 1 Introduction

This section will present a short overview of the context of this deliverable, the objectives it wants to achieve, its relationship to other tasks and the approach used.

### 1.1 Context

The eNOTICE web-based information and communication platform, which is called "eNOTICE Community Center" (ECC), is an essential tool for the eNOTICE community. It enables the community to increase the visibility of individual training professionals, practitioners involved in CBRN training, and Training Centers (TCs) with their facilities and capabilities, and allows users to communicate and share information, using only a web browser.

This deliverable is the third deliverable of Task 3.4 on the integration of platforms and interfaces.

### 1.2 Motivation and Objective

As eNOTICE is by design a networking project, linking to other projects and initiatives is critically important. Therefore, this deliverable will identify potential technical and organizational links to other CBRN networks and platforms with the goal of creating synergies between the different networks. This will lead to less overhead due to similar networks performing duplicate work and a more structured and coherent network-landscape for individual practitioners.

#### 1.3 Relation to other tasks

1.3.1 Task 2.3 - Identification of barriers, levers, Key Performance Indicators and good practices for a CBRN network")

Task 2.3 identified "interesting websites with identical, similar or complementary goals and with identical, similar or complementary target groups". This provided a first list of related projects and websites which could be analysed and monitored.

#### 1.3.2 Task 3.3 - Further development and maintenance of the web-based platform

Task 3.3 performs the technical implementation of the interfaces presented in this deliverable and monitors their usage.

#### 1.3.3 Task 4.3 - Identification of opportunities to strengthen policies and recommendations for R&D

While Task 4.3 is not directly related to this task, many of the collaborations presented here originate from work done in the context of Task 4.3.

#### 1.3.4 Task 5.1 - Consortium management

One part of Task 5.1 "Consortium management" is to organize contacts between eNOTICE and other CBRN networks, communities, platforms, and on-going projects. These other entities provide a pool of information which can be useful for the implementation of technical interfaces.

#### 1.4 Approach

To achieve this deliverable's objective, first a monitoring methodology to stay up-to-date on related projects and initiatives will be presented in Section 2. This will be followed by a description of the collaborations initiated in Section 3. In Section 4, a newly developed related projects page for the ECC will be described. A short summary and outlook on future work will be provided in Section 5.

## 2 Monitoring of similar projects

This section will provide an overview of the monitoring methodology established in D3.15 and the changes made to react to the COVID-19 situation, how this monitoring scheme was implemented, and which results were gathered.

### 2.1 Monitoring methodology

To identify potential chances for collaboration and integrating interfaces, the ongoing process in related projects had to be monitored. It became apparent that one person monitoring all the related projects and initiatives was not effective or efficient, as there were too many related projects and understanding the developments in each project required some degree of experience in the subject matter. Therefore, the following monitoring methodology was developed

- 1. All relevant related projects are identified
- 2. Each eNOTICE partner is assigned 2-3 related projects based on their own interests and other factors (e.g. being a partner in the other project)
- 3. A monitoring template is hosted on the ECC Cloud and can be edited collaboratively
- 4. Each eNOTICE partner periodically (typically every few months) fills out the monitoring template for their assigned projects
- 5. At Joint Activities, each eNOTICE partner presents the most interesting developments in "their" projects to the other eNOTICE partners.

This methodology allows all eNOTICE partners to stay up to date on all related projects while minimizing the effort required to do so.

#### 2.2 Implementation of the monitoring

An excerpt of the monitoring template used can be found in Table 1. This template was edited to simplify the information gathered and to identify information specific to COVID-19. This table (in the form of an Excel sheet) was hosted on the ECC Cloud for collaborative editing and filled in by the eNOTICE partners in accordance with the monitoring methodology.

Project	Project 1	Project 2
eNOTICE Partner	eNOTICE Partner A	eNOTICE Partner B
Past relevant events		
Upcoming relevant events		
Interesting or new features		

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Potentials for collaboration or synergies	
How did the project react to the COVID-19 situation? What changes (if any) were made?	

Table 1: The project monitoring template

In total, 21 projects are included in this monitoring template with most projects also being part of the related projects page on the ECC (see Section 4).

#### 2.3 Results

Although detailed monitoring results are shared within the consortium, a brief summary will be published here.

All projects which included face-to-face meetings had to move those meetings online. This does not appear to be too problematic for projects where face-to-face meetings were meetings in a traditional sense, but it could pose a problem for projects where meetings are coupled with a physical activity, such as an exercise or a trial. The first projects seem to be resuming physical meetings in June 2021.

Potentials for collaboration were identified mainly regarding the joint organization of activities (such as eNOTICE Joint Activities) and events organized in the context of the Community of European Research and Innovation for Security (CERIS).

## 3 Collaborations with other projects and initiatives

This section will provide an overview of the collaborations with other projects and initiatives currently ongoing.

## 3.1 Planned Joint Dissemination Workshop at INTERSCHUTZ 2020/2021

A joint dissemination workshop by five EU networks of practitioners eNOTICE, FIRE-IN, NO FEAR, DAREnet and MEDEA was planned for the INTERSCHUTZ 2020. However, as the INTERSCHUTZ was initially postponed to 2021 due to COVID-19 and subsequently postponed again to 2022, the Joint Dissemination Workshop was replaced by a Joint Webinar on Just-in-time training hosted in June 2020.

### 3.2 Joint Workshop on Just-in-time-training

As the INTERSCHUTZ Fair planned in Hannover, Germany in June 2020 was cancelled due to the restrictions related to COVID-19 crisis. The five networks of practitioners eNOTICE, FIRE-IN, NO FEAR, DAREnet and MEDEA decided to keep the plan on the joint event and hold it on the same planned date June 18, 2020 in the form of a webinar. The topic of the webinar was "Just-in-time-training: best practices and methodology". This topic was selected by the five networks of practitioners as being highly relevant for all, especially at the time of crisis. By just-in-time training we mean training that is generally delivered to allow for the rapid acquisition of specific skills or knowledge when the need arises. I.e. it is quick training of first responders for sudden, unexpected, unforeseen situations response, such as for instance rapid training of clinical doctors and nurses of various specialties for work with infectious diseases and corresponding procedures that they were never normally trained before - to compensate for shortage of dedicated specialists in times of crisis such as COVID-19. Of course, besides pandemics, there are many other examples, in CBRN field as well. A speaker from eNOTICE – from West Midlands Police, national CBRN training centre in the UK – spoke about recent practices of online training for first responders as a method of just-in-time training in times of crisis. Other speakers were from NO FEAR – on the subject of clinical justin-time training and procedures for COVID-19, from DAREnet about training in response to conventional threats such as floods. The webinar hosted around 150 participants practitioners from all five networks and external invitees.

## 3.3 H2020 ENCIRCLE

ENCIRCLE – European Innovation for the Market Cluster is a complementary project to eNOTICE, coordinated by the same institution UCL, and benefiting from strong links between the ENCIRCLE CBRN industrial and technological community, tools, identified R&D priorities all integrated into a dynamic catalogue of technologies, and the community of practitioners having access to the current state-of-the-art technologies, and providing feedback to the technologies developers to timely improve their solutions. Besides ENCIRCLE – CBRN Cluster part a), eNOTICE collaborates with CBRN Cluster part b) projects, such as TERRIFFIC that was invited to demonstrate and test their technology at an early stage of development at the eNOTICE Joint Activity in Gurcy on May 22-23, 2019.

ENCIRCLE ends in September 2021, and its major result – the Dynamic Catalogue of CBRN technologies will be hosted by eNOTICE. The Catalogue comprises 279 tools from 141 registered organisations in the Technological and Industrial community, and 94 organisations in the Practitioners and Customers community.

#### 3.4 H2020 PROACTIVE

The H2020 project PROACTIVE - PReparedness against CBRNE threats through cOmmon Approaches between security praCTItioners and the VuleranblE civil society is a strategic collaboration project for eNOTICE. WMP is a partner in both projects. PROACTIVE is the project that will hold all of its three demonstrations with eNOTICE partner training centres. Due to the COVID-19 restrictions, the Joint Activities with PROACTIVE participation were postponed, and are currently planned to be held in Dortmund, Germany in April 2022, in Rieti, Italy in October 2022, and the last and final one – together with the eNOTICE Final Joint Activity in Campus Vesta in May 2023 (should eNOTICE and PROACTIVE project be extended till that date, otherwise re-scheduling is possible).

## 3.5 H2020 INCLUDING

INCLUDING and eNOTICE continue to share a common questionnaire for contacting TCs specialized on radiological and nuclear emergencies. This questionnaire has been slightly modified as only TCs located within the European Union are relevant for INCLUDING. A technical interface is available for INCLUDING to export data on TCs which have indicated that they would like to join the INCLUDING cluster.

## 3.6 Community of European Research and Innovation for Security (CERIS)

eNOTICE is an active participant in all DG HOME's Community of Users meetings, which are now transformed into CERIS - Community of European Research and Innovation for Security. eNOTICE was presented at the Distaster Resilient Societies – Cross-Sectorial Networking with Practitioners and Policy-Makers meeting on April 21, 2021.

In September 2021, eNOTICE will co-organize a joint dissemination workshop together three CBRN projects TRANSTUN, PROACTIVE and MELODY, the event will be organized side-by-side with the CERIS meetings in Brussels.

## 3.7 EU CBRN CoE Initiative's Regional Secretariat for South East & Eastern Europe

eNOTICE was presented to National Focal Points at European Union CBRN Centres of Excellence (EU CBRN CoE) Regional Meeting with CBRN Training Net (Phase 2) on 7 April 2021. The CBRN Training Centres from South East and Eastern Europe would like to join the eNOTICE network through the eNOTICE collaboration mechanism established with the EU CBRN Centres of Excellence initiative. At the Awareness Raising Workshop of CBRN Training Net, organized by the EU CBRN CoE on June 17, 2021, eNOTICE is invited to provide a detailed instruction and explanation on filling the comprehensive survey for training centres willing to join the network.

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#### 3.8 CBRN and VR training Webinar with SHOTPROS

The H2020 SHOTPROS project has as goal to improve performance of European police officers by developing virtual reality (VR) enhanced training. The application of VR training combined with the needs of CBRN training centres led to the main subject of this webinar. The webinar examined how VR can be used to train for CBRN incidents. This was done by examining the requirements needed for CBRN VR training, possible gaps in real life CBRN training, how VR could possibly fill those gaps, and how VR is currently being used for CBRN training. This webinar served as a dissemination opportunity for both projects, as well as giving the audience a chance to familiarize themselves with either the SHOTPROS or the eNOTICE project and their results. In total, there were 74 attendees, including the speakers.

#### 3.9 Joint participation in Webinars

eNOTICE participated in various online workshops and webinars of other collaborative projects – PROACTIVE, Stair4Security, ENCIRCLE, Bullseye, MELODY, TRANSTUN. The following webinars, workshops and exercises were either attended by or conducted with active involvement of eNOTICE members representing the eNOTICE project.

- UNITOV provided online lectures on eNOTICE project, for the I and II level International CBRNe Master courses. Wednesday 28th of October 2020 a representative of the University of Rome Tor Vergata participated to the "PROACTIVE Mid-term conference" on behalf of the eNOTICE project, in a session dedicated to "Preliminary results which can be exploited in relation to the Covid-19 pandemic";
- TRANSTUN project Mid-term webinar on "Risk Assessment of Chemical Threats to EU Cross-Border Tunnels", October 29, 2020
- 2nd Scientific International Conference on CBRNe SICC Series Conference, December 10, 2020
- eNOTICE presentation, scientific seminar Risques & Cybersécurité en Ingénierie de la Santé, January 26, 2021 - eNOTICE project presentation with focus on knowledge engineering tool for biological mobile laboratory operations and interoperability with field hospital;
- discovery experimental workshop on Comprehensive CBRN Civil Military Capabilities, February 9-11, 2021 - eNOTICE presentation at an ACT lead discovery experimental workshop on civil-military cooperation that took place at the JCBRND COE on Civil-Military Cooperation;
- eNOTICE participated in PROACTIVE Practitioners Security Advisory Board webinar on CBRN SOPs, February 8, 2021
- eNOTICE coordinator participates and is presented at the CERIS event dedicated to the final event of CBRN Cluster ENCIRCLE project on May 19, 2021

- eNOTICE is invited to the joint NO FEAR and PROACTIVE webinar on Communication in crisis: Recommendations on Management, Approaches and Tools for Effective Communication, on May 20, 2021
- eNOTICE training centres are the target audience of the MELODY project online stakeholder workshop on June 14-15, 2021, presenting MELODY findings on the identified needs and expectations on CBRN training and training curriculum
- eNOTICE is invited to the CBRN field exercise of INCLUDING project in Athens, Greece, on June 22-25, 2021.

#### 3.10 Other presentations of eNOTICE

eNOTICE participated with a keynote presentation on "Just-in-time training and evolving training methodologies for first responders" at the International e-Conference CBRNE - Research & Innovation on May 18, 2021, <u>https://cbrneconference.fr/</u>

#### 3.11 Social Media

eNOTICE also links with other projects on social media (mainly Twitter) with the purpose of collaboration, cooperation and using synergies to increase the reach of each project's posts. eNOTICE currently has 317 followers on Twitter (+22% since the last report) and follows 26 other accounts, mainly of related projects. eNOTICE periodically shares relevant posts from related projects to improve the reach and vice-versa.

#### 3.12 Other

Other collaborations of eNOTICE with various initiatives, projects and conferences can be found in the periodic progress reports of WP5.

## 4 Interfaces to related projects

This section will describe how a new interface to related projects was developed.

### 4.1 Motivation

eNOTICE is embedded within a wide network of research and development projects all covering different but related aspects. Visitors of the ECC might therefore also be interested in related projects but might find it difficult to identify the projects relevant to them. This is especially true for visitors who are not familiar with the landscape of H2020 calls and projects or for visitors who only have a vague idea of the information they are looking for. Therefore, a signpost for projects which might interest visitors of the ECC, was created.

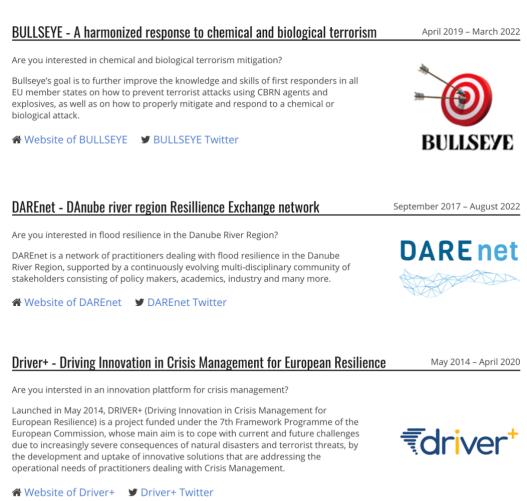
### 4.2 Development process

All eNOTICE partners were involved in the identification, information collection and reviewing of related projects. While the initial basis for this was the similar projects monitoring described in Section 2, some projects were not included in the related projects page (e.g. because they ended) and some new projects were added (e.g. because they only recently started). Information was compiled in a collaborative Excel sheet hosted on the ECC Cloud and information on 19 related projects was gathered. This information is comprised of:

- Acronym
- Full name
- Start Date
- End Date
- Link to the website
- Link to Twitter Account
- Description

Additionally, a question was formulated by eNOTICE to summarize the project's goal and to directly address the visitor of the ECC.

A partial screenshot of the new related projects page is shown in Figure 1 and the page can be found online at <u>https://www.h2020-enotice.eu/static/related-projects.html</u>. This page displays all identified projects in alphabetical order and contains all information described previously.



#### ENCIRCLE - European Cbrn Innovation for the maRket CLuster

Are you interested in a market cluster on CBRN?

To improve its resilience to new CBRN attacks and threats, the EU needs a specialized, competitive, efficient and sustainable industry. Capitalizing on its experience in the EDEN Demonstration Project, other CBRN relevant projects, and in the CBRN market and supply chain, the ENCIRCLE consortium proposes an innovative approach to reach this goal in a short to long term perspective. Once achieved it will allow SMEs and large industries to deliver and invest in the best innovations on the market.

#### ENLETS - European Network of Law Enforcement Technology Services

Are you law enforcement personell interested in networking with other practitioners?

The European Network of Law Enforcement Technology Services is an active network of Law Enforcement agencies that are sharing best practices, activates co-creation and stimulates research for law enforcement. The activities of ENLETS are supported by the European Commission and the European Agencies, such as Europol and EU-Lisa.

Figure 1: The beginning of the Related Projects page

**Website of ENLETS** 



March 2017 - September 2021

17

**eNOTICE** 

### 4.3 Follow-up

For the page to retain its usefulness, it must be constantly updated with outdated information being removed and new information added. For this purpose, the page will be periodically (i.e. every six months) reviewed in cooperation with the consortium and the information will be updated. Note that projects will not be removed automatically once they end, as their websites likely still contain relevant and interesting information.

## 5 Summary and future work

This section contains a short summary and an outlook on the work performed in the next year.

#### 5.1 Summary

After a brief introduction, the monitoring methodology developed by eNOTICE to monitor similar projects and identify opportunities for collaboration was presented. This was followed by a description of the links already established with other CBRN networks and platforms and a description of the newly developed related projects page.

#### 5.2 Future Work

The monitoring of similar projects will continue to identify new potentials for collaboration. These will then be used to find new synergies and establish new cooperation's while maintaining the existing ones. One interesting option that is currently being explored is to represent eNOTICE on the Crisis Management Innovation Network Europe (CMINE) website with the goal of promoting the activities of eNOTICE to a broader audience.