

# **eNOTICE**

## **European Network Of CBRN Training Centres**

### **D3.18 - Links to other CBRN networks and platforms, integration and interface functions on the eNOTICE information and communication platform. Report 4**

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## Executive Summary

This document is the Deliverable 3.18 – *“Links to other CBRN networks and platforms, integration and interface functions on the eNOTICE information and communication platform. Report 4”* and builds on the results of Report 1 (D3.15), published in June 2019, Report 2 (D3.16) published in June 2020 and Report 3 (D3.17) published in June 2021.

This deliverable describes the collaborations, initiated or ongoing, since Report 3 and provides an update on the content related to the networks and platforms implemented in the eNOTICE Community Center (ECC).

## 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
TC	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 visibility of individual training professionals, practitioners involved in CBRN training as well as Training Centers (TCs) and their facilities and capabilities. Additionally, it allows users to communicate and share information using only a web browser.

This deliverable is the fourth 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 describes technical and organizational links to other CBRN networks and platforms established 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 ongoing projects. These other entities provide a pool of information which can be useful for the implementation of technical interfaces.

## 1.4 Approach

Section 2 describes collaborations that have been initiated or are currently ongoing since the previous periodic report. An update on the content regarding networks and platforms implemented in the ECC is presented in Section 3. Finally, Section 4 provides a brief summary of the report's content and an outlook on future work.



## 2 Collaborations with other projects and initiatives

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

### 2.1 Joint Activities with 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. West Midlands Police Authority (WMP) is a partner in both projects. PROACTIVE conducts all three of its exercises with eNOTICE partner training centers. Two joint activities have already been conducted together in Dortmund, Germany (May 2022) and Rieti, Italy (November 2022). The final exercise will be conducted jointly with eNOTICE during its final Joint Activity at Campus Vesta in May 2023.

### 2.2 H2020 INCLUDING

INCLUDING and eNOTICE continue to share a common questionnaire for contacting TCs specialized in radiological and nuclear emergencies. A technical interface is available for INCLUDING to export data on TCs which have indicated that they would like to join the INCLUDING cluster. Since the last deliverable in this series, two more training centers have agreed to become part of the INCLUDING Federation via the eNOTICE questionnaire.

### 2.3 Symposium at the Community of European Research and Innovation for Security

The EU projects TRANSTUN, eNOTICE and MELODY organized a joint symposium during a Community for European Research and Innovation for Security (CERIS) meeting from the 29<sup>th</sup> to the 30<sup>th</sup> of September 2021 in Brussels. The symposium, which was also the TRANSTUN final conference, was attended by 125 participants and provided valuable dissemination and networking opportunities. More information is available online<sup>3</sup>.

### 2.4 CBRNe Conference and Workshop in Lille 2022

eNOTICE organised and led the CBRN session of the Community for European Research and Innovation for Security (CERIS) on the 4<sup>th</sup> of May 2022 at the CBRNe Research & Innovation conference in Lille, France. The session opened with state-of-the-art presentations by representatives of DG HOME, DG ECHO and FPI, and continued with two panel discussions of thirteen current EU-funded CBRN projects: eNOTICE, INCLUDING, NO-FEAR, FIRE-IN, PROACTIVE, HoloZcan, ECCOFEX, RESIST, VERTiGO, JA TERROR, Bullseye, EU-RADION and PANDEM-2.

The panel discussions addressed a range of important topics, such as:

- Engagement of stakeholders, including the general public, in CBRN preparedness,
- Gaps in preparedness,
- Multidisciplinary, multi-agency and civil-military cooperation as well as joint CBRN exercises,

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<sup>3</sup> <https://uic.org/com/enews/article/proactive-holds-a-joint-symposium-with-projects-transtun-enotice-melody>

- Innovative CBRN-technological solutions for detecting CBRN agents, personal protective equipment (PPE), decontamination, testing, and validation,
- The debate on acceptable risk versus zero risk and the goal of standardization in CBRN preparedness,
- Better utilization of European research outcomes,
- Dissemination of results of EU projects.

On the 5<sup>th</sup> of May, eNOTICE partners UCL and METU co-organized a workshop on “CBRNE Training Hands-on, Virtual and hybrid formats: recent experience, trends and developments” during the CBRNE Research an Innovation Conference 2022 in France. More information is available in the conference program<sup>4</sup>.

## 2.5 Joint Activity at Campus VESTA with a MELODY Train-the-Trainer course

The Joint Activity at Campus VESTA in May 2022 was used to test the “train-the-trainer” curriculum developed by MELODY<sup>5</sup>, a project aiming to create a harmonized CBRN training curriculum. The Joint Activity allowed practitioners from both projects as well as external experts to participate and provide feedback on the MELODY curriculum. More information is available online<sup>6</sup>.

## 2.6 9<sup>th</sup> BMBF Symposium on European Civil Security Research

In August 2022, eNOTICE was invited to the 9<sup>th</sup> BMBF Symposium on European Civil Security Research in Brussels, organized by the German Federal Ministry of Education and Research. The invitation was extended to eNOTICE due to it being a research project with successful involvement of practitioners. During the symposium and accompanying workshop, eNOTICE had the opportunity to network with researchers and practitioners from Germany. More information is available online<sup>7</sup>.

## 2.7 Presentations of eNOTICE and joint participation in Webinars

eNOTICE was invited to participate in the final public workshop of the iLEAnet project (Innovation by Law Enforcement Agencies networking) in Milan, Italy, on the 6<sup>th</sup> and 7<sup>th</sup> of April 2022. During the roundtable, the eNOTICE coordinator from UCL participated in a discussion on the benefits and challenges of creating networks of practitioners. The roundtable was attended by representatives from five different projects: eNOTICE, EXERTER (Security of Explosives pan-European Specialists Network), EU-HYBNET (Empowering a Pan-European Network to Counter Hybrid Threats), INCLUDING (Innovative Cluster for Radiological and Nuclear Emergencies), and CMINE (Crisis Management Innovation Network Europe).

On the 1<sup>st</sup> of December 2022, eNOTICE was presented to the Organisation for the Prohibition of Chemical Weapons (OPCW) at a webinar. The aim of the presentation was to explore

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<sup>4</sup> [https://cbrneconference.fr/Local/cbrnconference/files/385/PROGRAMME\\_WS\\_CONF\\_LILLE\\_2022.pdf](https://cbrneconference.fr/Local/cbrnconference/files/385/PROGRAMME_WS_CONF_LILLE_2022.pdf)

<sup>5</sup> <https://melody.sckcen.be>

<sup>6</sup> <https://www.cbrngate.com/2022/05/20/join-activity-enotice-and-melody-eu-funded-projects/>

<sup>7</sup> [https://www.sifo.de/sifo/de/veranstaltungen/nks-sicherheitsforschung-internationales/symposium-nks-2022-bruessel/symposium-nks-2022-bruessel\\_node.html](https://www.sifo.de/sifo/de/veranstaltungen/nks-sicherheitsforschung-internationales/symposium-nks-2022-bruessel/symposium-nks-2022-bruessel_node.html)

potential collaboration with OPCW for joint organisation and coordination of C trainings as well as exchange of trainers and trainees.

On February 1<sup>st</sup>, 2023 the eNOTICE coordinator from UCL presented an update on the network status and future plans at the DG HOME CBRN Security Advisory Group meeting. The meeting was attended by CBRN Focal Points from all EU Member States.

## 2.8 Social Media

eNOTICE also leverages social media, mainly Twitter, to connect with other projects and foster collaboration and cooperation among them. By sharing and amplifying each other's posts, eNOTICE and its partners aim to increase the reach and impact of their respective projects. eNOTICE currently has 473 followers on Twitter (+49% since the last report) and follows 28 other accounts, mainly of related projects. eNOTICE periodically shares relevant posts from related projects to improve the reach and vice-versa.

## 2.9 Further collaborations

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

### 3 Updates in the ECC

A brief update on the relevant content provided in the ECC will be given in the following sections.

#### 3.1 Interface to related projects

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. It can be found online at <https://www.h2020-enotice.eu/static/related-projects.html> and a partial screenshot is shown in Figure 1. The page displays all identified projects in alphabetical order and contains the respective project's acronym and title, a short description, runtime, logo and links to the project's website and social media accounts.

For the page to retain its usefulness, it must be constantly kept up-to-date, with outdated information removed and new information added. For this purpose, the page is periodically reviewed in cooperation with the consortium and the information is updated as needed. Since the last report, two more recently launched projects have been added to the page. Note that projects will not be removed automatically once they end, as their websites will likely still contain relevant and interesting information.

#### **VERTiGO - Virtual Enhanced Reality for iNteroperable training of CBRN military and civilian Operators**

December 2021 –  
November 2023

Are you interested in virtual reality training for CBRN operators?

Objectives: 1. Create and design an innovative and inter-operable CBRN VR training system for EU military actors, capable of integrating with civilian first responders' requirements, called EESP (European Exercises Simulation Platform). 2. Create and design harmonized and interoperable CBRN VR simulation scenarios both for military and civilian first responders. 3. Design, prototype and validate the first integrated CBRN VR Mask to be used with the EESP system.



[🏠 Website of VERTiGO](#) [🐦 VERTiGO Twitter](#)

Figure 1: An example of a recently added project

#### 3.2 Content recommendations

To further strengthen the connections with other networks and platforms, a content recommendation section was introduced in the ECC. This section provides links to content that the eNOTICE consortium has identified as relevant for the visitors of the ECC. An example of this section is shown in Figure 2. Among other content, this section contains a list of notable CBRN-related Twitter accounts. Although this list is primarily maintained by the eNOTICE consortium, any user of the ECC can suggest changes to the list. An excerpt of the list is shown in Figure 3.

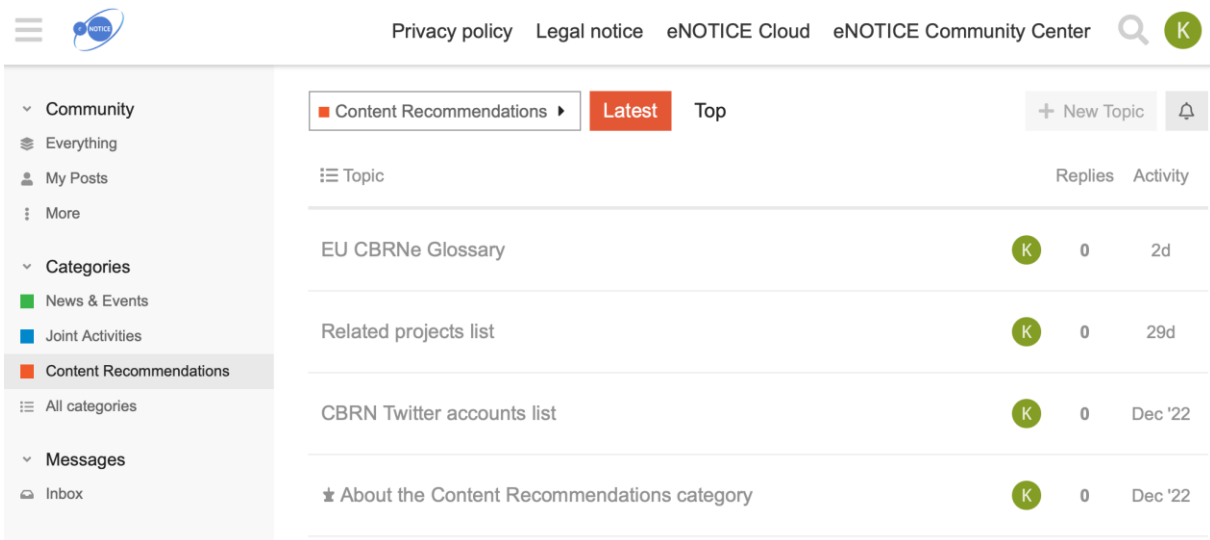


Figure 2: The content recommendations section

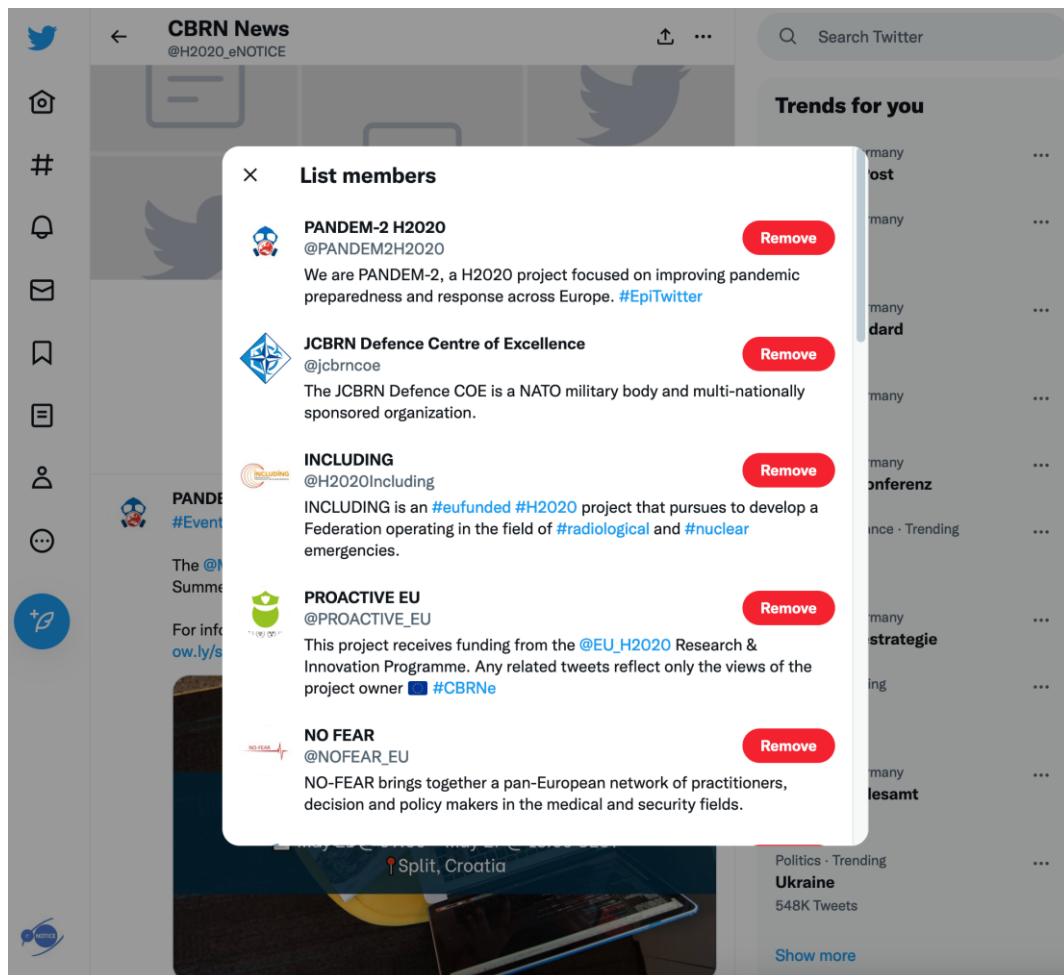


Figure 3: The list of relevant Twitter accounts

## 4 Summary

After an introduction, this document outlines eNOTICE's collaborations with other CBRN networks and platforms. It further provides an update on ongoing collaborations and describes updates to the ECC content related to other CBRN networks and platforms.

Moving forward, eNOTICE intends to sustain and enhance its collaborations with other CBRN networks and platforms, while ensuring that the ECC is always up-to-date with the latest developments.