

**eNOTICE**  
**European Network Of CBRN Training Centers**

Grant Agreement N°740521

<https://www.h2020-enotice.eu/>

# Overview of the eNOTICE project

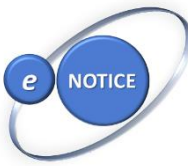
**Olga Vybornova**

June 13, 2023



## eNOTICE overview

### We network CBRN TC, testing and demonstration sites to:



- Find and label capacities of the CBRN training centers (TC), testing and demo sites
- Bring together CBRN training professionals, practitioners, industry, researchers, policy makers with the aim of better preparedness to CBRN events
- Maximize and benefit from civ-mil cooperation
- Ensure strategic and individual added value for TC
- Implement Joint Activities as the main networking mechanism
- Test and validate innovative CBRN technologies
- Improve CBRN incident preparedness and response

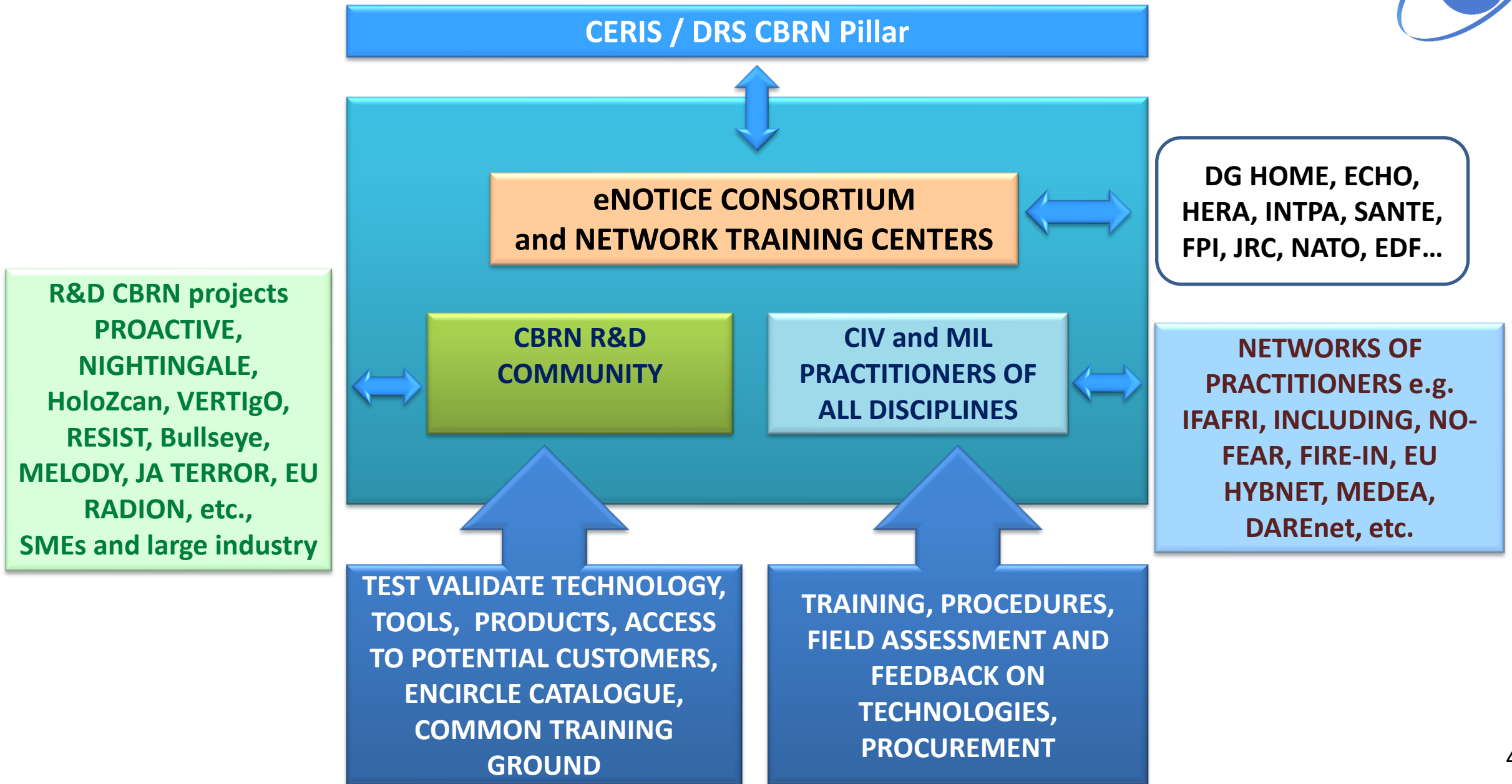
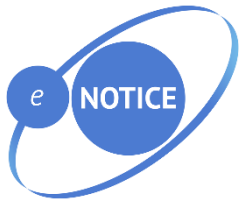
**eNOTICE duration 6 years (with extension)**

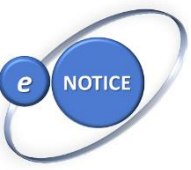
September 1, 2017 – August 31, 2023

# Consortium – core network members

	Participant organization name		Type
1	<i>Coordinator</i> Université catholique de Louvain – UCL	BE	<b>Civil</b> CBRN mobile capacity
2	Campus Vesta APB - VESTA	BE	<b>Civil</b> CBRN Training Centre
3	Fire and Rescue Service of Seine et Marne - SDIS77	FR	<b>Civil</b> CBRN Training Centre
4	Association pour la recherche et le développement de méthodes et processus industriels - ARMINES	FR	<b>Civ</b> RTO, Simulations
5	Fire Department of Dortmund - FDDO	DE	<b>Civil</b> CBRN Training Centre
6	Safety Innovation Centre – SIC	DE	<b>Civ</b> NGO
7	Joint CBRN Defence Centre of Excellence Vyškov - JCBRND CoE	CZ	<b>Military</b> Training Centre
8	Middle East Technical University – METU	TR	<b>Civ</b> Serious Gaming and Simulations Centre
9	University of Rome Tor Vergata – UNITOV and The Italian Joint NBC Defence School	IT	<b>Civ</b> University and <b>Military</b> NBC Training Centre
10	West Midlands Police, National CBRN centre – WMP	UK	<b>Civil</b> CBRN Training Centre
11	War Studies University, CBRN Defence Training Centre – WSU	PL	<b>Military</b> CBRN Training Centre
12	Scientific and Research Centre for Fire Protection - CNBOP-PIB	PL	<b>Civil</b> CBRN Training Centre

# eNOTICE Network





# eNOTICE project objectives and results

# eNOTICE Catalogue of Training Centres – members of the network

Catalogue of Training Centers

## Navigation

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## Catalogue of Training Centers

Search by name...

Countries | Expertise | Accessibility | Training area | Accommodations | Capacity Label

Only show training centers in the following countries:

Select all | Deselect all

<input checked="" type="checkbox"/> Austria	<input checked="" type="checkbox"/> Hungary	<input checked="" type="checkbox"/> Slovenia
<input checked="" type="checkbox"/> Belgium	<input checked="" type="checkbox"/> Italy	<input checked="" type="checkbox"/> Spain
<input type="checkbox"/> Burkina Faso	<input checked="" type="checkbox"/> Netherlands	<input type="checkbox"/> Tunisia
<input checked="" type="checkbox"/> Czech Republic	<input checked="" type="checkbox"/> Poland	<input type="checkbox"/> Ukraine
<input checked="" type="checkbox"/> Estonia	<input checked="" type="checkbox"/> Portugal	<input type="checkbox"/> United Kingdom
<input checked="" type="checkbox"/> Finland	<input checked="" type="checkbox"/> Romania	<input type="checkbox"/> Uzbekistan
<input checked="" type="checkbox"/> France	<input type="checkbox"/> Serbia	
<input checked="" type="checkbox"/> Germany	<input checked="" type="checkbox"/> Slovakia	

Catalogue of Training Centers

h2020-enotice.eu/static/catalogue.html

<b>Campus Vesta APB</b> Biological, chemical, explosive, fire, international humanitarian actions, medical, other, p... 	<b>Belgium, Emblem</b> 
<b>CBRN Defence Training Base "MUSCEL"</b>	<b>Romania, Câmpul...</b> 
<b>CBRN Defence Training Centre of War Studies University</b> Biological, chemical, nuclear, radiological	<b>Poland, Warsaw</b> 
<b>CBRN Defense, Safety and Environmental Protection School</b> Biological, chemical, explosive, fire, medical, nuclear, radiological, rescue & relief 	<b>Germany, Sontho...</b> 
<b>Cedre</b>	<b>France, Brest</b> 
<b>Centre de Technologies Moléculaires Appliquées</b> Biological 	<b>Belgium, Brussels</b> 
<b>Centre for Energy Research (MTA EK)</b> Nuclear, radiological 	<b>Hungary, Budapest</b> 
<b>Centro Adiestramiento Desactivación de Explosivos y Defensa NRBQ</b> Biological, chemical, explosive, nuclear, other, radiological 	<b>Spain, Valdemoro</b> 
<b>Centro de Ciências e Tecnologias Nucleares (C2TN)</b> Biological, chemical, nuclear, radiological 	<b>Portugal, Bobadel...</b> 
<b>Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej - Państwowy Ins</b> Chemical, explosive, fire, rescue & relief	<b>Poland, Józefów</b> 

# eNOTICE Catalogue of Training Centres – members of the network

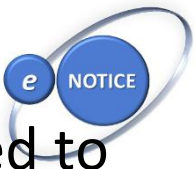
Organisation	Location
Seibersdorf Labor GmbH	Austria, Seibersdorf
Provinciaal instituut vorming en opleiding Vlaams-Brabant	Belgium, Asse
Belgian Civil Protetcion	Belgium, Brasschaat
Centre de Technologies Moléculaires Appliquées	Belgium, Brussels
Campus Vesta APB	Belgium, Ranst
PLOT - Provincie Limburg Opleiding en Training	Belgium, Genk
International CBRNE Institute	Belgium, Les Bons Villers
ISEC – Industrial Safety & Emergency Consult	Belgium, Melsele-Beveren
Belgian Nuclear Research Centre SCK•CEN	Belgium, Mol
Provinciaal Opleidingscentrum voor Veiligheidsdiensten	Belgium, Zedelgem
Vojenský výzkumný ústav, s. p.	Czech Republic, Brno
Population Protection Institute	Czech Republic, Lazne Bohdanec
Joint Chemical, Biological, Radiological and Nuclear Defence Centre of Excellence (JCBRN Defence COE)	International, based in Czech Republic, Vyškov
Estonian Rescue Board	Estonia, Tallinn
Sisekaitseakadeemia: Estonian Academy of Security Sciences	Estonia, Tallinn
South-Savo Fire Services	Finland, Mikkeli
Emergency services training centre of West Finland	Finland, Pori
IMT Mines Ales - ARMINES	France, Ales
Cedre	France, Brest
ESSEC IRENE	France, Cergy Pontoise Cedex
Seine-et-Marne District Fire and Rescue Department SDIS 77	France, Gurcy-le-Châtel
Ausbildungszentrum der Feuerwehr Dortmund FDDO – civilian TC	Germany, Dortmund
NATO School Oberammergau – military TC	Germany, Oberammergau
CBRN Defense, Safety and Environmental Protection School CDSEPS – military TC	Germany, Sonthofen
Training Base Weeze GmbH & Co. KG – military TC	Germany, Weeze

# eNOTICE Catalogue of Training Centres – members of the network

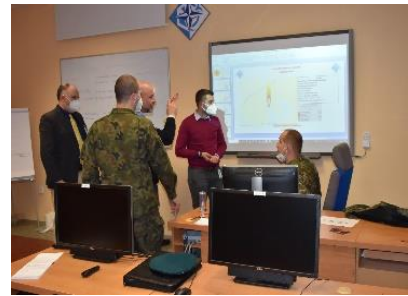
Centre for Energy Research (MTA EK)	Hungary, Budapest
HDF CBRN Area Control Centre	Hungary, Budapest
Hungarian Defence Forces Medical Centre Mobile Biological Laboratory	Hungary, Budapest
National University of Public Service, Faculty of Military Sciences and Officer Training	Hungary, Budapest
HDF 93rd CBRND BN	Hungary, Székesfehérvár
CISAM	Italy, Pisa
Joint NBC ITA Defence School	Italy, Rieti
Fondazione SAFE	Italy, Soave
Defence CBRN centre / National Training Centre (NTC)	Netherlands, Vught
Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej - Państwowy Instytut Badawczy CNBOP-PIB	Poland, Józefów
CBRN Defence Training Centre of War Studies University WSU	Poland, Warsaw
Epidemiological Response Centre of The Polish Armed Forces	Poland, Warsaw
Centro de Ciências e Tecnologias Nucleares (C2TN)	Portugal, Bobadela LRS
CBRN Defence Training Base "MUSCEL"	Romania, Câmpulung
International Security and Emergency Management Institute, n.p.o. (ISEMI)	Slovakia, Zilina
Ministry of Defense, Slovenian Armed Forces	Slovenia, Ljubljana
Spanish National Police	Spain, Linares
INTA	Spain, San Martín de la Vega, Madrid
Centro Adiestramiento Desactivación de Explosivos y Defensa NRBQ CADEX-NRBQ	Spain, Valdemoro
Middle-East Technical University (METU)	Türkiye, Ankara
National CBRN Centre (WMP)	United Kingdom, Coventry
Institut Supérieur d'Etudes de Protection Civile	Burkina Faso, Ougadougou
Vinča Institute of Nuclear Sciences	Serbia, Belgrade
Ecole nationale des douanes	Tunisia, Tunis
National University of Civil Defence of Ukraine	Ukraine, Kharkiv
State Scientific and Research Institution "Chornobyl Center for Nuclear Safety, Radioactive Waste and Radioecology"	Ukraine, Slavutych
The Training center for experts on chemical, biological, radiation safety of the Republic of Uzbekistan	Uzbekistan, Tashkent

# What is a Joint Activity?

**Joint Activity is an exercise** (field, table top, simulation):

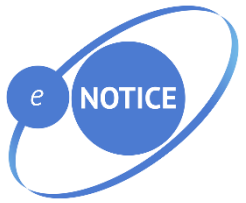


- hosted by eNOTICE network training centre(s) and opened to other actors
- with participation of a European or national R&D project(s) or industry that displays and tests their technology



- ✓ Pooling of resources! TC opens its regular exercise to other stakeholders.
- ✓ TC receives visibility of different actors, and can test technology of interest
- ✓ R&D actors get access to practitioners and test technology in real-world conditions

# Methodology of JA preparation, implementation, reporting



## eNOTICE JA planning

- D4.1 and D4.6 eNOTICE methodology for the preparation, organisation, evaluation and follow up of CBRN exercises combined with tests, validations or demonstrations

**Completed JOINT  
ACTIVITIES  
in 2017-2020  
before pandemic**

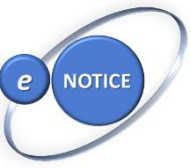
Date	Hosting partner	Location	Type of activity	
Dec 2017	<b>SDIS77</b>	<b>Gurcy, FR</b>	Multidisciplinary Field Exercise (focus on fire brigades)	
Jan 2018	<b>ARMINES + METU</b>	<b>Nîmes, FR</b>	Table-top / serious gaming	
Jun 2018	<b>UCL</b>	<b>Brussels, BE</b>	CBRN mobile capacities Field Exercise	<b>Policy Meeting</b>
Oct 2018	<b>UNITOV + Rieti School</b>	<b>Rieti, IT</b>	Multidisciplinary Field Exercise	<b>Annual Workshop</b>
Feb – Mar 2019	<b>JCBRND COE</b>	<b>Vyškov, CZ</b>	International Radiological Assistance Programme Training for Emergency Response (I-RAPTER) Basic Course	
May 2019	<b>SDIS77</b>	<b>Gurcy, FR</b>	Multidisciplinary Field Exercise	
Jul 2019	<b>WMP</b>	<b>Birmingham, UK</b>	Table Top Exercise	
Sep 2019	<b>FDDO + CNBOP-PIB</b>	<b>Dortmund, DE</b>	Multidisciplinary Field Exercise	<b>Annual Workshop</b> <b>Policy Meeting</b>
Feb 2020	<b>METU</b>	<b>Ankara, TR</b>	Serious Gaming	

## Webinars and online meetings during the COVID-19 pandemic time 2020-2021

Jun 2020	UCL, SDIS77, WMP + All	Online webinar	eNOTICE <b>webinar on Just-in-time training</b> , in collaboration with FIRE-IN, NO FEAR, MEDEA and DAREnet networks of practitioners
Oct 2020	UCL + All	Online webinar	<b>Policy Meeting 3</b> possibilities of other stakeholders to support the network from the policy and funding point of view. DG HOME, DG ECHO, NATO
Dec 2020	VESTA	Online webinar	The <b>impact of COVID-19 on training centres</b> , Workshop for the network of training centres
Feb 2021	WMP	Online webinar	How emergency services and CBRN responders work to reduce the <b>impact from a CBRN terrorist event</b> , Workshop for the network of TC
Jun 2021	VESTA	Online webinar	<b>Virtual reality in CBRN training</b> , Open workshop
Dec 2021	UCL + All	Online webinar	<b>Policy Meeting 4</b> participation of industrial and R&D companies in the network of CBRN TC, practical and operational aspects

**Completed JOINT  
ACTIVITIES  
in 2021-2023  
after pandemic**

Date	Hosting partner	Location	Type of activity	
Nov 2021	WSU + CNBOP-PIB	Warsaw, PL	Combined Civil-Military Exercise	
Nov 2021	JCBRND COE	Vyškov, CZ	Consequences Management after a CBRN Incident Course	
May 2022	FDDO	Dortmund, DE	Multidisciplinary Field Exercise (with participation of H2020 PROACTIVE project)	
May 2022	VESTA	Ranst, BE	Multidisciplinary Field Exercise	Policy Meeting
Nov 2022	UNITOV + Rieti School	Rieti, IT	Multidisciplinary Field Exercise (with participation of H2020 PROACTIVE project)	
Mar 2023	WSU	Warsaw, PL	Mil table top exercise	
May 2023	VESTA + UCL	Ranst, BE	Multidisciplinary Field Exercise (with participation of H2020 PROACTIVE project)	
Jun 2023	UCL + All	Brussels, BE	Final conference	



## eNOTICE project video

## VIDEO

<https://www.youtube.com/watch?v=2Si7QqYuc5U>