

# CEN and/or CLC Workshop

## “Procedures and thresholds in human decontamination in CBRN-E incidents”

### Workshop description form

- PART A – Workshop Summary
- PART B – Project Plan

## PART A – Workshop SUMMARY

<b>1</b>	<b>WS details</b>	
1.1.	<b>Organization</b>	<input checked="" type="checkbox"/> CEN <input type="checkbox"/> CENELEC <input type="checkbox"/> Joint with <input type="checkbox"/> CEN lead <input type="checkbox"/> CENELEC lead
1.2.	<b>Title</b>	CEN/CLC WS "Procedures and thresholds in human decontamination in CBRN-E incidents"
1.3.	<b>Scope</b>	The planned CWA specifies decontamination procedures and validation thresholds related to humans in CBRN-E events. The planned workshop is intended to be used by first responders and to enhance cooperation on international level. The workshop responds to regulatory gaps corresponding with the evolutionary nature of the CBRN-E crisis environment and of technological tools available for management of these events. The planned workshop does not address national regulations related to healthcare. The focus of the decontamination procedures during CBRN-E incidents is on crisis management, involving effective reaction of first responders and post-intervention treatment.
1.4.	<b>Does this WS stem from an EU Research project?</b>	<input checked="" type="checkbox"/> YES Name of the project: TeamUP (Holistic capability and technology evaluation and co-creation framework for upskilled first responders and enhanced CBRN-E response) <input type="checkbox"/> Grant number: 101121167 <input type="checkbox"/> End date 31.12.2026 <input type="checkbox"/> NO
1.5.	<b>Financial support</b>	<input checked="" type="checkbox"/> EU Research project <input type="checkbox"/> EC/EFTA Grant reference: Type here <input type="checkbox"/> Other Specify, if needed: Type here
1.6.	<b>WS Proposer/Proposed Chair</b>  <b>WS proposer</b>	Name: Vít Strítecký Organization: Technological Platform Energy Security Czech Republic Postal address: V Holešovičkách 1443/4, 180 00, Praha 3 Email: vit.stritecky@tpeb.cz Phone: +420 222 311 955 Webpage: https://www.tpeb.cz/en/ Contact person (name and email): Kateřina Hlavatá, info@tpeb.cz
1.7.	<b>WS Secretariat</b>	Organization: Czech Standardization Agency Postal address: Biskupský dvůr 1148/5, 110 00, Praha 1 Email: cermak@agentura-cas.cz Phone: +420 221 802 123 Webpage: www.agentura-cas.cz WS Secretary name: Eliška Špeldová Email: speldova@agentura-cas.cz Phone: +420 221 802 218
1.8.	<b>CEN and CENELEC Management Centre (CCMC) contact</b>	Organization: CEN and CENELEC Postal address: Rue de la Science 23B - 1040 Brussels, Belgium Webpage: <a href="https://www.cencenelec.eu/Pages/default.aspx">https://www.cencenelec.eu/Pages/default.aspx</a> CCMC Project Manager name: Christina THORNGREEN Email: <a href="mailto:cthorgreen@cencenelec.eu">cthorgreen@cencenelec.eu</a> Phone: +3225500910
1.9.	<b>Tentative date and place of the Kick-off Meeting</b>	Date: 27.11.2024 Place: Prague/online

1.10.	<b>Does the proposed Workshop fall within the scope of existing CEN and/or CENELEC Technical Bodies?<sup>1</sup></b>	<input checked="" type="checkbox"/> YES Specify: CEN/TC 391  <input type="checkbox"/> NO																									
1.11.	<b>Are there other Technical Bodies or Joint Advisory and Coordination Groups potentially interested in the Workshop? <sup>2</sup></b>	<input type="checkbox"/> YES Specify: Type here  <input checked="" type="checkbox"/> NO																									
1.12.	<b>Are the following aspects affected?</b>	<table border="0"> <tr> <td>Safety matters</td> <td>YES<sup>3</sup></td> <td><input type="checkbox"/></td> <td>NO</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Management system aspects</td> <td>YES<sup>4</sup></td> <td><input type="checkbox"/></td> <td>7</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Conformity assessment aspects</td> <td>YES<sup>5</sup></td> <td><input type="checkbox"/></td> <td>NO</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Security matters</td> <td>YES<sup>6</sup></td> <td><input checked="" type="checkbox"/></td> <td>NO</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>8</td> <td></td> </tr> </table> <p>Add information/explanations if Management System aspects and Conformity Assessment aspects are affected: Type here</p>	Safety matters	YES <sup>3</sup>	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	Management system aspects	YES <sup>4</sup>	<input type="checkbox"/>	7	<input checked="" type="checkbox"/>	Conformity assessment aspects	YES <sup>5</sup>	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	Security matters	YES <sup>6</sup>	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>				8	
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<b>2</b>	<b>WS Deliverables</b>																										
2.1.	<b>CWA #1</b>																										
2.1.1	<b>Title</b>	<input checked="" type="checkbox"/> Same as WS title (1.2) <input type="checkbox"/> Other: Type here																									
2.1.2	<b>Scope</b>	This document specifies decontamination procedures and validation thresholds related to humans in CBRN-E events. The planned workshop is intended to be used by first responders and to enhance cooperation on international level. The workshop responds to regulatory gaps corresponding with the evolutionary nature of the CBRN-E crisis environment and of technological tools available for management of these events. The planned workshop does not address national regulations related to healthcare. The focus of the decontamination procedures during CBRN-E incidents is on crisis management, involving effective reaction of first responders and post-intervention treatment.																									
2.1.3	<b>Does the proposed CWA conflict with a published EN</b>	<input type="checkbox"/> YES Specify: Type here  <input checked="" type="checkbox"/> NO <b>In case the answer is 'yes', the development of the CWA shall be stopped</b>																									

<sup>1</sup> Part A and Part B of this form shall be sent by the WS secretary to the secretary of the Technical Bodies identified in this section to inform them about the creation of the WS and register any possible objection within 30 days (45 during the holiday period).

<sup>2</sup> Part A and Part B of this form should be sent by the WS secretary to the Bodies identified in this section to inform them about the creation of the WS.

<sup>3</sup> Work on the proposed CEN and/or CENELEC Workshop shall not be initiated.

<sup>4</sup> The CEN and/or CENELEC Workshop proposal shall be submitted to the CEN/CENELEC BT(s) for decision.

<sup>5</sup> CEN-CENELEC Internal Regulations - Part 3, Clause 33 applies.

<sup>6</sup> For projects dealing with security matters the security risk analysis provided in Annex I shall be carried out.

<sup>7</sup> See Note 2 in CEN-CENELEC Guide 29, Clause 3.

<sup>8</sup> See Note 2 in CEN-CENELEC Guide 29, Clause 3.



**CENELEC**

**PART B – Project Plan**

## Abstract

The content of the proposed CWA is developed as part of the Horizon Europe project n. 101121167 TeamUP “Holistic capability and technology evaluation and co-creation framework for upskilled first responders and enhanced CBRN-E response”. It will specify decontamination procedures and validation thresholds related to humans in CBRN-E events. The planned workshop is intended to be used by first responders and to enhance cooperation on international level. The workshop will respond to regulatory gaps corresponding with the evolutionary nature of the CBRN-E crisis environment and of technological tools available for management of these events. The planned workshop will not address national regulations related to healthcare. The focus of the decontamination procedures during CBRN-E incidents is on crisis management, involving effective reaction of first responders and post-intervention treatment.

## 1 Status of the project plan

**Draft project plan** for public commenting (Version 1.0)

This draft project plan is intended to inform the public of a new Workshop. Any interested party can take part in this Workshop and/or comment on this draft project plan by sending an email to the WS secretary.

All those who have applied for participation or have commented on the project plan by the deadline will be invited to the kick-off meeting of the Workshop on **2024-11-27**.

## 2 Workshop proposer and potential Workshop participants

### 2.1 Workshop proposer

Person (and organization) 1: Prof. Vít Střítecký, Technological Platform Energy Security Czech Republic

Short description and interest in the subject: Prof. Střítecký is a professor of Security Studies at Charles University, Prague. He has worked extensively on issues related to various aspects of security and conflict management policies. In the past, he successfully led the CWA 18105:2024 Assessing machine learning-based pandemic crisis prediction and management tools in STADEM trials.

### 2.2 Potential participants

This CWA will be developed in a Workshop (temporary body) that is open to any interested party. The participation of the following persons/organizations would be helpful and is desired. It is recommended that:

- category of potential participants A: First Responders
- category of potential participants B: CBRN-E experts – academics and researchers
- category of potential participants C: Technological companies developing tools for CBRN-E incident management

take part in the development of this CWA.

## 3 Workshop objectives and scope

### 3.1 Workshop background

Due to the increasing geopolitical instability, there is a growing threat of CBRN-E incidents. Consequentially, EU countries are required to enhance crisis response capabilities in this area. CBRN-E crisis response is a complex issue involving several procedures before, during and after the crisis intervention. The planned CWA will be one of the results of the TeamUP project “Holistic capability and technology evaluation and co-creation framework for upskilled first responders and enhanced CBRN-E response” (grant n. 101121167) which aims to increase the response efficiency and enhance cooperation among national as well as cross-national actors. Decontamination is a crucial part of the CBRN-E incident response cycle. The planned CWA intends to address the identified gap in decontamination and validation procedures related to humans – both, first responders involved in the intervention as well as victims of the incident.

The planned CWA will complement the existing standards and other deliverables in the areas of decontamination, CBRN, radiology, rescue, biorisk, hazardous materials and crisis management.

Decontamination:

The level of standardization in the area of decontamination is generally very low. The workshop will work primarily with

- EN ISO 9271:2024 Decontamination of radioactively contaminated surfaces – Testing of decontamination agents for textiles (ISO 9271:2023)
- ISO 8690:2020 Measurement of radioactivity – Gamma ray and beta emitting radionuclides – Test method to assess the ease of decontamination of surface materials

CBRN:

- CEN/TS 16595:2013 CBRN - Vulnerability Assessment and Protection of People at Risk
- CEN/TS 17159:2018 Societal and citizen security– Guidance for the security of hazardous materials (CBRNE) in healthcare facilities
- EN 17173:2020 European CBRNE glossary
- CWA 17974:2023 Basic CBRN training curriculum for first responders and medical staff including first receivers

Radiology:

- EN ISO 20031:2020 Radiological protection -- Monitoring and dosimetry for internal exposures due to wound contamination with radionuclides (ISO 20031:2020)
- ISO 21243:2022 Radiation protection— Performance criteria for laboratories performing initial cytogenetic dose assessment of mass casualties in radiological or nuclear emergencies— General principles and application to dicentric assay

- ISO 24434:2024 Radiological protection— Radiological monitoring for emergency workers and population following nuclear/radiological incidents — General principles

#### Rescue:

- CWA 17947:2022 Urban search and rescue— Guideline for the application of a test method for innovative technologies to detect victims in debris
- CWA 18004:2023 Requirements for acquiring digital information from victims during Search and Rescue operations

#### Biorisk + Hazardous materials:

- ISO 17723-1:2019 PPE ensembles for firefighters undertaking hazardous materials response activities— Part 1: Gas-tight, vapour-protective ensembles for emergency response teams ("type 1")

#### Crisis Management:

- ISO 22361:2022 Security and resilience— Crisis management — Guidelines (ISO 22361:2022)
- ISO 24518:2015 Activities relating to drinking water and wastewater services— Crisis management of water utilities
- EN ISO 22361:2022 Security and resilience - Crisis management – Guidelines (ISO 22361:2022)
- CWA 17514:2020 Systematic assessment of innovative solutions for crisis management - Trial guidance methodology
- CWA 18018:2023 Structuring an emergency response plan for crisis management stakeholders
- CWA 18019:2023 Specifications for Digital Scenarios for Crisis Management Exercises
- CWA 18028:2023 Semantic layer definition and suitability of OASIS EDXLCAP and OASIS EDXL-SitRep standards for crisis management in critical infrastructures

## 4 Workshop programme

### 4.1 General

The kick-off meeting is planned to take place on November 27<sup>th</sup>, 2024, in Prague/virtually – link to be provided. A draft for public commenting will not be published.

A total of 2 Workshop meetings (kick-off meeting and Workshop meetings) and web conferences will be held, during which the content of the CWA(s) will be presented, discussed and approved.

The working language (language of meetings, minutes, etc.) of the WS will be English. The CWA will be written in English.

## 4.2 Workshop schedule

The CWA timeline is planned for 28 months. This is longer than usual due to the CWA development being directly tied to the TeamUP project with the workshop comprising mostly (but not exclusively) of the members of the consortium. The project addresses many gaps in decontamination practice and develops new technologies in this area. A longer than usual timeline is necessary for eliciting expert knowledge from the project participants during regular consultations. We estimated that more time would be needed due to the unique nature of the CBRN and decontamination field.



**Table 1: Workshop schedule (preliminary)**

CEN/CENELEC Workshop	M01	M02	M03	M04	M05	M06	M07	M08	M09	M10	M11	M12	M13
<b>Initiation</b>													
1. Workshop description form submission and TC													
2. Open commenting period on draft project plan (mandatory)													
<b>Operation</b>													
3. Kick-off meeting													
4. CWA(s) development													
5. Open commenting period on draft CWA(s) (optional)													
6. CWA(s) finalized and approved by Workshop participants													
<b>Publication</b>													
7. CWA(s) publication													
<b>Dissemination</b>													
<b>Milestones</b>				K									



## 5 Resource planning

- The Workshop participants finance the Workshop themselves. Consortium members will finance their activities within the framework of the Horizon Europe research project.

## 6 Workshop structure and rules of cooperation

### 6.1 Participation in the Workshop

The Workshop will be constituted during the kick-off meeting. By approving this project plan, the interested parties declare their willingness to participate in the Workshop and will be formally named as Workshop participants, with the associated rights and duties. Participants at the kick-off meeting who do not approve the project plan are not given the status of a Workshop participant and are thus excluded from further decisions made during the kick-off meeting and from any other decisions regarding the Workshop.

As a rule, the request to participate in the Workshop is closed once it is constituted. The current Workshop participants shall decide whether any additional members will be accepted or not.

Any new participant in the Workshop at a later date is decided on by the participants making up the Workshop at that time.

All Workshop participants who approved the publication of the CWA or its draft will be named as authors in the European Foreword, including the organizations which they represent. All Workshop participants who did not approve the publication of the CWA will not be named in the European Foreword.

### 6.2 Workshop responsibilities

The Workshop Chair is responsible for content management and consensus building. The Workshop Chair is supported by the Workshop Vice-Chair (if any) and the responsible Workshop secretariat, whereby the Workshop secretariat will always remain neutral regarding the content of the CWA(s). Furthermore, the Workshop secretariat shall ensure that CEN-CENELEC's rules of procedure, rules of presentation, and the principles governing the publication of CWA(s) have been observed. Should a Workshop Chair no longer be able to carry out her/his duties, the Workshop secretariat shall initiate the election of a new Workshop Chair. The list below covers the main tasks of the Workshop Chair. It is not intended to be exhaustive.

- Content related contact point for the Workshop
- Presides at Workshop meetings
- Ensures that the development of the CWA respects the principles and content of the adopted project plan
- Manages the consensus building process, assesses when the Workshop participants have reached agreement on the final CWA, on the basis of the comments received
- Ensures due information exchange with the Workshop secretariat
- Represents the Workshop and its results to exterior

The Workshop secretariat, provided by a CEN and/or CENELEC Member, is responsible for organizing and leading the kick-off meeting, in consultation with the Workshop proposer. Further Workshop meetings and/or web conferences shall be organized by the Workshop secretariat in consultation with the Workshop Chair. The list below covers the main tasks of the Workshop secretariat. It is not intended to be exhaustive.

- Administrative and organizational contact point for the Workshop
- Ensures that the development of the CWA respects the principles and content of the adopted project plan and of the requirements of the CEN-CENELEC Guide 29
- Formally registers Workshop participants and maintains record of participating organizations and individuals
- Offers infrastructure and manages documents and their distribution through an electronic platform
- Prepares agenda and distributes information on meetings and meeting minutes as well as follow-up actions of the Workshop
- Initiates and manages CWA approval process upon decision by the Workshop Chair
- Interfaces with CEN-CENELEC Management Centre (CCMC) and Workshop Chair regarding strategic directions, problems arising, and external relationships
- Advises on CEN-CENELEC rules and brings any major problems encountered (if any) in the development of the CWA to the attention of CEN-CENELEC Management Centre (CCMC)
- Administrates the connection with relevant CEN or CENELEC/TCs

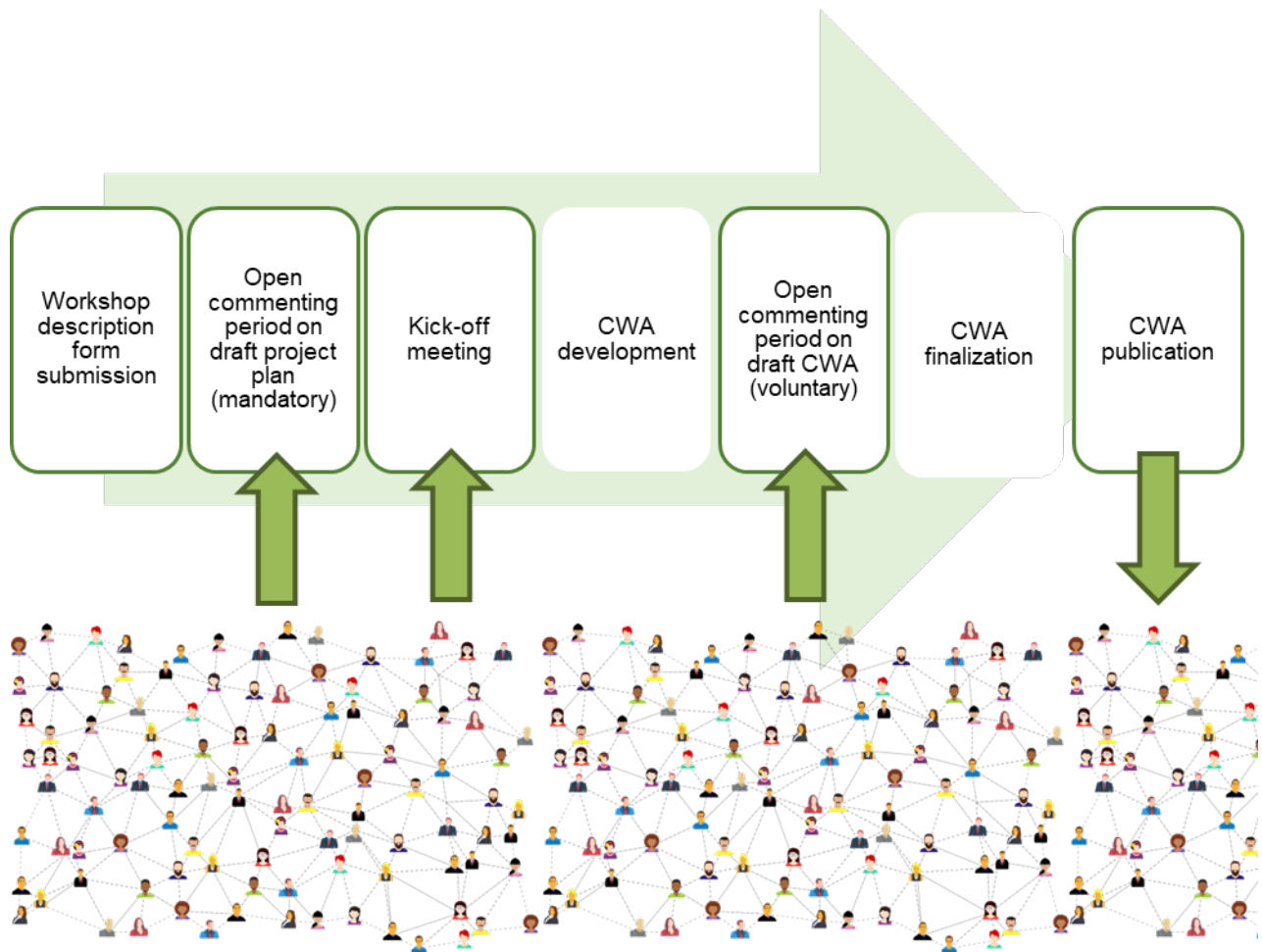
### **6.3 Decision making process**

The CEN and/or CENELEC Workshop Chair is responsible for ensuring that the development of the CWA follows the principles and content of the project plan described in this document and the requirements of CENELEC Guide 29. The CEN and/or CENELEC Workshop Chair may take decisions on the conduct of the CEN and/or CENELEC Workshop on the basis of the comments expressed by the participants and of CEN-CENELEC Guide 29.

Decisions shall be taken based on consensus of the WS participants.

## **7 Dissemination and participation strategy**

The draft of the CWA will be published on the dedicated CEN/CENELEC website. The proposer will use the Horizon project capacities to disseminate the draft among any interested parties within the EU. Upon its final approval the CWA will be published by CEN/CENELEC and promoted by the project communication channels. There is a growing platform of stakeholders that is formed around the TeamUP project. Therefore, the project communication channels have an extensive reach. In terms of timing, the Workshop will follow all the prescribed guidelines and procedures.



Potential participants identified in section 2.2 and potential interested stakeholders identified in Part A should be informed of the open commenting phase, if any, and of the publication of the CWA.

In addition to the CCMC website, the final CWA might be advertised on:

- sector specific newsletter
- social media, such as
  - Facebook
  - Instagram
  - LinkedIn
  - X
- Research Gate
- EC Newsroom
- Others

## Annex I – Security risk analysis

This annex shall be completed if section 1.12 of Part A indicates that security aspects are addressed by the Workshop.

### I.I General

Security risk analysis is a process of identifying and analyzing the main negative factors that may affect a standardization project's objectives. The following is targeted at secretariats of CEN and/or CENELEC Workshop Agreements (CWA) dealing with security issues. Its purpose is to help them identify and mitigate the risks associated with their project. It is structured around two main security threats that can affect the success of the work: major diverging interests among stakeholders and sensitive information.

### I.II Risk analysis on major diverging interest among stakeholders

Diverging interests among stakeholders can impede the process in reaching agreement on the CWA and even lead to failure to deliver the planned CWA. In order to identify and possibly mitigate the risks, the following questions should be reviewed:

- Is the planned CWA expected to have a major impact on the security policy/strategy of the core stakeholders?  
**No**
- Does the scope of the CWA cover products or services with a clear dual-use purpose (i.e. which can be used for military purposes)? **No**

### I.III Risk analysis on sensitive information

- In light of the scope of the CWA, is it likely that it may deal with sensitive information? If so, what is the information sensitivity level? **No**
- Is there a need for a (non-)disclosure agreement? **No**
- Is there any conflict of interest for stakeholders involved in the CEN and/or CENELEC Workshop, regarding especially the use they may make of any information they receive during the development of the CWA? **No**
- What steps should be taken to manage information dissemination and storage (e.g. memory stick, emailing, storage) during the development process of the CWA? **Not relevant (no classified information involved).**