



## ENCIRCLE

### EuropeanN Cbrn Innovation for the maRket CLustEr

#### D3.4 ENCIRCLE Cluster Dynamic Catalogue

##### Deliverable category : « OTHER »

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**Document Information**

Grant Agreement n°	<b>740450</b>	
Project Title	European Cbrn Innovation for the market CLustEr	
Project Acronym	ENCIRCLE	
Project Coordinator	Université catholique de Louvain (UCL)	
Document Responsible Partner	University de Nice-Sophia Antipolis (UNS)	encircle@polytech.unice.fr
Document Number	D3.4	
Document Title	ENCIRCLE Cluster Catalogue 4	
Dissemination Level	Public	
Contractual Date of Delivery	Month 21	

**Partners involved in the Document**

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2	BAe SYSTEMS (BAES)	X
3	Ouvry SAS (OUVRY)	
4	Przemysłowy Instytut Automatyki i Pomiarów (PIAP)	
5	Tecnoalimenti (TCA)	
6	Wojskowa Akademia Techniczna (WAT)	X
7	European Virtual Institute for Integrated Risk Management (EU-VRI)	
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10	Universita Cattolica del Sacro Cuore (UCSC)	X
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14	ENVIRONICS OY (EOY)	
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**Approved by the ENCIRCLE Management Board: UCL, BAES, WAT, UCSC, MIKSEI**

**Circulation list**

- European Commission
- ENCIRCLE Consortium

The deliverable consists in the on-line catalogue operational “tool” and contents.

The catalogue is accessible on-line at the following address: [www.encircle.eu](http://www.encircle.eu). The home page is public.

This document is the summary of the status of the ENCIRCLE cluster dynamic catalogue after 21 months of operational use (since June 2017).

## 1 ENCIRCLE CATALOGUE ACCESS - MODIFICATIONS IN 2018

### 1.1 REMINDER

The ENCIRCLE Dynamic Catalogue is a web portal with databases, networks, market place and different functions, that will support the project activity in an open, flexible and interactive manner.

To use the catalogue, under specific access conditions defined by the membership nature, it is necessary to register as a member of one of the ENCIRCLE communities. The catalogue provides registration and support to the two ENCIRCLE communities: the Practitioners and Customers Community and the Technological and Industrial Community which are the main users of the dynamic catalogue.

To be a “user” of the catalogue, an organisation or an expert must select the community it wishes to join and follow the registration procedure proposed for each community.



The registration requires the signature of a Letter of Intent to agree between the consortium and the catalogue user.

## 1.2 MODIFICATION

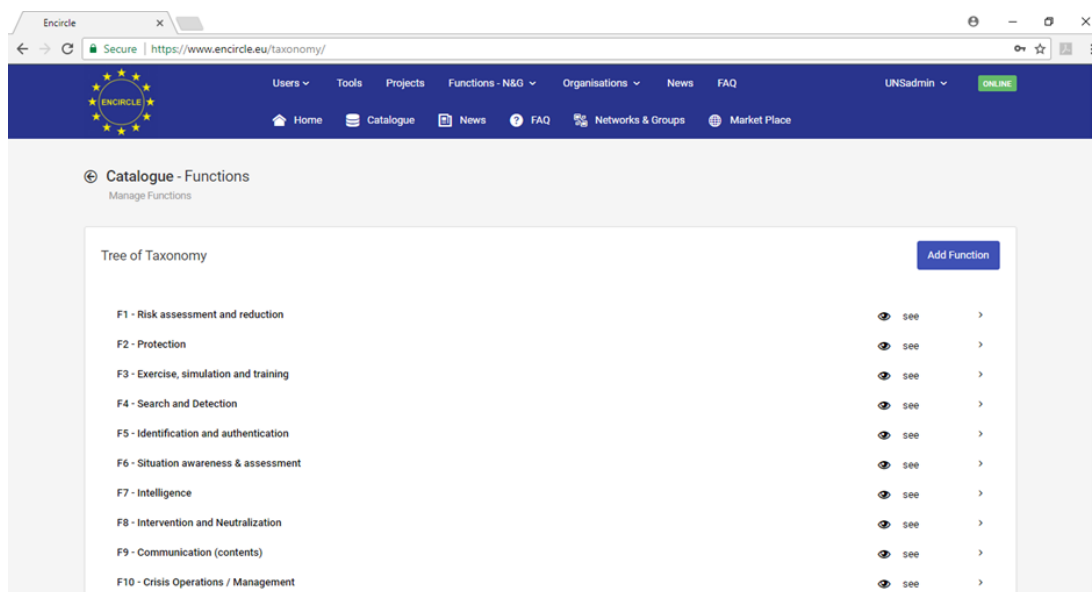
Since July 2018, this LOI is now signed online during the registration procedure.

## 2 ENCIRCLE CATALOGUE MAIN CONTENT AT 21M

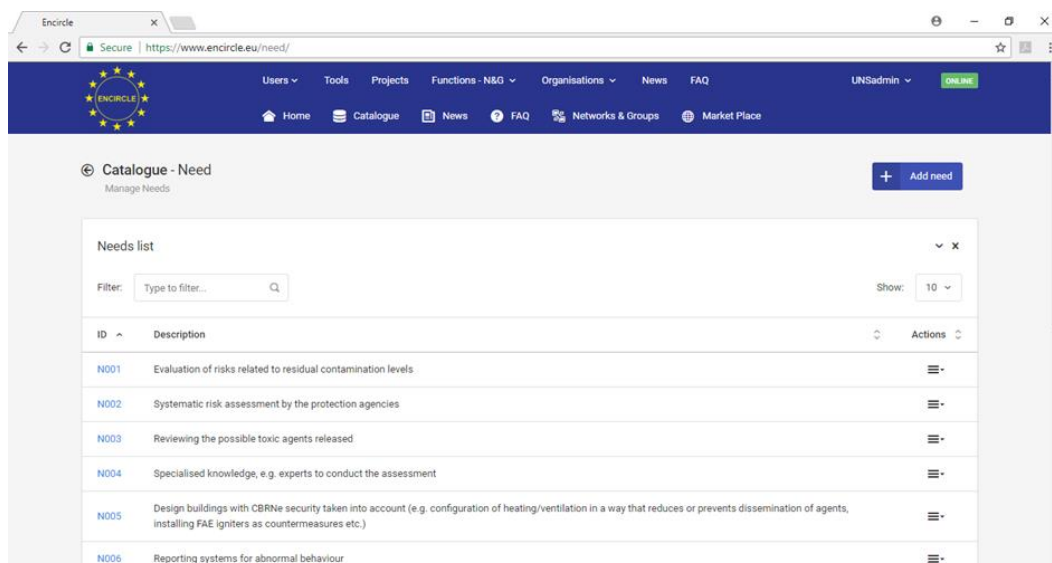
### 2.1 REMINDER ON PREVIOUS VERSION CONTENT

The catalogue contains non-classified information sorted out either by:

- functions and sub-functions



- or by needs:



It includes:

- Relevant needs and gaps (unclassified and not confidential information).

for instance:

ID	Description	Actions
G001	Lack of clear and harmonised ethical framework at the EU level for CBRNe prevention and preparedness and on how rights are (potentially) to be balanced in extreme circumstances.	⋮
G002	Lack of consideration of ethical and fundamental rights aspects in CBRNe preparedness and response strategies.	⋮
G003	Lack of detailed definitions (es. "major crisis", "overwhelmed state") in the EU legislation applicable to a CBRNE crisis.	⋮
G004	Lack of awareness regarding food defence in the food industry within production processes.	⋮
G005	Lessons learned are not fed back into the system.	⋮
G006	No overarching framework (vulnerability assessment, cost analysis, management, capacity assessment).	⋮
G007	Lack of capabilities for real time threat assessment.	⋮
G008	Too much focus on worst case scenarios and limited validation of other scenarios and threat assessment.	⋮
G009	Large variations between different countries in the EU Member States when it comes to implementation of risk assessment.	⋮
G010	Lack of general knowledge regarding available methodology and lack of standardised approaches to measure residual risks of secondary exposure and to set allowable levels of contamination. "Best practice" should be set as benchmark for assessment for secondary exposure and allowable contamination levels	⋮

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- CBRN technologies and tools description, including generic, dual and related non-specific CBRN products and technologies, such as, for instance:

ID	Name	Subtitle	Functions	Status	Organisations	Actions
30	DF200 Decon Formula			VALIDATE	ADVANCED DECON TECHNOLOGIES, LLC	⋮
31	CBRNe MASK and FILTER			VALIDATE	AERO SEKUR S.p.A	⋮
32	NAI sensor			VALIDATE	AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE (ENEA)	⋮
33	ENOSE			VALIDATE	AINIA	⋮

Manage tools

- a CBRN-related projects database.

It includes:

- standards and interfaces,
- social and environmental issues and descriptions

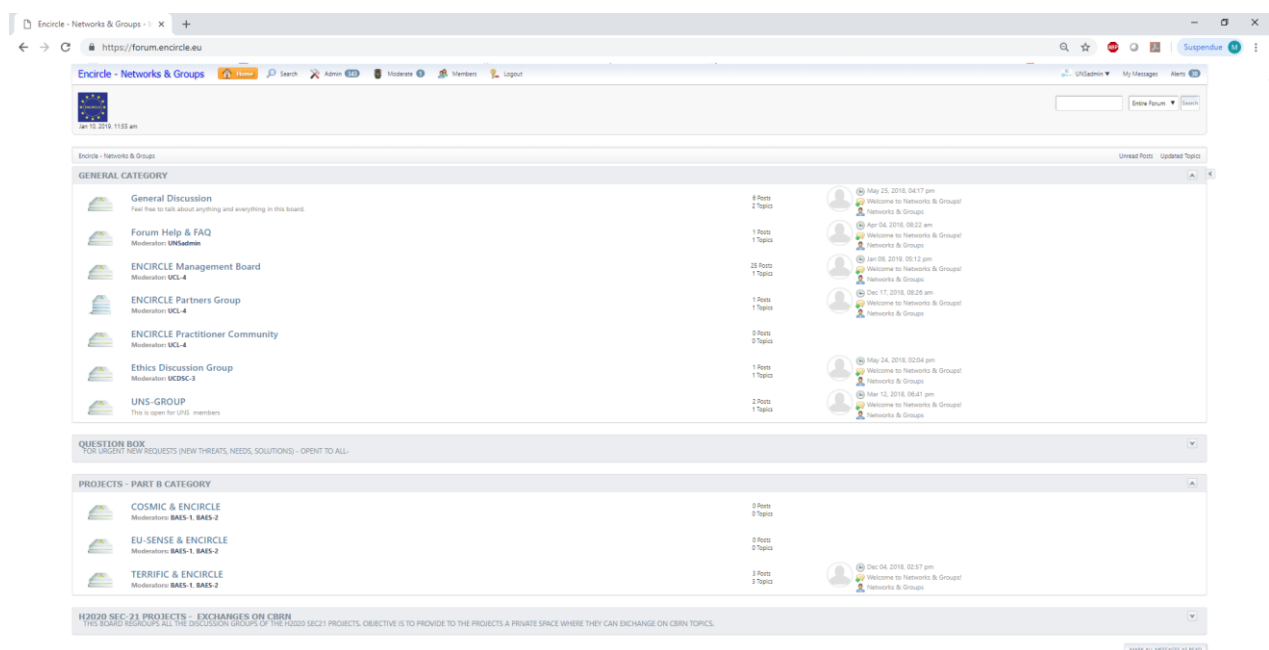
All the data included in the catalogue concerning organisations, point of contact, tools, including technical tools, procedures, etc., are under the responsibility of their owner (consortium partner when relevant and community members).

In particular, all the suppliers and SMEs registered in the EDEN Store (supplier platform and SME platform) that already accepted to communicate their information to be used in ENCIRCLE will join the new community with a new login and password.

Their EDEN Store registered data have already been transferred in the catalogue, ready for the suppliers to update them with recent information.

## 2.2 UPDATES AND IMPROVEMENT

- A Network and Group part is available in the dynamic catalogue since March 2018. It consists in a part of the catalogue where the networks communities can proactively create groups for thematic exchanges, choosing if they want to create a group accessed upon request or a group of discussion open to all the network. All the members of the networks have access to this functionality. A Question box function for urgent requests regarding: (i) new treats; (ii) procurement opportunities, (iii) urgent needs.



- Standard interface: since August 2018, it is possible to describe tools and project with as many standards as required as former version allowed only to add on standard per tool/project.
- Integration capabilities of tools by categories since October 2018, the description of tools integration capabilities has been refined: Integration capabilities can be described by key words categories and advance search functionalities allow the dynamic catalogue user to search for integration capabilities by categories.

### 3 SUMMARY

The main public deliverable of the dynamic catalogue is the portal itself, operational since mid-June 2017, and continuously maintained and adjusted.

It currently includes the information provided by the EDEN partners, the suppliers and the SMEs that allowed the ENCIRCLE consortium to use their data, plus some additional needs and gaps identified and gathered in 2017:

- 345 Needs,
- 515 Gaps (CBRNe specific and related),
- 184 organisations,
- 286 Tool descriptions,
- 19 projects including 3 cooperating projects (more under discussions).