# ENCIRCLE

# EuropeaN Cbrn Innovation for the maRket CLustEr

# D3.6 ENCIRCLE Cluster Dynamic Catalogue

## Deliverable category: « OTHER »

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| PU | Unrestricted PUBLIC Access – EU project | **X** |
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| 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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| 9 | Université de Nice-Sophia Antipolis (UNS) | |
| 10 | Universita Cattolica del Sacro Cuore (UCSC) | X |
| 11 | FALCON COMMUNICATIONS LIMITED (FALCON) | |
| 12 | Smiths Detection Watford Limited (SMITHS) | |
| 13 | MIKKELIN KEHITYSYHTIO MIKSEI OY (MIKSEI) | X |
| 14 | ENVIRONICS OY (EOY) | |
| 15 | ADS GROUP LIMITED LBG (ADS) | |

**Approved by the ENCIRCLE Management Board: UCL, BAES, WAT, UCSC, MIKSEI**

## Circulation list

-   European Commission
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## Executive Summary

This document is the summary of the status for the ENCIRCLE cluster first dynamic catalogue after 30 months of operational use (since June 2017). The deliverable consists of the on-line catalogue operational "tool" and contents.

# Contents

# Figures

# 1    ENCIRCLE CATALOGUE 2019 VERSION ACCESS

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.

The catalogue is accessible on-line at the following address: www.encircle.eu. The home page is public.

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 and 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.
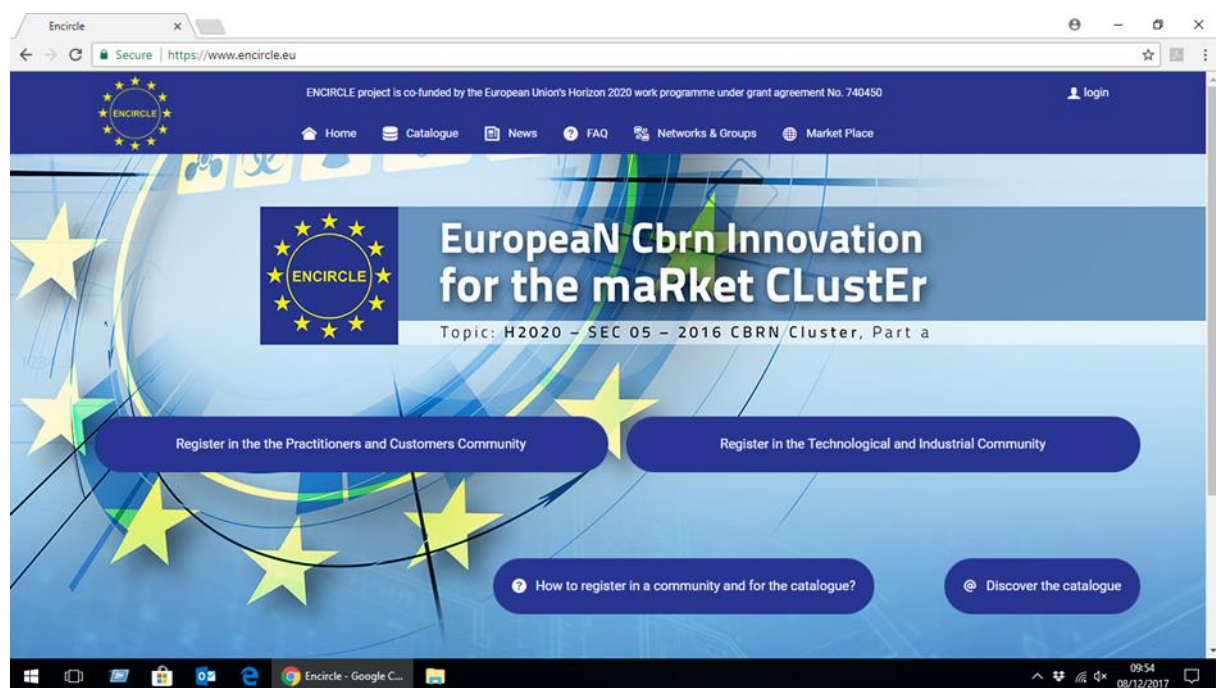


Figure 1 – Web Portal Interface for ENCIRCLE Dynamic Catalogue

The registration requires the signature of a Letter of Intent to agree between the consortium and the catalogue user. Since the 1$^{st}$ of July 2018 the LOI process has changed as summarized above:

> At the end of the registration process, the user is asker to numerically sign the LOI by ticking a box before submission of their registration process. The numerically signed LOI are tracked in the Encircle platform database.

## 2   ENCIRCLE CATALOGUE MAIN CONTENT AT 33M

The catalogue contains non-classified information sorted out either by:
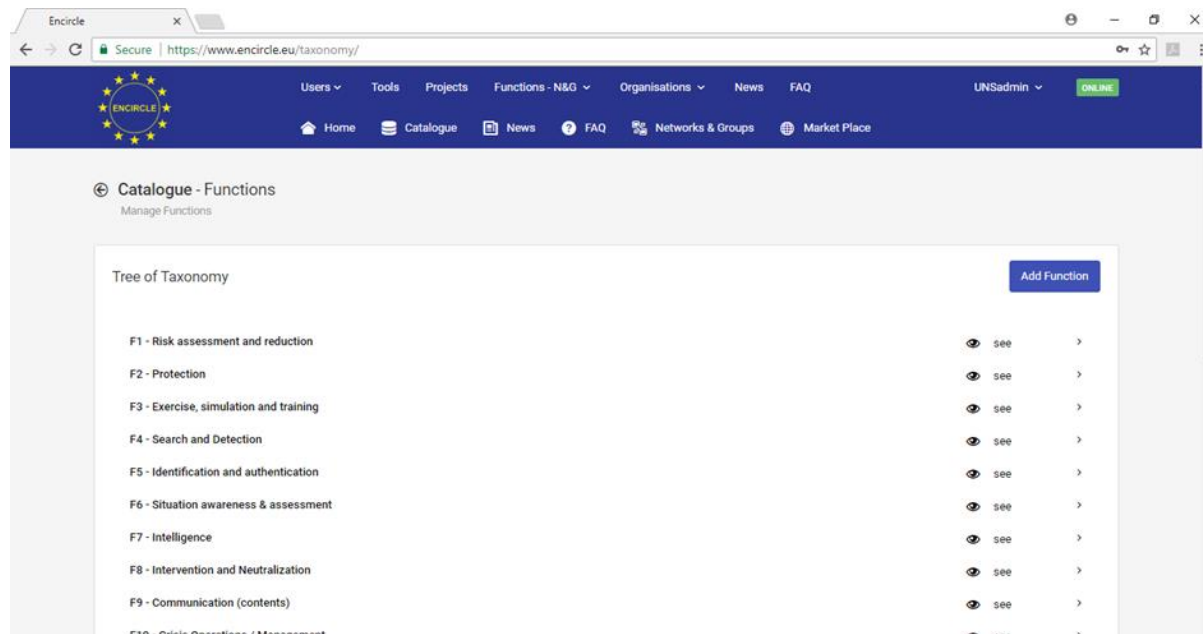
- Functions and sub-functions



Figure 2 – Screenshot of ENCIRCLE Dynamic Catalogue (Functions)
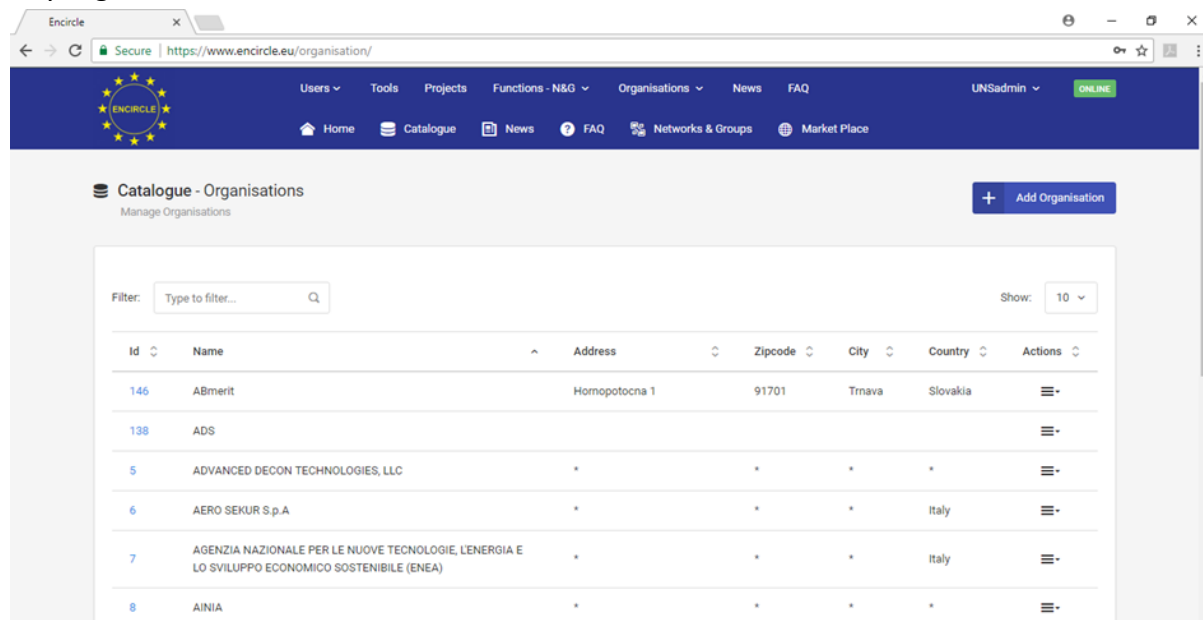
- by organisation:



Figure 3 – Screenshot of ENCIRCLE Dynamic Catalogue (Organizations)
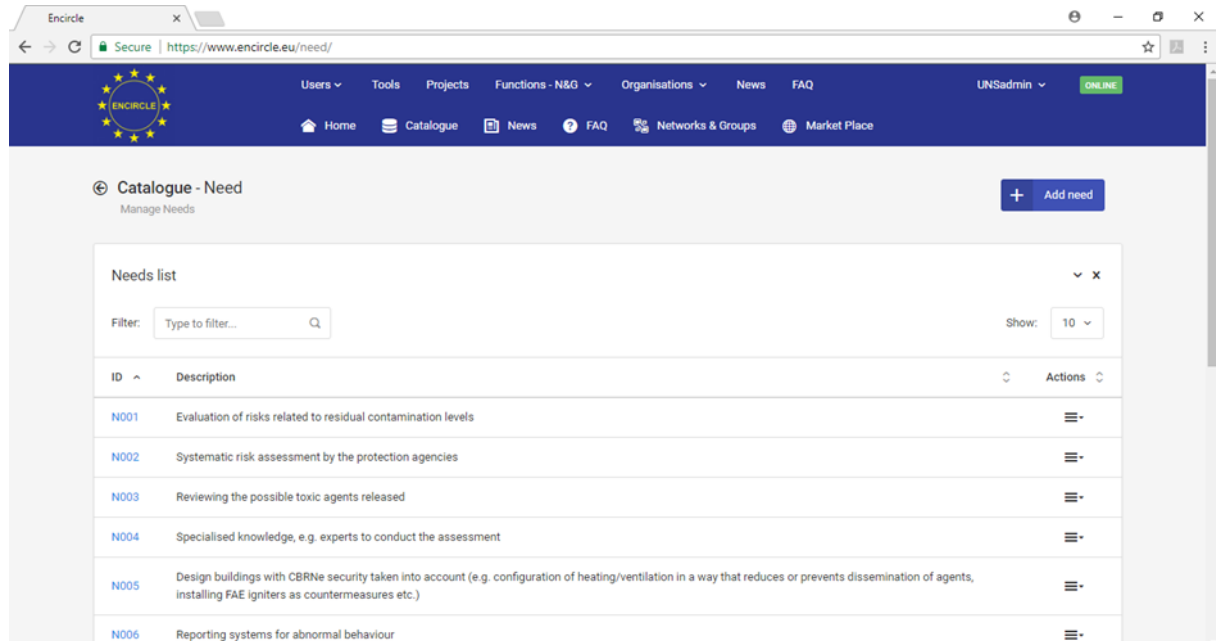
- or by needs:



Figure 4 – Screenshot of ENCIRCLE Dynamic Catalogue (Need)

It includes:

- Relevant needs and gaps (unclassified and not confidential information), for instance:
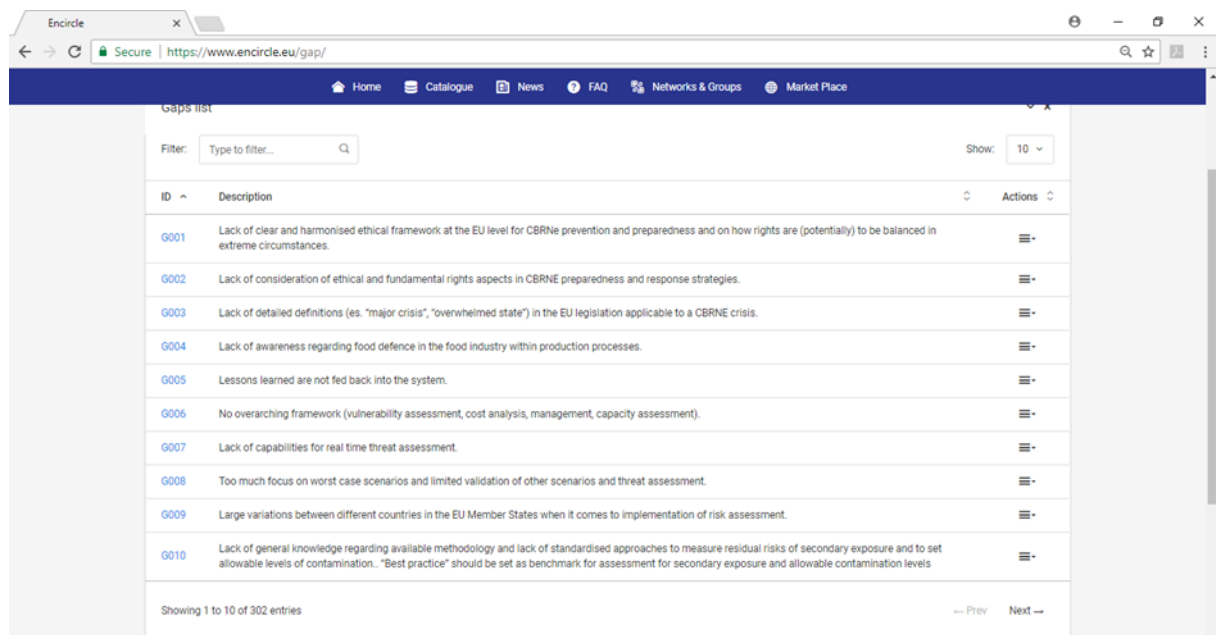


Figure 5 – Screenshot of ENCIRCLE Dynamic Catalogue (Needs and Gaps)

- CBRN technologies and tools description, including generic, dual and related non-specific CBRN products and technologies, such as, for instance:
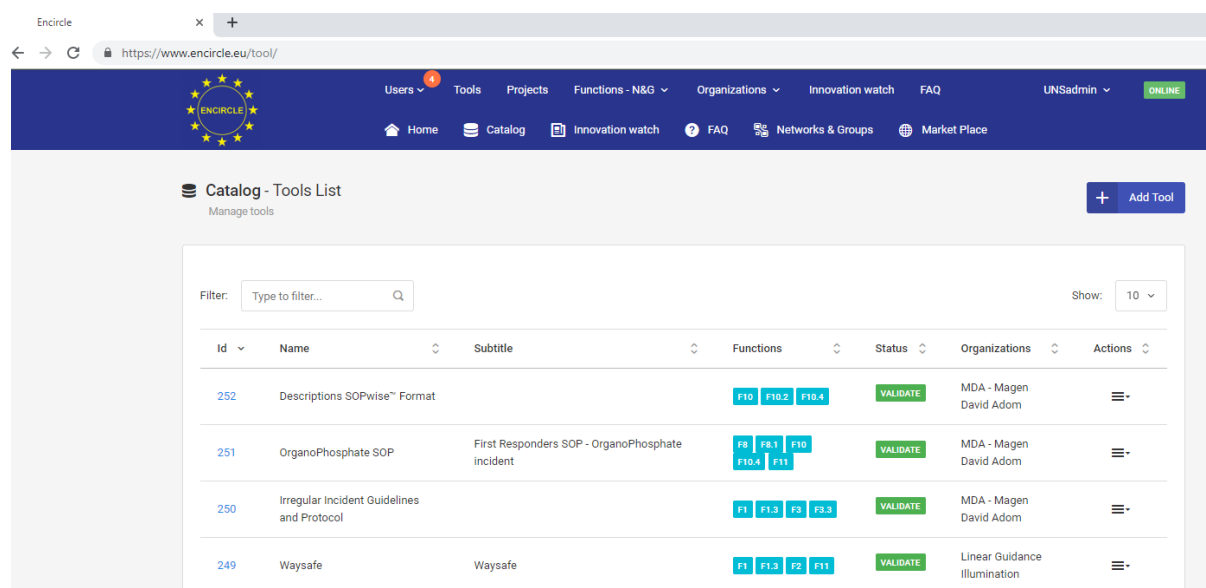
Figure 6 – Screenshot of ENCIRCLE Dynamic Catalogue (Tools)

It also 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.

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

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 November 2019:
- 347 Needs,
- 302 Gaps (CBRNe specific and related).

In the catalogue there are currently registered:
- 197 unique organisations,

- 269 tool descriptions,
- 32 projects including 3 cooperating projects.

More specifically, during the last six months period (June 2019 to November 2019), the new registrations in the catalogue include: 11 new tools, 1 new gap, 2 new needs and 1 new project description.

The ENCIRCLE Network and Groups forum activities statistics are summarized below.
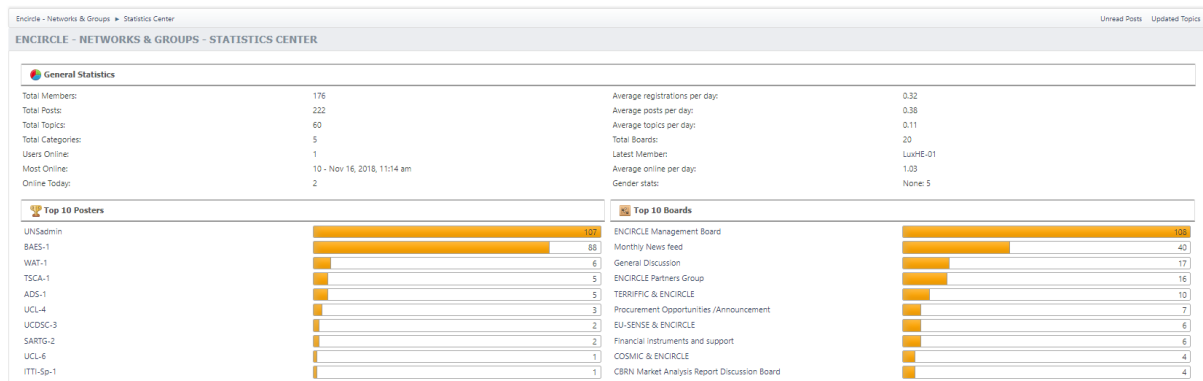


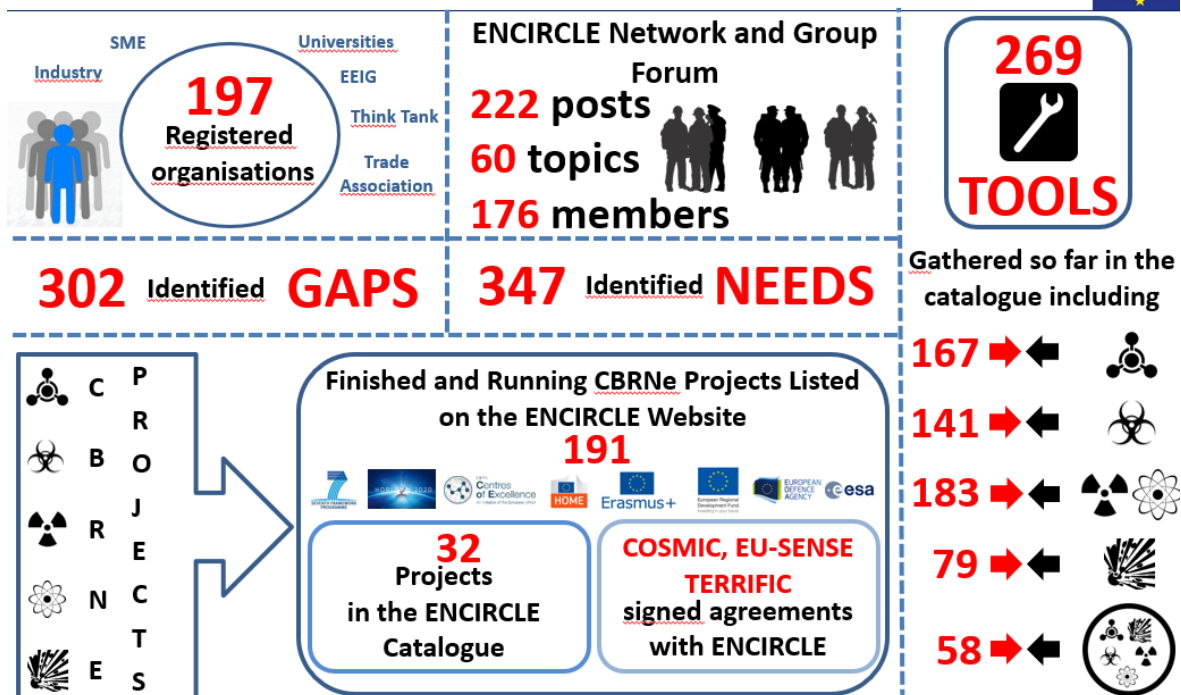Figure 7 – Statistics of ENCIRCLE Network and Group Forum



Figure 8 – Statistics of ENCIRCLE Dynamic Catalogue

## 3    ENCIRCLE CATALOGUE MAIN EDITIONS AND UPDATES

In 2018 the summary of the changes in the catalogue were following (see D3.3 and D3.4)

1- Change in the LOI process (see section 1)
2- ENCIRCLE Network and Groups functionality (available since March 2018)
3- Enabling of possibility to add several standards for the tools and projects (available since June 2018)
4- ENCIRCLE Catalogue GDPR compliance checking completed internally by the consortium
5- Integration capabilities function refinement of tools by categories (since October 2018)



Figure 9 – Web Interface of ENCIRCLE Dynamic Catalogue (Innovation Watch Form)

Since 2019, the main modifications on the catalogue consisted in the opening of a space for Innovation watch. As shown below, a new entry has been implemented in the catalogue since May 2019 to post innovation reports.

The innovation reports are directly produced by the consortium member using the Risk Radar innovation watch tool provided by EU-VIR partner and accessible through the forum to the entire consortium at the moment.

The consortium can then perform a research with the tool and post the produced report on the catalogue to make it accessible/visible for the two communities.

The second elaboration in 2019 in the ENCIRCLE catalogue was the elaboration of a restricted access profile for consulting companies in the CBRNe field which do not, by definition, belong to any of the two communities. Consequently the consulting companies in the CBRN field only have access to the Network and Group part of the ENCIRCLE Dynamic Catalogue, and are identified as such there.

In 2019 November, the Market Place is launched on the ENCIRCLE Dynamic Catalogue. The Market Place helps to facilitate members of the practitioners and tool provider communities' direct interaction and allow them to obtain relevant information based on their search requests.

The Market Place provides the information of the tools as well as the information of the projects and point of contacts that are associated with the queried tools. It also provides the user the option to save the search results information into PDFs document for printing.

In the Market Place, the user can search for tools related to any keyword. The search results will give the list of tools which contains the search keyword in its description and title. And together with the list of tools, the Market Place will also display the list of projects which contains the search keyword in its title and description, and a list of contacts that is associated with the tools and projects in the search results.

In addition, the user can refine the search results by removing any lines of the results through the clicking of the blue button located at the right of each result item.

To save the search, the user can generate them in PDF formats by clicking on the red button located at the top right (above the 'Tool List') and bottom right (below the 'Contact List'). The resultant PDFs of the search results are shown below.

Figure 10 – Web Interface of ENCIRCLE Dynamic Catalogue (Market Place)

### Encircle

| Tool details | Name | Subtitle | Organizations | UnSelect |
|---|---|---|---|---|
| 350 | Training Combat Suit | Combat training suit must only be used for instruction or training purposes. | Ouvry SAS | |
| 76 | Criteria for suitable temporary waste storage facilities (guidelines) | Guidance Document to identify criteria for the suitable temporary waste storage facilities | Bruhn NewTech A/S | |
| 61 | I-HDS | Heavy Duty CBRN Protective Suit | BLÜCHER GMBH | |

### Encircle

| Project details | Acronym | Signification | Organization | UnSelect |
|---|---|---|---|---|
| 49 | NATO RADIAL FILTER - AEP54 | CBRN Filter to suit UK surface ship collective protection in accordance with NATO specification AEP54 | EMCEL FILTERS LIMITED | |

Figure 11 – PDFs Search Results of ENCIRCLE Dynamic Catalogue (Market Place)

# 4   ENCIRCLE SCHEDULLED EDITIONS AND UPDATES

All the proposed functions of the catalogue have been implemented. Updates to the existing functionalities will be further explored through feedbacks from the users and the consortium partners.

In addition, ENCIRCLE is now exploring the possibilities to implement interoperability between other platforms (e.g. Stair4Security, NO-FEAR).