



CBRN-Analysis NG - Vision

Continuous Improvement Working Group (CIWG) 5th / 6th November 2025

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CEO

CONTENT



Background

Market demand

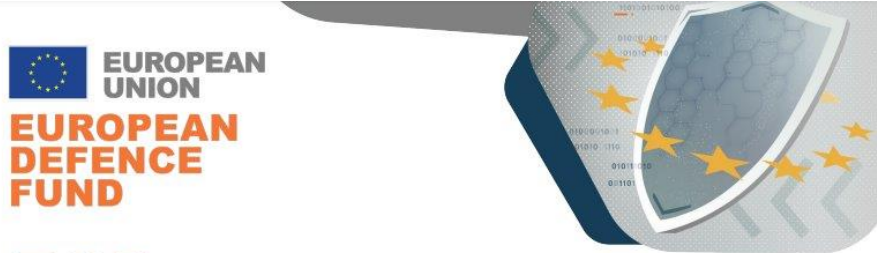
Target

Our vision for NG

How to integrate external tools

Market demand

- CBRN will become a functional service that can be part of wider C4 systems



EUROPEAN UNION
EUROPEAN DEFENCE FUND

EC2
European Command and Control System

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

SHORT DESCRIPTION OF THE PROJECT:
EC2 will create a single access point for command and control, contributing to operational capabilities.

EC2 project will be a continuation of EDIDP project on command and control, ESC2. It will be a critical enabler for operations and missions under the Common Security and Defence Policy (CSDP), providing the EU with a multi-domain command and control solution. The system will allow to centralise all operational capabilities in a single access point. The project will cover study, design, system prototyping and testing actions. It will ensure interoperability with all government actors.
Related PESCO project: EUMILCOM

HQ Supreme Allied Commander Transformation
RFI-ACT-SACT-23-36
Headquarters Supreme Allied Commander Transformation
Norfolk, Virginia

REQUEST FOR INFORMATION
RFI-ACT-SACT-23-36



This document contains a Request for Information (RFI) Call for Nations, Industry and Academia input to provide elements of NATO's

Chemical, Biological, Radiological and Nuclear Functional Service

EC2



- Future European Command and Control
- Won as European Defense Fund (EDF) project in 2023, started in 2024
- Bruhn NewTech provides CBRN functional service for EC2
- System is browser-based and allow data sharing
- Prototype ready in 2026

NATO, CBRN FS, status

REQUEST FOR INFORMATION

RFI-ACT-SACT-23-36



- CBRN FS is the next generation NATO CBRN system
- Allied Command Operations (ACO) has defined operational requirements
- Allied Command Transformation (ACT) has written capability package (still not approved at NATO HQ)
- Next step expected to be NCIA evaluation of systems
- Initial Operating Capability (IOC) Planned for 2029
- Full Operating Capability (FOC) planned for 2030

NATO, CBRN FS, content

REQUEST FOR INFORMATION

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- Expected to be browser-based and data sharing
- Based on NATO infrastructure (In Command Structure)
 - NATO Systems that need CBRN will use CBRN FS, e.g. NCOP...
 - CBRN FS will use security, GIS, Intel, units etc. from other functional services
- We envisage a spill-over of capability to CBRN-Analysis

National projects

- Similar requirements are expected nationally
- Danish Brigade will be browser-based and multi-user
- UK system (PENTINE) expected in the 2030+ timeframe

CONTENT

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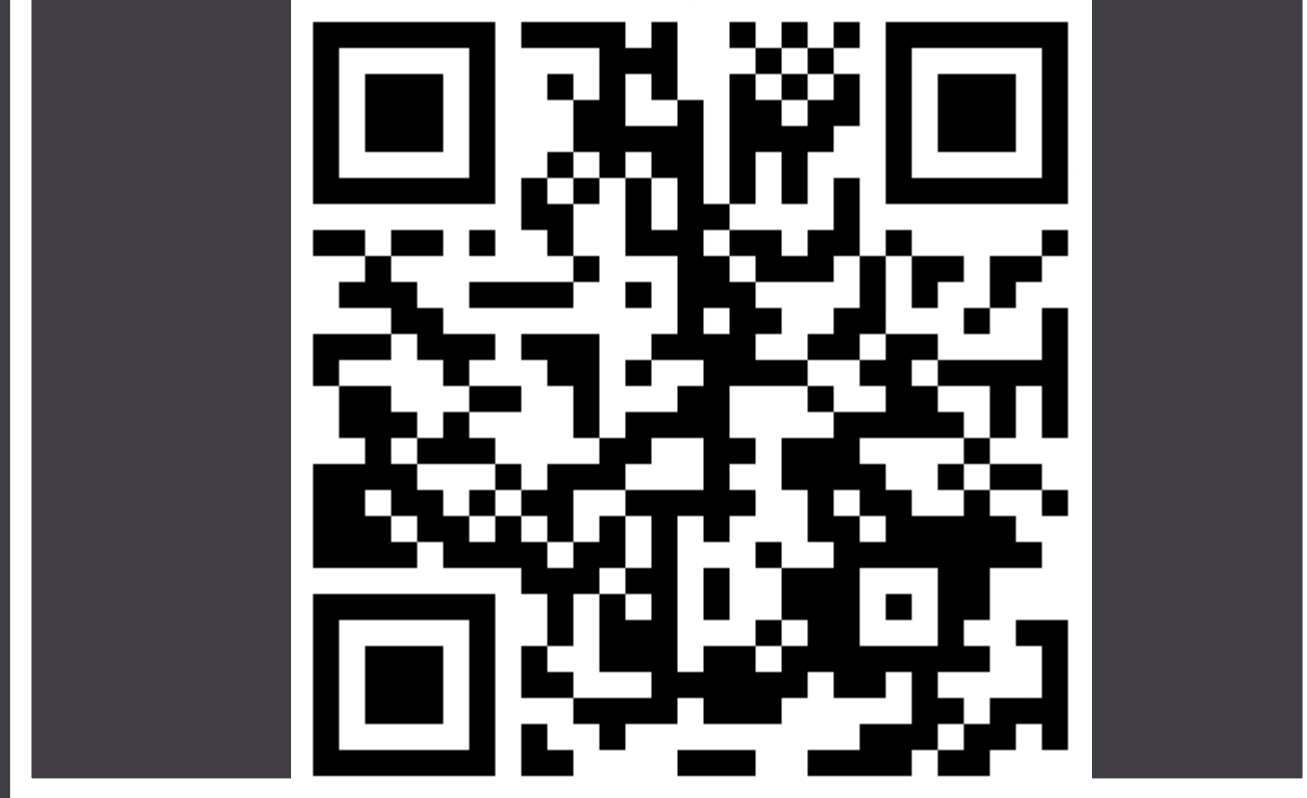
How to integrate external tools

Vision

- Server-based or locally hosted must both be possible
- Operation while off comms must be possible
- Browser-based user interface
 - Ease of use
 - Light logistic footprint (incl. security)

Vision

- Multi-user data handling
 - Shared data within groups of users (e.g. HQ)
 - Replication of data between groups
 - MTF communication externally only
 - Data sharing based on NATO standards, e.g. NCDF
- Able to use host system services



QUESTIONS



THANK YOU



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