

LAND

(FR) Counter Battery Sensors (CoBaS)

(Established in May 2023)

For Public Release

PROJECT DESCRIPTION

The quantitative and qualitative strengthening of indirect fire capabilities worldwide and the war in Ukraine reassert the importance of artillery and counter-artillery in future conflicts. Because artillery is responsible for 70% of the losses in combat, the ability to neutralize enemy artillery capacities is vital to ensure the survivability of land armed forces. Counter-Battery is in this view a significant capacity to achieve this goal. In the light of these elements, the French Army, as well as other EU members' armies, wishes to renew the target acquisition component of its counter-battery capabilities in order to guarantee its operational superiority thanks to improved sensors (e.g. of current system to renew: Cobra and other innovative sensors).

To do so, the next-generation counter- battery component will rely on an ensemble of target acquisition means, C2, and effectors for aggression. One of the focuses will be the quickness of spotting enemy artillery batteries in the tactical depth.

OBJECTIVES/PRODUCTS

To harmonize the requirements for a future Counter Battery acquisition system among pMS in order to be able to further develop capabilities around 2030-2035 while ensuring interoperability and develop common concepts.

INDICATORS

Project Execution Year (PEY) and Project Completion Year (PCY):



DELIVERABLES ACHIEVED

- High Level Requirements

CRITERIA FOR SUCCESS

- Define a common concept for a next generation counter-battery capability for EU armies (target acquisition, C2, destruction).
- Facilitate future common procurement of means for counter-battery, especially sensors (electromagnetic, optic, others...).
- Provide the MS with up-to-date set of capabilities, benefiting from current and new technologies and adapted to emerging threats that are linked to the performance of new artillery systems.
- Extended use perspectives: depending on the technological possibilities, extension of the capability to detect and spot other assets in the tactical depth (HQs, logistic bases, concentration of troops, electronic warfare...).



FR, NL



FI, DE, EL, HU, IT,
LT, PL, PT, ES, SE



IDEATION
INCUBATION
EXECUTION
CLOSING



**Contribution to
the more binding
commitments**
Yes



**Capability
Perspective**

CDP priority
Ground Combat
Capabilities

CARD references
Artillery, Mortars
& Counter Rocket
Artillery and
Mortar (C-RAM)



**Operational
Viewpoint**

HICG
Indirect Fire
Support
Surface Based Air
and Missile
Defence



EDA support
No