

MARITIME

(DE) Anti-Torpedo Torpedo (ATT)

(Established in May 2023)

For Public Release

PROJECT DESCRIPTION

Naval ships have no protection against attacking torpedoes. So far, only soft kill diversions tools such as jammers and decoys are available, with no guarantee that the torpedo falls for this diversion, re-attacks after the jammers and decoys stopped working or homes in/under the wake. Therefore, a hard kill system that neutralises the attacking torpedo would be the preferred effector solution, called Anti-Torpedo-Torpedo (ATT), but such a system is not developed to the point of production ready design, yet. Therefore, this project aims to bring a developed ATT demonstrator to the production ready design, with a qualified effector and a proven functional chain.

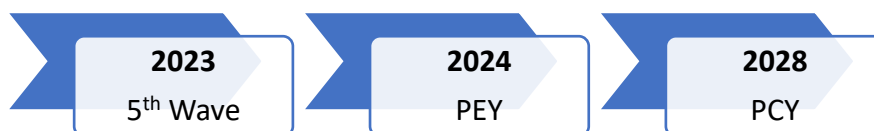
OBJECTIVES/PRODUCTS

The goal of this project is to have a production ready and qualified ATT system that can be integrated into all ships of the project members' fleet. To bring the project to a production ready design the following steps are still outstanding:

- Prove launcher concept.
- Effector qualification and certification according to NATO STANAGs
- Definition of standardized interface from a CMS (combat management system) to the effector
- System integration into a Navy ship, (intended integration into CMS (integration level has to be defined)
- Proof of functional chain from sensor detection, combat system, shot of ATT, detonation ATT up to the neutralisation of the torpedo. (Sea Trials)

INDICATORS

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

**DELIVERABLES ACHIEVED**

- Prototype testing is in progress.

CRITERIA FOR SUCCESS

- Not defined in detail yet. The general criteria will be the successful qualification of the ATT functional chain and the successful ammunition certification of the ATT system.



DE, NL



IT, PL, PT, ES, SE

IDEATION
INCUBATION
EXECUTION
CLOSING**Contribution to
the more binding
commitments**
Yes**Capability
Perspective****CDP priority**
Combat and
Maritime
InterdictionUnderwater and
Seabed WarfareMaritime Domain
Awareness**CARD references**
Ship Protection
Anti-submarine
warfare**Operational
Viewpoint****HICG**
Maritime
Interdiction
Operation
Capability**EDA support**

Yes

Ad hoc Cat.B
support