

LAND

(IT) Armoured Infantry Fighting Vehicle / Amphibious Assault Vehicle / Light Armoured Vehicle (AIFV/AAV/LAV)

(Established in March 2018)

For Public Release

PROJECT DESCRIPTION

The dramatic evolution of operational contexts and the war in Ukraine have highlighted, once again, the centrality of the heavy component as a crucial element of the manoeuvre in a warfighting scenario, thus provoking widespread interest by EU Member States (MS) to renew combat capabilities in view of the progressive obsolescence and ageing of the in-service combat platforms. Specifically, many countries have undertaken individual solutions to meet their needs in the short term, generating an excessive fragmentation of the initiatives that, without a multinational cooperation framework, risk being too ambitious and losing effectiveness.

Therefore, considering that EU MS policies related to the development of the heavy component have many points of convergence, it is paramount to update and harmonize the operational requirement and identify areas of mutual interest to avoid duplication of efforts and, at the same time, increase the interoperability among EU MS Armed Forces by developing a family of next generation armoured infantry fighting vehicle (system of systems approach) and specific subsystems (as desirable outputs) with an high level of commonality with the existing combat vehicles of EU MS.

OBJECTIVES/PRODUCTS

The project aims to develop and build a prototype of an EU Armoured Infantry Fighting Vehicles (AIFV), Amphibious Assault Vehicles (AAV), and Light Armoured Vehicles (LAV), along with related subsystems with outstanding operational effectiveness—able to address new threats and current scenarios by pursuing a medium-term strategy and adopting a system of systems approach. The outcomes of the project contribute to:

- To develop a prototype of Armoured Infantry Fighting Vehicles (AIFV), Amphibious Assault Vehicles (AAV) and Light Armoured Vehicles (LAV) and related subsystems by achieving maximum synergies between both military and industrial capability sides.
- Involve and guide immediately the efforts of the industrial sector towards the development of an AIFV platforms and related subsystems in line with the expectations and needs of the EO MS Armed Forces.
- Focus on the research, development of modular and interchangeable specific subsystems (e.g. APS, C/UAS, UGS) that must be integrable with the current combat platforms and act as a driving force towards the development of technologies to be implemented on the future vehicles.
- Reduce the acquisition and lifecycles costs.
- Reinforce interoperability of EU MS Armed Forces.
- Defence and security interest for EU MS.
- EU Member States resilience and autonomy.
- Establish a horizontal correlation and integration among EU initiatives (EDF and EDA) linked to the AIFV in order to maximize results and efforts.



IT, EL, SK

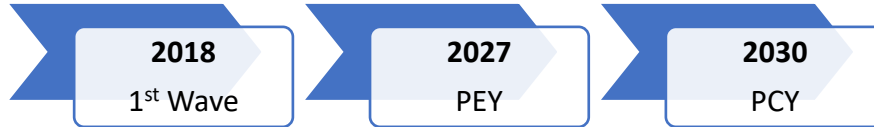


CZ, ES, IE, LT

IDEATION
INCUBATION
EXECUTION
CLOSING**Contribution to
the more binding
commitments**
Yes**Capability
Perspective****EU CDP priority**
Ground Combat
Capabilities**CARD references**
Ground Combat
Capabilities
Main Battle Tanks**Operational
Viewpoint****HICG**
Mountain Light
Infantry**EDA support**
No

INDICATORS

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



DELIVERABLES ACHIEVED

- N/A

CRITERIA FOR SUCCESS

The criteria for success are:

- Identify common areas of interests and harmonize HLR.
- Foster the development of EDF-2024-DA-GROUND-AIFV.
- Stimulate and involve the industry to develop an AIFV prototype.
- Sign a MoU among Project Members.
- Set up a master plan of activities.