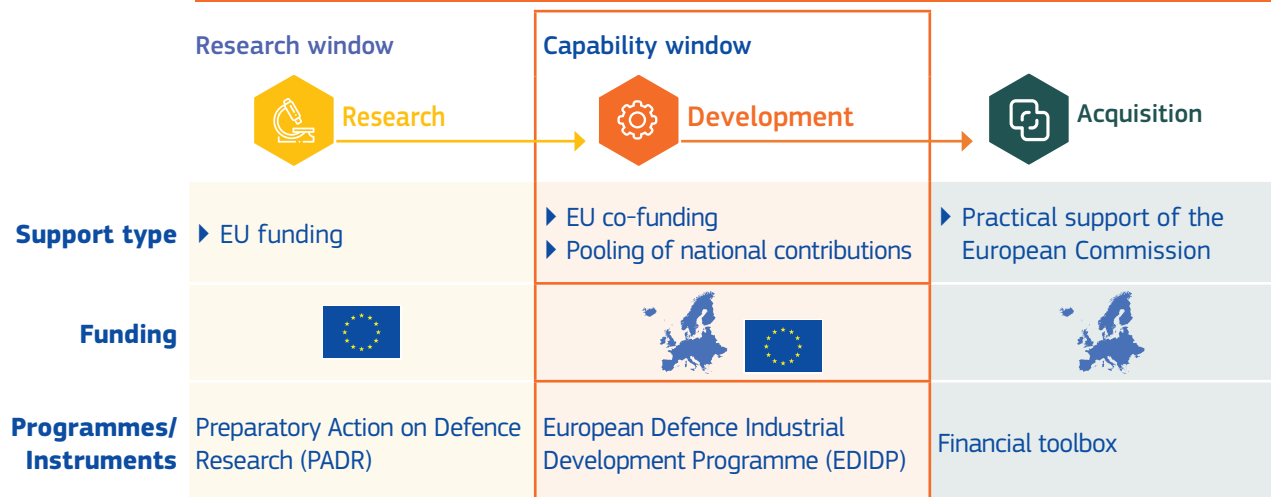




EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME 2020

The European Union allocates €158.3 million to 26 projects to support of defence capabilities, innovation and European defence industry's competitiveness.

The European Defence Industrial Development Programme (EDIDP) is the first ever EU grant programme targeting defence capability development. After a first batch of €200.5 million in 2019 and a second batch of €158.3 million in 2020, EDIDP paves the way for the European Defence Fund.



The Regulation Framework



Regulation

Regulation 2018/1092 of 18 July 2018 establishing the European Defence Industrial Development Programme aiming at supporting the competitiveness and innovation capacity of the Union's defence industry.



Duration

2 years: 2019-2020



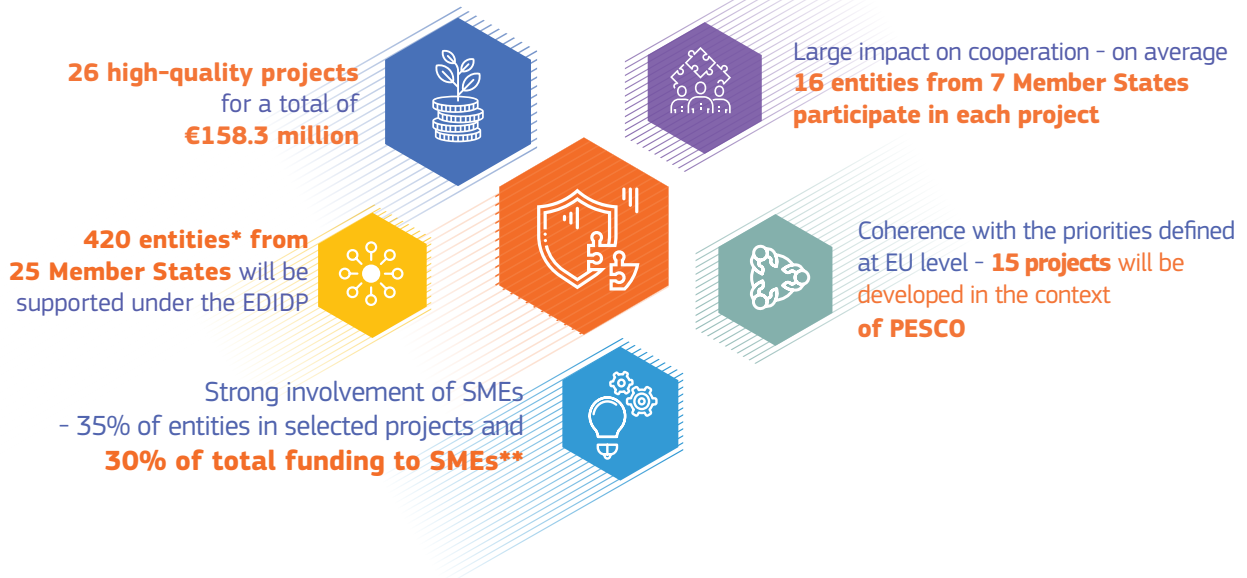
Budget

€500 million for the period 2019-2020

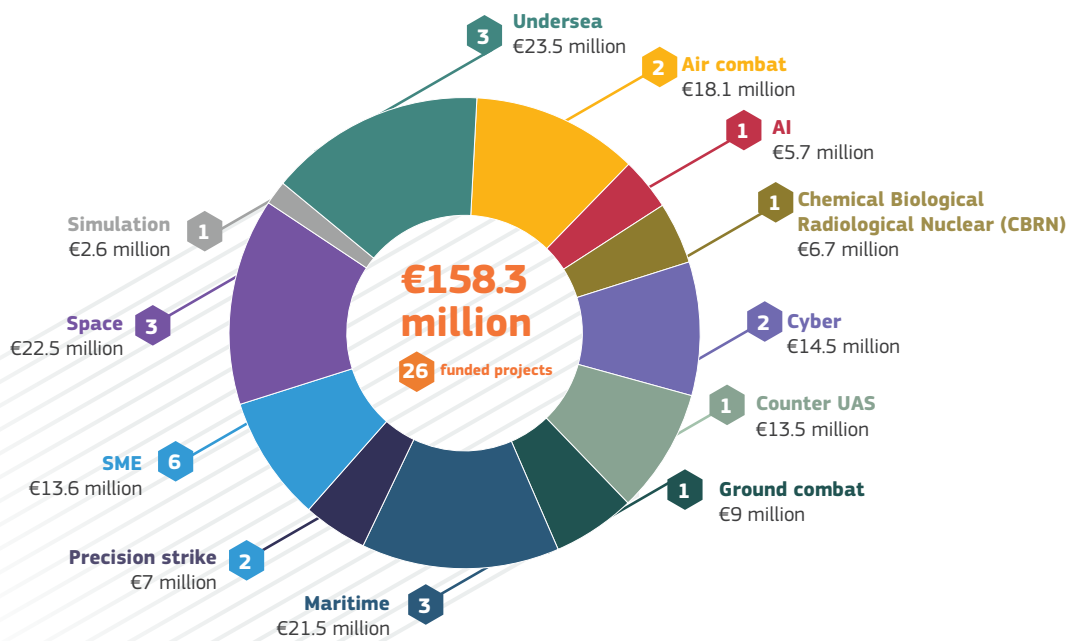


Objectives

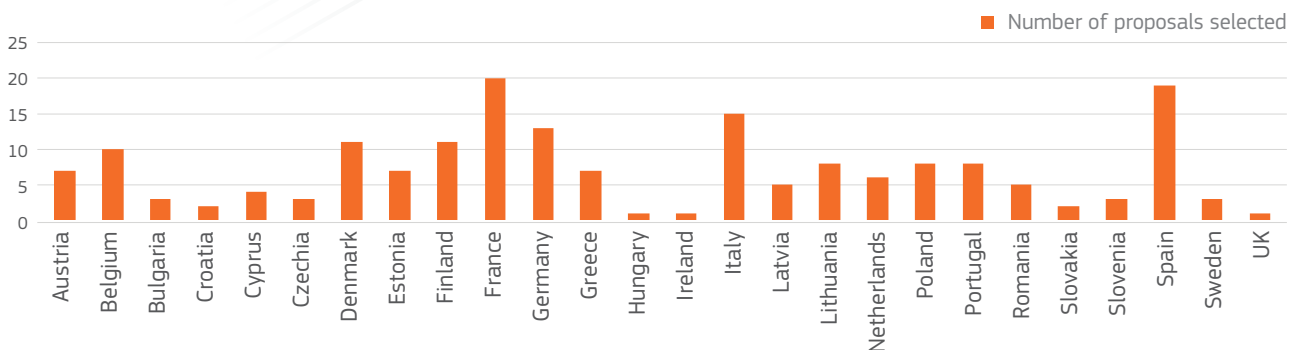
- ▶ to foster competitiveness, efficiency and innovation capacity of the defence industry, and to contribute to the Union's strategic autonomy;
- ▶ to support and leverage the cooperation, including across borders. This cooperation shall be in line with defence capability priorities agreed by MSs;
- ▶ to foster better exploitation of the results of defence research supporting the competitiveness of the European defence industry.



SELECTED PROJECTS BY CATEGORIES (IN GRANT AMOUNT)



NUMBER OF PROPOSALS WITH ENTITIES FROM MEMBER STATES***



* The figures consider multiple participations of the same entity

** Does not include subcontracted tasks

*** UK entities are assimilated to EU entities for EDIDP

The 26 selected projects

15 projects will be developed in the context of Permanent Structured Cooperation - PESCO

Call categories	Project(s) selected	Total Cost € Million
Air combat capabilities	CARMENTA – Future European Self Protection System for Fixed Wing (Transport, Mission) and Rotary Wing (Transport, Combat) airborne platforms – aims to design the next generation of Self Protection System (SPS) for both Fixed and Rotary Wings platforms.	9.7
	MUSHER – Development of a generic European Manned unManned Teaming (e-MUMT) system – aims to improve the European capacity of operating both manned and unmanned aerial platforms. <i>Related PESCO project: EU Collaborative Warfare Capabilities (ECoWAR)</i>	13.7
Chemical Biological Radiological Nuclear (CBRN) detection capabilities and medical countermeasures	CBRN-RSS – Chemical, Biological, Radiological and Nuclear Reconnaissance and Surveillance System – will enable the early detection and reconnaissance of threats for the increased safety of soldiers, first responders and the general population. <i>Related PESCO project: Chemical, Biological, Radiological and Nuclear (CBRN) Surveillance as a Service (CBRN SaaS)</i>	8.3
Counter-Unmanned Air Systems (UASs) capabilities	JEY-CUAS – Joint European sYstem for Countering Unmanned Aerial Systems – will pave the way for the development of a joint European Counter Unmanned Air Systems capability. <i>Related PESCO project: Counter Unmanned Aerial System (C-UAS)</i>	15.0
Cyber situational awareness and defence capabilities, military networks and technologies for secure communication and information sharing	CYBER4DE – Cyber Rapid Response Toolbox for Defence Use – will develop a cyber rapid response toolbox for defence. <i>Related PESCO project: Cyber Rapid Response Teams and Mutual Assistance in Cyber Security</i>	9.7
	DISCRETION – Disruptive SDN secure communications for European Defence – aims at designing and developing an optical software defined network (SDN) solution for secure and resilient communication. <i>Related PESCO project: EU Cyber Academia and Innovation Hub (EU CAIH)</i>	6.7
Defence technologies supported by artificial intelligence	AI4DEF – Artificial Intelligence for Defence – will demonstrate the benefits of AI for better situation awareness, decision-making and planning.	7.1
Ground combat capabilities	FAMOUS – European Future Highly Mobile Augmented Armoured Systems – will optimize synergies, standardization and interoperability capabilities in relation to land armoured vehicles.	9.9
Innovative and future-oriented defence solutions	ALTISS – Autonomous Light Intelligence & Surveillance System = Highly Automated Swarm of Affordable ISR Long Endurance UAVs for force protection – aims to develop an automated swarm of affordable, long-endurance UAVs for Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISR/ISTAR), for improved force protection. <i>Related PESCO projects: 1. EU Collaborative Warfare Capabilities (ECoWAR); 2. Upgrade of Maritime Surveillance</i>	3.0
	FIIST – Future Integrated Indoor Soldier Training – aims to develop simulation solutions to train soldiers, using digital weapons and simulators of fighting vehicles.	2.0
	P2P-FSO – Platform to Platform - Free Space Optical link – will develop an innovative communication system to transmit information securely and at very high speed using laser light.	2.6
	SIGNAL – Photonics-bAsed SIGINT payload fOr Class II RPAS – aims to develop innovative payload to improve resilience in complex and/or saturated electromagnetic environments to be installed in small flexible platforms such as tactical drones.	3.1
	TRANSFLYTOR – Troop Transportation Flying Vector – aims to design a high-speed vessel equipped with retractable hydrofoil systems for rapid military interventions at sea.	2.1
	VireTS – Development of Virtual Reality Trauma Simulator for distributed multi-national team training to improve cooperation between European military medical personnel in major incident scenarios – will develop an innovative medical emergency simulation environment in which life-like trauma scenarios can be generated to train medical-decision skills of military medical personnel.	2.8

Call categories	Project(s) selected	Total Cost € Million
Maritime surveillance capabilities	NEMOS – Novel Earth and Maritime Observation Satellite – will study and design a novel satellite for near-real time Earth and Maritime surveillance.	4.0
	PADIC – Passive Acquisition by Digital Convergence – will develop a coastal radar network system in an open architecture, based on passive sensors and digital convergence. <i>Related PESCO project: Harbour & Maritime Surveillance and Protection (HARMSPRO)</i>	5.9
	USSPS – Development of Unmanned Semi-fixed Sea Platforms for Maritime Surveillance – will develop a system to improve Maritime Surveillance by exploiting unmanned semi-fixed platforms at sea.	19.5
Simulation and virtualisation tools and equipment for training, exercises, system design, development and integration, testing and validation	VERTiGo – Virtual Enhanced Reality for inTeroperable training of CBRN military and civilian Operators – will develop a simulation platform for military CBRN training, which integrates a Virtual Reality headset and a CBRN mask for enhanced realism. <i>Related PESCO project: Chemical, Biological, Radiological and Nuclear (CBRN) Defence Training Range (CBRNDTR)</i>	2.7
Space Situational Awareness (SSA) and early warning capabilities	INTEGRAL – Innovative and iNteroperable Technologies for spacE Global Recognition and Alert – will contribute to the development of a Recognized Space Picture and a space intelligence capability, based on functions and services deployed through a European military SSA Command and Control system. <i>Related PESCO project: European Military Space Surveillance Awareness Network (EU-SSA-N)</i>	8.4
	ODIN'S EYE – multinatiOnal Development INitiative for a Space-based missilE early-warning architecturE – will set the basis for the development of an autonomous European early warning capability supporting defence against ballistic missiles and novel hypersonic threats.	7.8
	SAURON – Sensors for Advanced Usage & Reconnaissance of Outerspace situation – aims to develop advanced sensors for identifying and characterising space objects based on smart combining of data obtained from ground and space-based sensors. <i>Related PESCO project: European Military Space Surveillance Awareness Network (EU-SSA-N)</i>	8.2
Underwater control contributing to resilience at sea	CUIS – Comprehensive Underwater Intervention Information System – will develop underwater technologies for the physical support and the recovery of military divers. <i>Related PESCO project: 1. Deployable Modular Underwater Intervention Capability Package (DIVEPACK); 2. European Union Network of Diving Centres (EUNDC)</i>	5.7
	MIRICLE – Mine Risk Clearance for Europe – will develop an innovative counter naval mine warfare solution. <i>Related PESCO project: Maritime (semi-) Autonomous Systems for Mine Countermeasures (MAS MCM)</i>	9.8
	SEANICE – antiSubmarine warfare European Autonomous Networked Innovative and Collaborative Environment – will develop a next generation antisubmarine warfare system based on manned-unmanned platforms teaming. <i>Related PESCO project: Maritime Unmanned Anti-Submarine System (MUSAS)</i>	11.6
Upgrade of current and development of next generation ground-based precision strike capabilities	FIRES – Future Indirect fIRES European Solution – will start the development of next generation 155 mm artillery projectiles and rockets based on common technological solutions. <i>Related PESCO projects: 1. Materials and components for technological EU competitiveness (MAC-EU); 2. Indirect Fire Support (EuroArtillery)</i>	3.5
	e-COLORSS – European COmmon LOnG Range indirect fire Support System – will prepare the ground for an improved European artillery system with a 155 mm cannon and rocket launcher mounted on a hybrid truck platform. <i>Related PESCO project: Indirect Fire Support (EuroArtillery)</i>	3.5