Permanent Structured Cooperation (PESCO)'s projects - Overview

Project and countries	Description	Press contact
participating		
	TRAINING, FACILITIES	
European Union Training	The European Union Training Mission Competence Centre (EU TMCC) will	Sebastian FISCHER
Mission Competence Centre (EU	improve the availability, interoperability, specific skills and professionalism of	Spokesperson of the
TMCC)	personnel employed to staff positions at strategic or operational level for EU	Permanent Representation of
Germany, Czech Republic,	training missions across participating Member States.	Germany
Ireland, Spain, France, Italy,	It will support pMS with coordination of commonly organized, harmonized and	sebastian.fischer@diplo.de
Luxembourg, Netherlands,	standardized education for military personnel to become employed to staff	
Portugal, Austria, Romania,	positions within EU TMs as well as personnel on strategic levels (MoDs or other	
Sweden	high level structures). The EU TMCC will provide pMS with consistent	
Adopted on 6 March 2018	information and data sharing, knowledge management and consultation with	
	regard to past, on-going and future EU TMs and as far as appropriate with regard	
	to personnel educated for and experienced in EU TMs.	
	The EU TMCC should as well contribute to standardized assessment and	
	management of expertise and knowledge related to EU TMs based on own	
	Operational Assessment/Operational Research (OA/OR) and lessons	
	identified/learnt.	
European Training Certification	The European Training Certification Centre for European Armies aims to	Davide BONVICINI
Centre for European Armies	promote the standardisation of procedures among European Armies and enable	Spokesperson of the
Italy, Greece	the staff, up to Division level, to practice the entire spectrum of the command and	Permanent Representation of

Adopted on 6 March 2018	control (C2) functions at land, joint and interagency levels in a simulated training	Italy
	environment.	davide.bonvicini@esteri.it
	The Centre will ensure that soldiers and civilian employees will work together in	
	a simulated training environment with scenarios such as "Humanitarian	
	Assistance" and "Support to Stabilization and Capacity Building" and eventually	
	contribute to ensure that corporate experience and knowledge is consolidated,	
	shared and made available to plan and conduct CSDP missions and operations.	
Helicopter Hot and High Training	The project aims to provide EU's Helicopter Aircrews with specialized flight and	Dimitrios BAKOULIS
(H3 Training)	tactics training within a "Hot-and-High" environment against new, transnational	Spokesperson of the
Greece, Italy, Romania	and multidimensional threats. Moreover, it provides a unique venue for	Permanent Representation of
Adopted on 19 November 2018	additional training and evaluation of aircrews. It is eligible not only for military	Greece
	crews but also for EU civil aircrews, in order to cover peacetime operations such	dbakoulis@gpo.be
	us forest fight firing and police air patrols, in high altitude areas.	
Joint EU Intelligence School	The JEIS, in collaboration with member states, NATO CoEs, Intelligence and	Dimitrios BAKOULIS
Greece, Cyprus	Security Services, will provide education and training in intelligence disciplines	Spokesperson of the
Adopted on 19 November 2018	and other specific fields to EU member states intelligence personnel.	Permanent Representation of
		Greece
		dbakoulis@gpo.be
EU Test and Evaluation Centres	Sweden and France will co-lead the PESCO project on Test & Evaluation (T&E),	Mathilde FELIX-PAGANON
France, Sweden, Spain, Slovakia	comprising two work strands:	Spokesperson of the
Adopted on 19 November 2018	• ETEC Vidsel, which is a proposed European Cooperation in advanced T&E for	Permanent Representation of
	military systems and;	France
	• T&E centres network, which will promote the EU test and operational	mathilde.felix-

evaluation center capabiliti	es, ensuring that they are used in priority for EU <u>paganon@diplomatie.gouv.</u>	fr
supported projects.		
This project will allow to h	ighlight synergies, to optimize the use of European	
centers, and overall improv	e European test capacities and capabilities.	

LAND, FORMATIONS, SYSTEMS		
Deployable Military Disaster	The Deployable Military Disaster Relief Capability Package will deliver a multi-	Davide BONVICINI
Relief Capability Package	national specialist military package for the assistance to EU and other States,	Spokesperson of the
Italy, Greece, Spain, Croatia,	which can be deployed within both EU-led and non EU-led operations. The new	Permanent Representation of
Austria	EU capability will manage a range of emergencies including natural disasters, civil	Italy
Adopted on 6 March 2018	emergencies, and pandemics.	davide.bonvicini@esteri.it
	The project aims to include the establishment of a new EU Disaster Relief Training	
	Centre of Excellence, and ultimately a Disaster Relief Deployable Headquarters.	
Armoured Infantry Fighting	The project will develop and build a prototype European Armoured Infantry	Davide BONVICINI
Vehicle / Amphibious Assault	Fighting Vehicle / Amphibious Assault Vehicle / Light Armoured Vehicle.	Spokesperson of the
Vehicle / Light Armoured	The vehicles would be based on a common platform and would support fast	Permanent Representation
Vehicle	deployment manoeuvre, reconnaissance, combat support, logistics support,	of Italy
Italy, Greece, Slovakia	command and control, and medical support. These new vehicles will also	davide.bonvicini@esteri.it
Adopted on 6 March 2018	strengthen the EU CSPD ensuring, at the same time, the interoperability among	
	European armies.	
Indirect Fire Support	The Indirect Fire Support (EuroArtillery) will develop a mobile precision artillery	Janka NAGYOVA
(EuroArtillery)	platform, which would contribute to the EU's combat capability requirement in	Spokesperson of the
Slovakia, Italy, Hungary	military operations.	Permanent Representation of
Adopted on 6 March 2018	This platform is expected to include land battle decisive ammunition, non-lethal	Slovakia
	ammunition, and a common fire control system for improving coordination and	Janka.Nagyova@mzv.sk
	interoperability in multi-national operations. This project aims at procuring a new	
	capability / platform of a key mission component for land forces in the short to	
	mid-term.	

EUFOR Crisis Response	The EUFOR Crisis Response Operation Core (EUFOR CROC) will decisively	Sebastian FISCHER
Operation Core (EUFOR CROC)	contribute to the creation of a coherent full spectrum force package, which could	Spokesperson of the
Germany, Spain, France, Italy,	accelerate the provision of forces.	Permanent Representation
Cyprus	EUFOR CORC will improve the crisis management capabilities of the EU by	of Germany
Adopted on 6 March 2018	enhancing the force generation preparedness, willingness and commitment of EU	sebastian.fischer@diplo.de
	Member States to act and engage in operations and missions. It should fill in	
	progressively the gap between the EU Battlegroups and the highest level of	
	ambition within the EU Global Strategy.	
	During phase 1 an implementation study has been worked out by the project team.	
	This study has recently been approved by the defense ministers of the project	
	nations and will officially be published in the EUMC in May 2019.	
Integrated Unmanned Ground	The objective is to develop a Modular Unmanned Ground System with the	Marika POST
System (UGS)	following capabilities: • Multi-mission capable platform to carry different payloads	Spokesperson of the
Estonia, Belgium, Czechia, Spain,	(transport, ISR, tethered UAV etc.) and sensors,	Permanent Representation
France, Latvia, Hungary,	Cyber secure autonomous navigation capability for route and mission planning	of Estonia
Netherlands, Poland, Finland	with different options for manned-unmanned teaming	marika.post@mfa.ee
Adopted on 19 November 2018	EW resilient Command & Control interface capable of swarming and	
	interoperable with existing C4 systems	
EU Beyond Line Of Sight	The project aims at developing an EU new generation medium range BLOS Land	Mathilde FELIX-
(BLOS) Land Battlefield Missile	Battlefield missile systems family. The output is intended to be integrated on an	PAGANON
Systems	extensive variety of platforms (ground-to-ground and air-to-ground) and to provide	Spokesperson of the
France, Belgium, Cyprus	integrated and autonomous target designation capability. The project includes joint	Permanent Representation
Adopted on 19 November 2018	training and formation aspects. Dedicated "users' club" is envisioned develop a	of France

common European doctrine on BLOS firing."	mathilde.felix-
	paganon@diplomatie.gouv.fr

MARITIME		
Maritime (semi-) Autonomous	The Maritime (semi-) Autonomous Systems for Mine Countermeasures (MAS	Stephanie ROSSION
Systems for Mine Countermeasures	MCM) will deliver a world-class mix of (semi-) autonomous underwater, surface	Spokesperson of the
(MAS MCM)	and aerial technologies for maritime mine countermeasures. The project will	Permanent Representation
Belgium, Greece, Latvia,	enable Member States to protect maritime vessels, harbours and off shore	of Belgium
Netherlands, Poland, Portugal,	installations, and to safeguard freedom of navigation on maritime trading routes.	stephanie.rossion@diplobel.
Romania	The development of autonomous vehicles, using cutting-edge technology and an	<u>fed.be</u>
Adopted on 6 March 2018	open architecture, adopting a modular set up, will contribute significantly to the	
	EU's maritime security by helping to counter the threat of sea mines.	
Harbour & Maritime Surveillance	The Harbour & Maritime Surveillance and Protection (HARMSPRO) will deliver	Davide BONVICINI
and Protection (HARMSPRO)	a new maritime capability which will provide Member States with the ability to	Spokesperson of the
Italy, Greece, Poland, Portugal	conduct surveillance and protection of specified maritime areas, from harbours	Permanent Representation
Adopted on 6 March 2018	up to littoral waters, including sea line of communications and choke points, in	of Italy
	order to obtain security and safety of maritime traffic and structures. It will	davide.bonvicini@esteri.it
	deliver an integrated system of maritime sensors, software and platforms	
	(surface, underwater and aerial vehicles), which fuse and process data, to aid the	
	detection and identification of a range of potential maritime threats. The project	
	will also deliver a command and control function for the deployable system,	
	which could operate in harbours, coastal areas and the littoral environment.	

Upgrade of Maritime Surveillance	The project on Upgrade of Maritime Surveillance will integrate land-based	Dimitrios BAKOULIS
Greece, Bulgaria, Ireland, Spain,	surveillance systems, maritime and air platforms in order to distribute real-time	Spokesperson of the
Croatia, Italy, Cyprus	information to Member States, so as to provide timely and effective response in	Permanent Representation
Adopted on 6 March 2018	the international waters. The main objective of the program is to enhance the	of Greece
	Maritime Surveillance, Situational Awareness and potential Response	dbakoulis@gpo.be
	Effectiveness of the EU, by using the existing infrastructure, deploying assets and	
	developing related capabilities in the future. It aims to address timely and	
	effectively new and old threats and challenges (such as energy security,	
	environmental challenges, security and defence aspects); thus ensuring accurate	
	Awareness and Rapid Response, so as to contribute to the protection of the EU	
	and its citizens.	
Deployable Modular Underwater	The project aims at developing an interoperable specialized modular asset for full	Genoveva
Intervention Capability Package	spectrum defensive underwater intervention operations in expeditionary setting.	CHERVENAKOVA
(DIVEPACK)	The DIVEPACK unit will integrate a wide range of diving and Unmanned	Spokesperson of the
Bulgaria, Greece, France	Underwater Vehicles materiel, operated by qualified personnel, in a	Permanent Representation
Adopted on 19 November 2018	comprehensive capability package. Its mission tailorable open architecture "plug-	of Bulgaria
	and-play" concept will facilitate the versatility of response in the framework of	genoveva.chervenakova@b
	EU CSDP operations and will provide a quick reaction capability, applicable to a	g-permrep.eu
	broad range of underwater scenarios, both at sea and in inland bodies of water,	
	short of Special Forces missions.	

AIR, SYSTEMS		
European Medium Altitude Long	The project focuses on common elements in dedicated areas (e.g. operational	Sebastian FISCHER
Endurance Remotely Piloted	testing & evaluation, logistics, training, exercises) of a newly developed,	Spokesperson of the
Aircraft Systems – MALE RPAS	operationally relevant, affordable and sovereign European military capability	Permanent Representation of
(Eurodrone)	for the next-generation of MALE RPAS, providing, by 2025, enhanced overall	Germany
Germany, Czech Republic, Spain,	value compared to existing systems.	sebastian.fischer@diplo.de
France, Italy		
Adopted on 19 November 2018		
European Attack Helicopters	The objective of this project is to improve significantly the TIGER global	Mathilde FELIX-PAGANON
TIGER Mark III	efficiency through a consistent upgrade of its detection, aggression and	Spokesperson of the
France, Germany, Spain	communication capabilities to develop a modernised, innovative and life-time	Permanent Representation of
Adopted on 19 November 2018	extended European attack helicopter.	France
		mathilde.felix-
		paganon@diplomatie.gouv.fr
Counter Unmanned Aerial System	The aim is to develop an advanced and efficient system of systems with C2	Davide BONVICINI
(C-UAS)	dedicated architecture, modular, integrated and interoperable with C2 info-	Spokesperson of the
Italy, Czechia	structure, able to counter the threat posed by mini and micro Unmanned Aerial	Permanent Representation of
Adopted on 19 November 2018	Systems. The system will be swift to deploy and reach operational status, to	Italy
	ensure protection to our troops in operational theatres, as well as employed for	davide.bonvicini@esteri.it
	homeland defence, security and dual use tasks. The project will fulfil applicable	
	certification and regulatory requirements, to allow homeland employment.	

CYBER, C4ISR		
European Secure Software defined	The European Secure Software Defined Radio aims to develop common	Mathilde FELIX-PAGANON
Radio (ESSOR)	technologies for European military radios. The adoption of these technologies	Spokesperson of the
France, Belgium, Germany, Spain,	as a standard will guarantee the interoperability of EU forces in the framework	Permanent Representation of
Italy, Netherlands, Poland,	of joint operations, regardless which radio platforms are used, thereby	France
Portugal, Finland	reinforcing the European strategic autonomy.	mathilde.felix-
Adopted on 6 March 2018	The European Secure Software Defined Radio project will provide a secure	paganon@diplomatie.gouv.fr
	military communications system, improving voice and data communication	
	between EU forces on a variety of platforms.	
Cyber Threats and Incident	Cyber Threats and Incident Response Information Sharing Platform will	Dimitrios BAKOULIS
Response Information Sharing	develop more active defence measures, potentially moving from firewalls to	Spokesperson of the
Platform	more active measures.	Permanent Representation of
Greece, Spain, Italy, Cyprus,	This project aims to help mitigate these risks by focusing on the sharing of	Greece
Hungary, Austria, Portugal	cyber threat intelligence through a networked Member State platform, with the	dbakoulis@gpo.be
Adopted on 6 March 2018	aim of strengthening nations' cyber defence capabilities.	

Cyber Rapid Response Teams and Mutual Assistance in Cyber Security Lithuania, Estonia, Spain, Croatia, Netherlands, Poland, Romania, Finland Adopted on 7 May 2019	Cyber Rapid Response Teams (CRRTs) will allow the Member States to help each other to ensure a higher level of cyber resilience and collectively respond to cyber incidents. CRRTs could be used to assist other Member States, EU Institutions, CSDP operations as well as partners. CRRTs will be equipped with a commonly developed deployable cyber toolkits designed to detect, recognise and mitigate cyber threats. Teams would be able to assist with training, vulnerability assessments and other requested support. Cyber Rapid Response Teams would operate by pooling participating Member States experts. During the first year of the project, all participating Member States signed the Declaration of Intent, Political and Legal Memos detailing decision making process have been issued and the first common exercise has been organised. The project has already reached operational capability with the Netherlands being the 1st rotating Member State for 2019 by offering national cyber rapid response team. In 2019, it is foreseen to finish the draft of Memorandum of Understanding,	Viktorija URBONAVICIUTE Spokesperson of the Permanent Representation of Lithuania viktorija. urbonaviciute@eu.mfa.lt
	conduct two cyber exercise (procedural and operational), finalise standing	
Stratagia Command and Control	operating procedures and develop cyber toolkit concept.	Ana Dalan WÁZOUEZ
Strategic Command and Control	The project aims to improve the command and control systems of EU missions	Ana Belen VÁZQUEZ GONZÁLEZ
(C2) System for CSDP Missions	and operations at the strategic level. Once implemented, the project will enhance	
and Operations	the military decision-making process, improve the planning and conduct of	Spokesperson of the Permanent
Spain, France, Germany, Italy,	missions, and the coordination of EU forces.	Representation of Spain
Portugal	The Strategic Command and Control (C2) System for CSDP Missions will	ana-
Adopted on 6 March 2018	connect users by delivering information systems and decision-making support	belen.vazquez@reper.maec.es

tools that will assist strategic commanders carry out their missions.	
Integration of information systems would include intelligence, surveillance,	
command and control, and logistics systems.	

European High Atmosphere	The project aims at developing cost-efficient and innovative ISR platform	Davide BONVICINI
Airship Platform (EHAAP) –	(balloon based) that will provide persistence in the area of operations and a high	Spokesperson of the Permanent
Persistent Intelligence,	degree of freedom of movement derived from its operating altitude and	Representation of Italy
Surveillance and Reconnaissance	outstanding Dual Use characteristics.	davide.bonvicini@esteri.it
(ISR) Capability		
Italy, France		
Adopted on 19 November 2018		
One Deployable Special	The project aims at developing and operating a SOCC for Small Joint	Dimitrios BAKOULIS
Operations Forces (SOF) Tactical	Operations (SJO) with SOF (Special Operations Forces) Tactical C2 (Command	Spokesperson of the Permanent
Command and Control (C2)	and Control) capabilities with Full Operational Capability (FOC) foreseen in	Representation of Greece
Command Post (CP) for Small	2024. A joint interoperable C2 capability will be available for integration in	dbakoulis@gpo.be
Joint Operations (SJO) – (SOCC)	CSDP, as described in NIP 2018, and NATO.	
for SJO		
Greece, Cyprus		
Adopted on 19 November 2018		
Electronic Warfare Capability and	The primary objective of the project is to produce a comprehensive feasibility	Petr JANOUŠEK
Interoperability Programme for	study of the existing EU electronic warfare (EW) capabilities and the gaps that	Spokesperson of the Permanent
Future Joint Intelligence,	need to be filled. The findings of the feasibility study should potentially lead to	Representation of the Czech
Surveillance and Reconnaissance	the adoption of joint EW concept of operations (CONOPS). The CONOPS	Republic
(JISR) Cooperation	might include joint training of EW experts and, if agreed upon by the MS, the	Petr_Janousek@mzv.cz
Czechia, Germany.	establishment of a joint EW unit.	
Adopted on 19 November 2018		

ENABLING, JOINT		
European Medical Command	The European Medical Command (EMC) will provide the EU with an enduring	Sebastian FISCHER
Belgium, Germany, Czech	medical capability to coordinate military medical resources.	Spokesperson of the Permanent
Republic, Spain, France, Italy,	It will ensure efficient joint EU management of scarce European medical	Representation of Germany
Netherlands, Romania, Slovakia,	services (planning, management and coordination unit).	sebastian.fischer@diplo.de
Sweden	It will create a common operational medical picture, enhance the procurement	
Adopted on 6 March 2018	of critical medical resources and contribute to harmonising national medical	
	standards, legal (civil) framework conditions and sanitary service principles.	
	The project is expected to make progress on the interoperability and the	
	coherence of health care capabilities in Europe as well as to lay the foundation	
	for effective medical force generation.	

Network of logistic Hubs in Europe	This project is aiming for a multinational network based on existing logistic	Sebastian FISCHER
and support to Operations	capabilities and infrastructure. The goal is to use a network of existing logistic	Spokesperson of the Permanent
Germany, Belgium, Bulgaria,	installations for MN business to prepare equipment for operations, to commonly	Representation of Germany
Greece, Spain, France, Croatia,	use depot space for spare parts or ammunition and to harmonize transport and	sebastian.fischer@diplo.de
Italy, Cyprus, Hungary,	deployment activities. Nations around Europe are going to provide their	
Netherlands, Poland, Slovenia,	capabilities to it so that several logistic hubs will be used. Connected with the	
Slovakia	European Multi Modal Transport Hub, which provides the lines of	
Adopted on 6 March 2018	communication between the multinational hubs, it will grow to an entire	
	network. With respect to possible operations, for the predeployment of materiel,	
	depots and or maintenance facilities of other European countries could be used	
	mutually as well. The network will decrease the reaction time and increase	
	capacities and sustainability for military operations.	
Military Mobility	This project supports Member States' commitment to simplify and standardize	Roy KENKEL
Netherlands, Belgium, Bulgaria,	cross-border military transport procedures in line with the Council conclusions	Spokesperson of the Permanent
Czechia, Germany, Estonia,	of 25 th June 2018. It aims to enable the unhindered movement of military	Representation of the
Greece, Spain, France, Croatia,	personnel and assets within the borders of the EU. This entails avoiding long	Netherlands
Italy, Cyprus, Latvia, Lithuania,	bureaucratic procedures to move through or over EU Member States, be it via	roy.kenkel@minbuza.nl
Luxembourg, Hungary, Austria,	rail, road, air or sea. Issues on which the project is currently focussed are the	
Poland, Portugal, Romania,	sharing of best practises, implementing the deliverables of the FAC-Defence	
Slovenia, Slovakia, Finland,	Council conclusions of 25 th June 2018 and strategic communication.	
Sweden		
Adopted on 6 March 2018		

Energy Operational Function	Based on lessons learnt from recent operations, the project "Energy Operational	Mathilde FELIX-PAGANON
(EOF)	Function" aims at a double objective. On one part, it aims at developing	Spokesperson of the Permanent
France, Belgium, Spain, Italy	together new systems of energy supply for camps deployed in the framework of	Representation of France
Adopted on 6 March 2018	joint operations and for soldier connected devices and equipment. On the other	mathilde.felix-
	part, it aims at ensuring that the energy issue is taken into account from the	paganon@diplomatie.gouv.fr
	conceiving of combat systems to the implementation of the support in	
	operations, and including in the framework of operational planning.	
Chemical, Biological, Radiological	The CBRN Surveillance as a Service (CBRN SaaS) will establish a persistent	Alexander PAIER
and Nuclear (CBRN) Surveillance	and distributed manned-unmanned sensor network consisting of Unmanned	Spokesperson of the Permanent
as a Service (CBRN SaaS)	Aerial System (UAS) and Unmanned Ground Systems (UGS) that will be	Representation of Austria
Austria, France, Croatia, Hungary,	interoperable with legacy systems to provide a Recognized CBRN Picture to	alexander.paier@bmeia.gv.at
Slovenia	augment existing Common Operational Pictures used for EU missions and	
Adopted on 19 November 2018	operations.	
Co-basing	The project aims at improving the sharing of bases and support points operated	Mathilde FELIX-PAGANON
France, Belgium, Czechia,	by project Member States both within Europe and overseas.	Spokesperson of the Permanent
Germany, Spain, Netherlands		Representation of France
Adopted on 19 November 2018		mathilde.felix-
		paganon@diplomatie.gouv.fr

Geospacial, Meteorological and	The objective of this project is to enhance geospacial, meteorological and	Sebastian FISCHER
Oceanographic (GeoMETOC)	oceanographic (GeoMETOC) support for missions and operations by means of	Spokesperson of the Permanent
Support Coordination Element	an architecture that connects and improves significantly the European	Representation of Germany
(GMSCE)	GeoMETOC capabilities through	sebastian.fischer@diplo.de
Germany, Greece, France,	(1) the coordination and enhancement of the GeoMETOC data acquisition	
Romania	including installation of a Geo-Data Infrastructure EU (GDI-EU) (i.e. common	
Adopted on 19 November 2018	procurement of hard- and software, licensing, where appropriate initiating co-	
	production)	
	(2) the harmonisation, coordination and management of joint training content	
	and training,	
	(3) a common policy for GeoMETOC training support,	
	(4) the establishment of virtual training platforms,	
	(5) the development of GeoMETOC Services based on Advanced Analytics	
	and Big Data and	
	(6) the coordination and guidance of GeoMETOC research for military	
	purposes.	

SPACE		
EU Radio Navigation Solution	The project is to promote development of EU military PNT (positioning,	Mathilde FELIX-PAGANON
(EURAS)	navigation and timing) capabilities and future cooperation taking advantage of	Spokesperson of the Permanent
France, Belgium, Germany, Spain,	Galileo and the public regulated service.	Representation of France
Italy		mathilde.felix-
Adopted on 19 November 2018		paganon@diplomatie.gouv.fr
European Military Space	The main scope of this project is to develop an autonomous, sovereign EU	Davide BONVICINI
Surveillance Awareness Network	military SSA capability that is interoperable, integrated and harmonized with	Spokesperson of the Permanent
(EU-SSA-N)	the EU-SST Framework initiative for the protection of European MS Space	Representation of Italy
Italy, France	assets and services. It will also enable appropriate response to natural and	davide.bonvicini@esteri.it
Adopted on 19 November 2018	manmade threats.	