## Permanent Structured Cooperation (PESCO) updated list of PESCO projects - Overview - 19 November 2018

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 (trainers) for EU training missions across participating Member States.	Permanent Representation
Germany, Belgium, Czechia,	It will accelerate the provision for EU training missions due to a higher situational	of Germany
Ireland, Spain, France, Italy,	awareness regarding trained, educated and available personnel for current and future	sebastian.fischer@diplo.de
Luxembourg, Netherlands,	EU training missions by bringing together, train and educate a pool of trainers at the	
Portugal, Austria, Romania,	military strategic and operational level.	
Sweden	EU TMCC will also enhance the standardisation of the expertise and knowledge of	
Adopted on 6 March 2018	EU TMs, including through operational lessons identified/lessons learned.	
European Training Certification	The European Training Certification Centre for European Armies aims to promote	Davide BONVICINI
Centre for European Armies	the standardisation of procedures among European Armies and enable the staff, up	Spokesperson of the
Italy, Greece	to Division level, to practice the entire spectrum of the command and control (C2)	Permanent Representation
Adopted on 6 March 2018	functions at land, joint and interagency levels in a simulated training environment.	of Italy
	The Centre will ensure that soldiers and civilian employees will work together in a	davide.bonvicini@esteri.it
	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 and	Spokesperson of the
Greece, Italy, Romania	multidimensional threats. Moreover, it provides a unique venue for additional	Permanent Representation
Adopted on 19 November 2018	training and evaluation of aircrews. It is eligible not only for military crews but also	of Greece
	for EU civil aircrews, in order to cover peacetime operations such us forest fight	dbakoulis@gpo.be
	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 and	Spokesperson of the
Adopted on 19 November 2018	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-
France, Sweden, Spain, Slovakia	comprising two work strands:	PAGANON
Adopted on 19 November 2018	• ETEC Vidsel, which is a proposed European Cooperation in advanced T&E for	Spokesperson of the
	military systems and;	Permanent Representation
	• T&E centres network, which will promote the EU test and operational evaluation	of France
	center capabilities, ensuring that they are used in priority for EU supported projects.	mathilde.felix-
	This project will allow to highlight synergies, to optimize the use of European	paganon@diplomatie.gouv
	centers, and overall improve European test capacities and capabilities.	<u>.fr</u>

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 19 November 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	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	
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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.	
	In phase 1 the project will start with an implementation study.	
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 underwater autonomous vehicles, using cutting-edge	<u>fed.be</u>
Adopted on 6 March 2018	technology and an 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 objective is a common use of the system in dedicated areas (e.g.	Sebastian FISCHER
Endurance Remotely Piloted	operational testing & evaluation, logistics, training, exercises) of a newly	Spokesperson of the
Aircraft Systems – MALE RPAS	developed, operationally relevant, affordable and sovereign European military	Permanent Representation of
(Eurodrone)	capability for the next-generation of MALE RPAS, providing, by 2025,	Germany
Germany, Czechia, Spain, France,	enhanced overall value compared to existing systems.	sebastian.fischer@diplo.de
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, France, Croatia, Netherlands, Poland, Romania, Finland Adopted on 6 March 2018	Cyber Rapid Response Teams (CRRTs) will allow Member States to help each other to ensure higher level of cyber resilience and to collectively respond to cyber incidents.  Cyber RRTs could be used to assist other Member States and EU Institutions, CSDP operations as well as partner countries.  CRRTs will be equipped with unified Deployable Cyber Toolkits designed to detect, recognise and mitigate cyber threats.  The response teams would be able to assist with training, diagnostics and attribution forensics, and assistance in operations. The aim of this project is to integrate Member State expertise in the field of cyber defence.	Viktorija URBONAVICIUTE Spokesperson of the Permanent Representation of Lithuania viktorija. urbonaviciute@eu.mfa.lt
Strategic Command and Control (C2) System for CSDP Missions and Operations Spain, France, Germany, Italy, Portugal Adopted on 6 March 2018	The project aims to improve the command and control systems of EU missions and operations at the strategic level. Once implemented, the project will enhance the military decision-making process, improve the planning and conduct of missions, and the coordination of EU forces.  The Strategic Command and Control (C2) System for CSDP Missions will connect users by delivering information systems and decision-making support tools that will assist strategic commanders carry out their missions.  Integration of information systems would include intelligence, surveillance, command and control, and logistics systems.	Ana Belen VÁZQUEZ GONZÁLEZ Spokesperson of the Permanent Representation of Spain ana- belen.vazquez@reper.maec.es

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 final goal of the project is the establishment of a joint EW standing force.	Petr JANOUŠEK
Interoperability Programme for	Through the cooperation during the feasibility study, joint EW CONOPS	Spokesperson of the Permanent
Future Joint Intelligence,	development and consequent joint training, we will unify EW approaches and	Representation of the Czech
Surveillance and Reconnaissance	procedures and set fundaments leading to this goal.	Republic
(JISR) Cooperation	This force should be able of seamless joint EW comprehensive operations in	Petr_Janousek@mzv.cz
Czechia, Germany	electromagnetic environment and to support EU battle groups with unique	
Adopted on 19 November 2018	electronic warfare capabilities.	

ENABLING, JOINT		
European Medical Command	The European Medical Command (EMC) will provide the EU with an enduring	Sebastian FISCHER
Germany, Czechia, Spain, France,	medical capability to support missions and operations on the ground.	Spokesperson of the Permanent
Italy, Netherlands, Romania,	The EMC will provide critical medical resources, including a multinational	Representation of Germany
Slovakia, Sweden	medical task force with a rapidly deployable capability for basic primary care.	sebastian.fischer@diplo.de
Adopted on 6 March 2018	The EMC will also provide evacuation facilities, triage and resuscitation,	
	treatment and holding of patients until they can be returned to duty, and	
	emergency dental treatment.	
	The European Medical Command (EMC) will ensure efficient joint EU	
	management of scarce European medical services (planning, management and	
	coordination unit).	
	It will provide 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 (standardisation of concepts,	

training and certification).

Network of logistic Hubs in Europe	The Network of logistic Hubs in Europe and support to Operations will improve	Sebastian FISCHER
and support to Operations	strategic logistic support and force projection in EU Missions and Operations.	Spokesperson of the Permanent
Germany, Belgium, Bulgaria,	It aims at establishing cross-border solutions for more efficient, seamless	Representation of Germany
Greece, Spain, France, Croatia,	military transport/logistics and connection of existing European initiatives	sebastian.fischer@diplo.de
Italy, Cyprus, Hungary,	under one logistic umbrella.	
Netherlands, Poland, Slovenia,	It is expected to enhance logistic planning and movement as well as to deliver	
Slovakia	common standards and procedures, that will greatly improve the EU's and	
Adopted on 6 March 2018	NATO's capability to conduct even the most demanding missions.	
Military Mobility	This project will support Member States' commitment to simplify and	Roy KENKEL
Netherlands, Belgium, Bulgaria,	standardize cross-border military transport procedures. It aims to enhance the	Spokesperson of the Permanent
Czechia, Germany, Estonia,	speed of movement of military forces across Europe.	Representation of the
Greece, Spain, France, Croatia,	It aims to guarantee the unhindered movement of military personnel and assets	Netherlands
Italy, Cyprus, Latvia, Lithuania,	within the borders of the EU. This entails avoiding long bureaucratic procedures	roy.kenkel@minbuza.nl
Luxembourg, Hungary, Austria,	to move through or over EU Member States, be it via rail, road, air or sea.	
Poland, Portugal, Romania,	The project should help to reduce barriers such as legal hurdles to cross-border	
Slovenia, Slovakia, Finland,	movement, lingering bureaucratic requirements (such as passport checks at	
Sweden	some border crossings) and infrastructure problems, like roads and bridges that	
Adopted on 6 March 2018	cannot accommodate large military vehicles.	

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

Geo-meteorological and	The objective of this project is to enhance geo-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 development of GeoMETOC Services based on Advanced Analytics and	
Romania	Big Data,	
Adopted on 19 November 2018	(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 coordination and guidance of GeoMETOC research for military	
	purposes,	
	(6) the coordination and enhancement of the GeoMETOC data acquisition as	
	well as	
	(7) common procurement of hard- and software	

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.		

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