



Možnosti sodelovanja na področju obrambe iz naslova domačih in mednarodnih razpisov

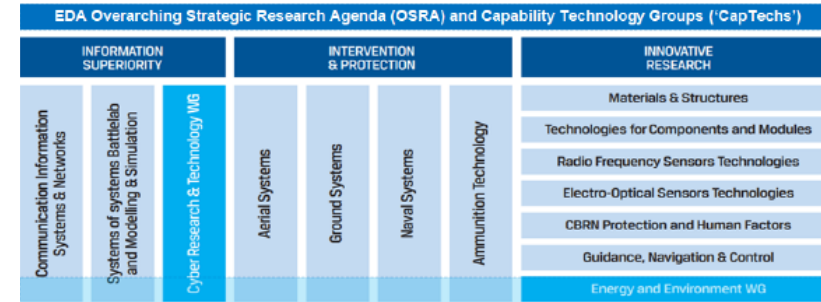
Direktorat za logistiko
polkovnik Robert Šipec



Evropska obrambna agencija



1. CapTech Technologies, Components and Modules
2. CapTech Radio Frequency Sensors Technologies
3. CapTech Electro Optical Sensors Technologies
4. CapTech Communication Information Systems and Networks
5. CapTech Materials and Structures
6. CapTech Missiles and Munitions
7. CapTech Aerial Systems
8. CapTech Ground Systems
9. CapTech Guidance, Navigation and Control
10. CapTech Naval Systems
11. CapTech System of Systems, Battlelab, and Modelling & Simulation
12. CapTech CBRN and Human Factors
13. CapTech Cyber Research & Technology
14. Energy and Environment WG
15. Ad Hoc Working Group Space Defence





CapTech Materials and Structures



The CapTech Materials & Structures covers underpinning technologies on structures and materials. Although there is no generally accepted definition of engineering materials, the Materials CapTech has selected the following material categories as being relevant:

- Signature materials (to deny the enemy detection and identification);
- Energy (specifically batteries, more generally energy harvesting);
- Replacement (to substitute for obsolete/no longer available materials);
- Structural materials;
- Blue sky (emerging materials too immature to naturally place into other categories);
- Manufacturing technology;
- Non-destructive testing;
- In-service performance;
- REACH compliance;
- Surface treatments;
- Modelling;
- Protection (armour).



Cat B projekt AMALIA



The Additive Manufacturing of Metallic Auxetic Structures and Materials for Lightweight Armour

It aims at enhancing the performances of ballistic protections via the implementation of a tailored structure based on auxetic structures and implemented through a specific alloy developed for ballistic application. This alloy will be tailored for additive manufacturing technology



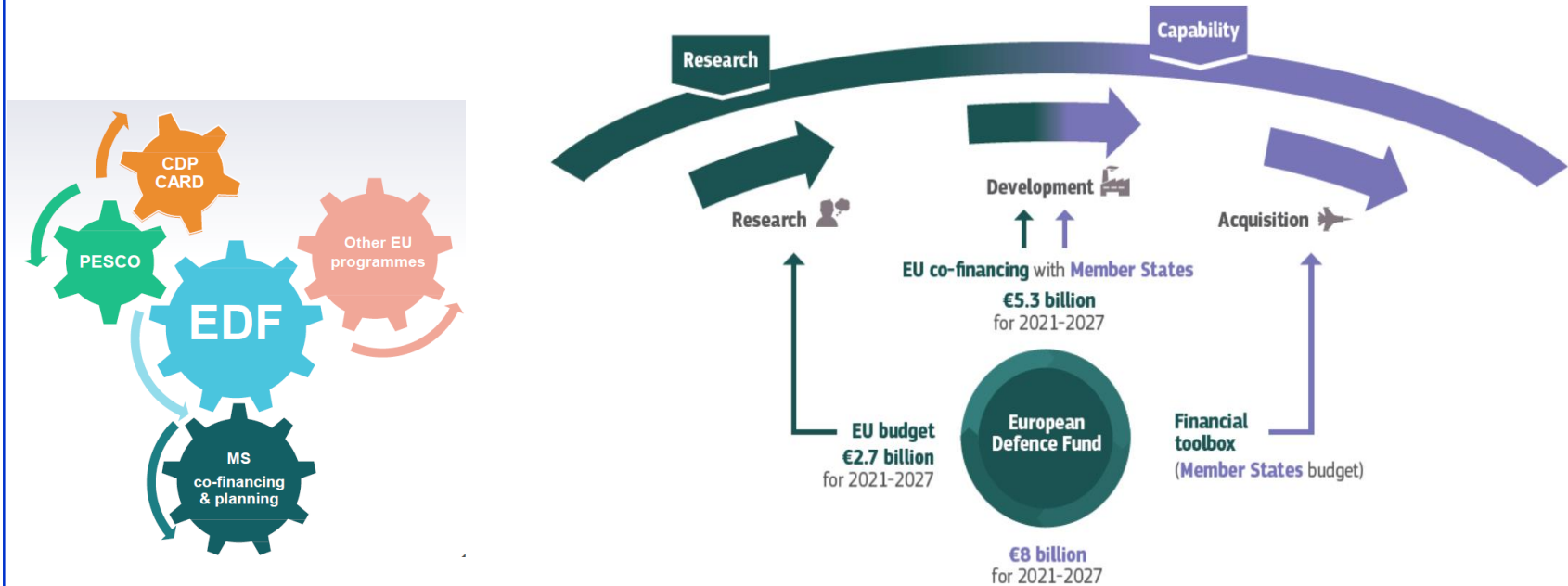
Evropski obrambni sklad - EDF

- Evropski obrambni sklad (EDF) je inštrument za spodbujanje obrambnega sodelovanja med evropskimi državami
- Prvič v zgodovini so zagotovljena sredstva Evropske komisije za obrambne raziskave in razvoj.
- Za varnejšo in bolj konkurenčno Evropo z večjo stopnjo strateške obrambne neodvisnosti





Evropski obrambni sklad - EDF





Evropski obrambni sklad – EDF - 2021

23 razpisov v teku – 1,2 milijard EUR - prijave do 9. decembra

Kategorija	milijoni EUR	Kategorija	milijoni EUR
Medicinsko področje in RKBO	68,5	Zračno bojevanje	160
Informacijska superiornost	70	Zračna in obramba pred izstrelki	100
Napredni pasivni in aktivni senzorji	38	Kopensko bojevanje	160
Kibernetika	33,5	Zaščita sil in mobilnost	50
Vesolje	50	Pomorsko bojevanje	103,5
Digitalna transformacija	58,5	Prebojne tehnologije	60
Energetska odpornost in okoljski prehod	133	Odpri razpis za inovativne obrambne tehnologije	63,5
Materiali in komponente	40		



Evropski obrambni sklad – EDF - 2021

EDF-2021- MATCOMP Materials and components	Research 40M€	R-PHE: Materials and structures for enhanced protection in hostile environments <i>Generate knowledge and Studies (+other research)</i>	Several actions, addressing different topics may be funded
		R-RF: Advanced RF components <i>Integrate knowledge, Studies and Design</i>	

Categories of Action	Calls/ Budget	Topics / Targeted activities	Comments
EDF-2021-DIS Disruptive technologies for defence applications	Research 60M€	RDIS-QSENS: Quantum technologies <i>Generate knowledge, Integrate knowledge, Studies and Design</i>	• Several actions, addressing different topics
		RDIS-NLOS: Non-line-of-sight optical sensors applications <i>Generate knowledge, Integrate knowledge and Studies</i>	
		RDIS-OTHR Over-the-horizon radars applications <i>Integrate knowledge, Studies and Design (+upstream)</i>	• ≥2 entities from 2 MS/AC
		RDIS-AMD (*): New materials and technologies for additive manufactured defence applications <i>Generate knowledge</i>	• Lump Sums



HVALA ZA POZORNOST