



MINISTRY  
OF DEFENCE  
OF THE SLOVAK REPUBLIC



# EURÓPSKY OBRANNÝ FOND

## EDF: 2021 – 2027

### Aktuálne informácie a príležitosti

Dátum zverejnenia výziev: koniec júna 2021

**Dátum predloženia ponúk: do 9. 12. 2021**

Bratislava: 30. 9. 2021

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Alokované finančné prostriedky 2021 - 2027: **Σ 8 mld. €**

2021: cca 930 mil. €

2022: cca 900 mil. €

| Union actions*                                     | Total budget and percentage of 2021 appropriations |              |                        |              |                        |             |
|--|--|--------------|------------------------|--------------|------------------------|-------------|
|  | Research   |              | Development            |              | TOTAL                  |             |
| - Grants   | EUR 309 500 000                                    | 33,3%        | EUR 619 000 000        | 66,6%        | EUR 928 500 000 EUR    | 99,8%       |
| - Prizes   |  |              |                        |              |                        |             |
| - Procurement                                      |  |              |                        |              |                        |             |
| - Blending operations                              |  |              |                        |              |                        |             |
| *Among which:                                      |  |              |                        |              |                        |             |
| benefitting the cross-border participation of SMEs | EUR 17 500 000                                     | 5,65 %       | EUR 36 000 000         | 5,81 %       | EUR 53 500 000         | 5,76 %      |
| supporting disruptive technologies for defence     | EUR 70 000 000                                     | 22,61 %      |                        |              | EUR 70 000 000         | 7,53 %      |
| for direct award                                   |  |              |                        |              |                        |             |
| - Other actions                                    | EUR 600 000  | 33,3%        | EUR 1 200 000          | 66,7%        | EUR 1 800 000          | 0,2%        |
| <b>TOTAL</b>                                       | <b>EUR 310 100 000</b>                             | <b>33,3%</b> | <b>620 200 000 EUR</b> | <b>66,7%</b> | <b>EUR 930 300 000</b> | <b>100%</b> |



|     | Activities   | Baseline funding rate  |                             |
|-----|--|------------------------|-----------------------------|
|     |  | Research action        | Development action          |
| (a) | Activities aiming to create, underpin and improve knowledge, products and technologies, including disruptive technologies, which can achieve significant effects in the area of defence  | 100% of eligible costs | <i>Not applicable</i>       |
| (b) | Activities aiming to increase interoperability and resilience, including secured production and exchange of data, to master critical defence technologies, to strengthen the security of supply or to enable the effective exploitation of results for defence products and technologies | 100% of eligible costs | Up to 65% of eligible costs |
| (c) | Studies, such as feasibility studies to explore the feasibility of new or improved technologies, products, processes, services and solutions   | 100% of eligible costs | Up to 90% of eligible costs |
| (d) | The design of a defence product, tangible or intangible component or technology as well as the definition of the technical specifications on which such design has been developed which may include partial tests for risk reduction in an industrial or representative environment      | 100% of eligible costs | Up to 65% of eligible costs |
| (e) | The development of a model of a defence product, tangible or intangible component or technology, which can demonstrate the element's performance in an operational environment (system prototype)  | <i>Not applicable</i>  | Up to 20% of eligible costs |
| (f) | The testing of product, tangible or intangible component or technology   | <i>Not applicable</i>  | Up to 45% of eligible costs |
| (g) | The qualification of tangible or intangible component or technology  | <i>Not applicable</i>  | Up to 70% of eligible costs |
| (h) | The certification of product, tangible or intangible component or technology   | <i>Not applicable</i>  | Up to 70% of eligible costs |
| (i) | The development of technologies or assets increasing efficiency across the life cycle of defence products and technologies   | <i>Not applicable</i>  | Up to 65% of eligible costs |

| Condition to be fulfilled to get the corresponding bonus  | Bonus (additional number of percentage points to the baseline funding rate)  |
|---|--|
| <b>PESCO bonus</b>  |  |
| Action developed in the context of the permanent structured cooperation (PESCO)                                   | + 10%  |
| <b>SME bonus</b>  |  |
| Proportion of eligible costs allocated to SMEs established in the EU $\geq 10\%$ (for the activity concerned)     | Proportion of eligible costs allocated to non-cross-border SMEs established in the EU (up to maximum 5%)<br>+<br>Twice the proportion of eligible costs allocated to cross-border SMEs established in the EU |
| <b>Mid-cap bonus</b>  |  |
| Proportion of eligible costs allocated to Mid-caps established in the EU $\geq 15\%$ (for the activity concerned) | + 10%  |



## Aké sú kritériá získania finančného grantu?

- Konzorcium zložené z min. 3 firiem z min. 3 rôznych krajín EÚ (subjekty by mali byť dislokované v EÚ a 3. krajiny by nemali mať nad nimi žiadnu kontrolu)
- Konzorcium by malo vymenovať svojho koordinátora z jedného z členov konzorcia (ako kontaktnú osobu pre EK). Členské štáty v prípade potreby vymenujú projektového manažéra. Komisia s ním konzultuje pokrok dosiahnutý v rámci činnosti pred tým, ako vykoná platbu v prospech oprávnených príjemcov
- Písomné vyjadrenie členských štátov o finančnom prispievaní činnosti napr. vyhlásením zámeru (Letter of Intent).  
Kritériá oprávnenosti by mali zohľadniť skutočnosť, že členské štáty zamýšľajú obstaráť finálny výrobok obranného priemyslu alebo používať technológiu, a to koordinovaným spôsobom, a kritériá na vyhodnotenie návrhov by mali zohľadniť skutočnosť, že členské štáty sa politicky alebo právne zaviažu spoločne využívať, vlastniť alebo udržiavať finálny výrobok alebo technológiu obranného priemyslu.

**Pozn.: Závisí to od okolností – firma si svoj rozsah podielu môže financovať sama.**

**Pozn.: Ak niektoré kritérium nie je splnené EK konzorcium nevylučuje zo súťaže. Je to však negatívne hodnotené komisiou, ktorá ponuky vyhodnocuje.**



### Rozdelenie rozpočtu na jednotlivé kategórie

| Categories of actions   | Budget    |             |                                    |                         |                                    |       |                         |             |         |
|---|-----------|-------------|------------------------------------|-------------------------|------------------------------------|-------|-------------------------|-------------|---------|
|   | Research  |             | Development                        |                         | Research and Development           |       |                         |             |         |
|   | Total     |             | Total                              |                         | Total                              |       |                         |             |         |
| 1. Defence medical support, CBRN, biotech and human factors         | 18,5 M€   |             | 50 M€                              |                         | 68,5 M€                            |       |                         |             |         |
| 2. Information superiority  | -         |             | 70 M€                              |                         | 70 M€                              |       |                         |             |         |
| 3. Advanced passive and active sensors                              | 38 M€     |             | -                                  |                         | 38 M€                              |       |                         |             |         |
| 4. Cyber  | 13,5 M€   |             | 20 M€                              |                         | 33,5 M€                            |       |                         |             |         |
| 5. Space  | -         |             | 50 M€                              |                         | 50 M€                              |       |                         |             |         |
| 6. Digital transformation   | 18,5 M€   |             | 40 M€                              |                         | 58,5 M€                            |       |                         |             |         |
| 7. Energy resilience and environmental transition                   | -         |             | 133 M€                             |                         | 133 M€                             |       |                         |             |         |
| 8. Materials and components   | 40 M€     |             | -                                  |                         | 40 M€                              |       |                         |             |         |
| 9. Air combat   | 40 M€     |             | 41 M€ (complemented up to 109 M€*) |                         | 81 M€ (complemented up to 109 M€*) |       |                         |             |         |
| 10. Air and missile defence   | -         |             | 28 M€ (complemented up to 72 M€*)  |                         | 28 M€ (complemented up to 72 M€*)  |       |                         |             |         |
| 11. Ground combat   | 10 M€     |             | 41 M€ (complemented up to 109 M€*) |                         | 51 M€ (complemented up to 109 M€*) |       |                         |             |         |
| 12. Force protection and mobility                                   | -         |             | 50 M€                              |                         | 50 M€                              |       |                         |             |         |
| 13. Naval combat  | 43,5 M€   |             | 60 M€                              |                         | 103,5 M€                           |       |                         |             |         |
| 14. Underwater warfare  | -         |             | -                                  |                         | -                                  |       |                         |             |         |
| 13. Simulation and training   | -         |             | -                                  |                         | -                                  |       |                         |             |         |
| 16. Disruptive technologies   | 60 M€     |             | -                                  |                         | 60 M€                              |       |                         |             |         |
| 17. Open calls for innovative and future-oriented defence solutions | 27,5 M€   |             | 36 M€                              |                         | 63,5 M€                            |       |                         |             |         |
| Other actions   | 0,6 M€    |             | 1,2 M€                             |                         | 1,8 M€                             |       |                         |             |         |
| TOTAL   | 310,10 M€ | Among which |                                    | 620,20 M€<br>(+290 M€*) | Among which                        |       | 930,30 M€<br>(+290 M€*) | Among which |         |
|   |           | Disruptive  | SMEs                               |                         | Disruptive                         | SMEs  |                         | Disruptive  | SMEs    |
|   |           | 70 M€       | 17,5 M€                            |                         | -                                  | 36 M€ |                         | 70 M€       | 53,5 M€ |

\* From 2022 appropriations, subject to the adoption of a separate financing decision



| P. č. | Topik   |
|-------|---|
| 1.    | <b>EDF-2021-MCBRN-R-CBRNDIM: Detection, identification and monitoring (DIM) of CBRN threats</b>   |
| 2.    | <b>EDF-2021-MCBRN-D-MCM: Development of defence medical countermeasures</b>   |
| 3.    | <b>EDF-2021-C4ISR-D-HAPS: High-altitude platform systems</b>  |
| 4.    | <b>EDF-2021-C4ISR-D-COMS: Robust defence multi-dimensional communications</b>   |
| 5.    | <b>EDF-2021-SENS-R-IRD: Infrared detectors</b>  |
| 6.    | <b>EDF-2021-SENS-R-RADAR: Advanced radar technologies</b>   |
| 7.    | <b>EDF-2021-CYBER-R-CDAI: Improving cyber defence and incident management with Artificial Intelligence</b>                                    |
| 8.    | <b>EDF-2021-CYBER-D-IECTE: Improved Efficiency of Cyber Trainings and Exercises</b>   |
| 9.    | <b>EDF-2021-SPACE-D-SGNS: Space- and ground-based NAVWAR surveillance</b>   |
| 10.   | <b>EDF-2021-SPACE-D-EPW: European protected waveform and accompanying technologies for resilient satellite communications against jamming</b> |
| 11.   | <b>EDF-2021-DIGIT-R-FL: Frugal learning for rapid adaptation of AI systems</b>  |
| 12.   | <b>EDF-2021-DIGIT-D-MDOC: Military multi-domain operations cloud</b>  |



| <b>P. č.</b> | <b>Topik</b>  |
|--------------|---|
| 13.          | <b>EDF-2021-ENERENV-D-EEMC: Energy independent and efficient systems for military camps</b>                           |
| 14.          | <b>EDF-2021-ENERENV-D-NGES: Next generation electrical energy storage for military forward operation bases</b>        |
| 15.          | <b>EDF-2021-ENERENV-D-PES: Alternative propulsion and energy systems for next generation air combat systems</b>       |
| 16.          | <b>EDF-2021-MATCOMP-R-PHE: Materials and structures for enhanced protection in hostile environments</b>               |
| 17.          | <b>EDF-2021-MATCOMP-R-RF: Advanced RF components</b>  |
| 18.          | <b>EDF-2021-AIR-R-NGRT: Next generation rotorcraft technologies</b>   |
| 19.          | <b>EDF-2021-AIR-D-EPE: Enhanced pilot environment for air combat</b>  |
| 20.          | <b>EDF-2021-AIR-D-CAC: European interoperability standard for collaborative air combat</b>                            |
| 21.          | <b>EDF-2021-AIRDEF-D-EATMI: Endo-atmospheric interceptor – concept phase</b>  |
| 22.          | <b>EDF-2021-GROUND-R-IW: Improved warheads</b>  |
| 23.          | <b>EDF-2021-GROUND-D-FMGV: Future modular ground vehicles and enabling technologies, including green technologies</b> |
| 24.          | <b>EDF-2021-GROUND-D-UGVT: Unmanned ground vehicle technologies</b>   |



| P. č. | Topik  |
|-------|--|
| 25.   | <b>EDF-2021-GROUND-D-3CA: BLOS collaborative close combat architecture</b>   |
| 26.   | <b>EDF-2021-PROTMOB-D-SS: Development of full-size demonstrators for soldier systems</b>   |
| 27.   | <b>EDF-2021-PROTMOB-D-DMM: Development of a digital system for the secure and quick exchange of information related to military mobility</b> |
| 28.   | <b>EDF-2021-NAVAL-R-DSSDA: Digital ship and ship digital architecture</b>  |
| 29.   | <b>EDF-2021-NAVAL-R-SSHM: Ship structural health monitoring</b>  |
| 30.   | <b>EDF-2021-NAVAL-D-MMPC: Modular and multirole patrol corvette</b>  |
| 31.   | <b>EDF-2021-DIS-RDIS-QSENS: Quantum technologies</b>   |
| 32.   | <b>EDF-2021-DIS-RDIS-NLOS: Non-line-of-sight optical sensors applications</b>  |
| 33.   | <b>EDF-2021-DIS-RDIS-OTHR: Over-the-horizon radars applications</b>  |
| 34.   | <b>EDF-2021-DIS-RDIS-AMD: New materials and technologies for additive manufactured defence applications</b>                                  |
| 35.   | <b>EDF-2021-OPEN-RDIS-open: Research contributing to disruptive technologies for defence</b>   |
| 36.   | <b>EDF-2021-OPEN-R-SME: Research on innovative and future-oriented defence solutions</b>   |
| 37.   | <b>EDF-2021-OPEN-D-SME: Development of innovative and future-oriented defence solutions</b>  |





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# Ďakujem za pozornosť

## Link na podrobné témy výziev:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094501,31094502,31094503;programmePeriod=2021%20-%202027;programCcm2Id=44181033;programDivisionCode=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDelivery=null;sortQuery=sortStatus;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState>