

EUROPEAN DEFENCE FUND – DIE AUSSCHREIBUNGEN 2023

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DIE AUSSCHREIBUNGEN 2023

ÜBERBLICK

- Themenübersicht
- Open calls
- Neuerungen 2023
- Call Vorgaben
- Antragstellung (Funding und Tender Portal)

ECKDATEN AUSSCHREIBUNGEN 2023

- Budget: 1,2 Milliarden Euro
 - 343 Millionen Euro für Forschung
 - 836 Millionen Euro für Entwicklung
- Veröffentlichung des Arbeitsprogramms 2023 am 30. März
 - Arbeitsprogramm
 - Call topic description
 - Multiannual Perspective (MAP)
- Ausschreibungsstart: 15. Juni
- Ausschreibungsende: 22. November

THEMENBEREICHE IM ARBEITSPROGRAMM 2023

Defence medical support & CBRN 40 Mio € 	Information superiority 99 Mio € 	Advanced passive & active sensors 69 Mio € 	Cyber 60 Mio € 	Space 125 Mio € 	Digital transformation 45 Mio € 
Materials and components 50 Mio € 	Energy resilience & environmental transition 25 Mio € 	Air combat 63 Mio € 	Air and missile defence 123 Mio € 	Ground combat 47 Mio € 	Force protection and mobility 45 Mio € 
Naval combat 154,5 Mio € 	Underwater warfare 90 Mio € 	Simulation and training N/A 	Disruptive technologies 41 Mio € 	Open calls für KMU und RTO 72 Mio € 	

THEMENÜBERSICHT

Call ID	Name	Instrument	Budget
Defence medical response, chemical biological radiological nuclear (CBRN), biotech and human factors			
EDF-2023-DA-MCBRN-FCS	Federating CBRN systems	Development	15 Mio €
EDF-2023-RA-SGA-MCBRN-MCM	Defence medical countermeasures Alliance	FPA / SGA	25 Mio €
Information superiority			
EDF-2023-DA-C4ISR-LCOM	Laser communications	Development	17 Mio €
EDF-2023-DA-C4ISR-TRPAS	Tactical RPAS	Development	42 Mio €
EDF-2023-DA-C4ISR-DAA	Detect and avoid	Development	40 Mio €
Advanced passive and active sensors			
EDF-2023-RA-SENS-EMSP	Electromagnetic signal propagation	Research	22 Mio €
EDF-2023-RA-SENS-OPTD	Optronics detector technologies	Research	20 Mio €
EDF-2023-DA-SENS-GRID	Sensor grid	Development	27 Mio €

THEMENÜBERSICHT

Call ID	Name	Instrument	Budget
Cyber			
EDF-2023-RA-SI-CYBER-ASPT	Automation of security penetration tests	Research/Spin-in	14 Mio €
EDF-2023-DA-CYBER-CSA	Cyber situational awareness	Development	20 Mio €
EDF-2023-DA-CYBER-DAAI	Deployable autonomous AI Agent	Development	26 Mio €
Space			
EDF-2023-RA-SPACE-PSA	Threat surveillance and protection of space-based assets	Research	25 Mio €
EDF-2023-DA-SPACE-SSA	Initial operational capacity for Space situational awareness C2 and sensors	Development	100 Mio €
Digital Transformation			
EDF-2023-RA-DIGIT-HAAI	Dedicated hardware architectures for energy-efficient AI	Research	20 Mio €
EDF-2023-LS-RA-CHALLENGE-DIGIT-HLTP	Agile and robust human language technologies for defence – Participation to a technological challenge	Tech challenge	18 (6) Mio €
EDF-2023-LS-RA-CHALLENGE-DIGIT-HLTO	Agile and robust human language technologies for defence – Organisation of a technological challenge	Tech challenge	7 Mio €

THEMENÜBERSICHT

Call ID	Name	Instrument	Budget
Energy Resilience and Environmental Transition			
EDF-2023-RA-SI-ENERENV-IPS	Innovative propulsion systems for defence applications	Research/Spin-in	25 Mio €
Materials and Components			
EDF-2023-RA-SI-MATCOMP-HPM	High-performance materials	Research/Spin-in	20 Mio €
EDF-2023-DA-MATCOMP-MJR-CBDIN	Technologies and processes for maintenance, joining and repair through an innovation test hub	CBDIN	30 Mio €
Air Combat			
EDF-2023-DA-AIR-STFS	Smart technologies for next generation fighter systems	Development	30 Mio €
EDF-2023-DA-AIR-SPS	Self-protection systems	Development	33 Mio €
Air and Missile Defence			
EDF-2023-DA-AIRDEF-CUAS	Counter-UAS capabilities	Development	43 Mio €
EDF-2023-DA-DS-AIRDEF-EATMI	Endo-atmospheric interceptor – concept phase	Development	80 Mio €

THEMENÜBERSICHT

Call ID	Name	Instrument	Budget
Ground Combat			
EDF-2023-DA-GROUND-MBT	Main battle tank platform systems	Development	20 Mio €
EDF-2023-DA-GROUND-IFS	Long-range indirect fire support capabilities for precision and high efficiency strikes	Development	27 Mio €
Force Protection and Mobility			
EDF-2023-RA-PROTMOB-DEXPLO	Demonstrators and technologies to defeat Unexploded Explosive Ordnances and Improvised Explosive Devices	Research	25 Mio €
EDF-2023-RA-PROTMOB-SATOC	Strategic air transportation of outsized cargo	Research	20 Mio €
Naval Combat			
EDF-2023-DA-NAVAL-MMPC	Modular and multirole patrol corvette	Development	154,5 Mio €
Underwater Warfare			
EDF-2023-DA-UWW-ASW	Unmanned anti-submarine and seabed warfare	Development	45 Mio €
EDF-2023-DA-UWW-MCMC	Mine counter-measures capabilities	Development	45 Mio €

THEMENÜBERSICHT

Call ID	Name	Instrument	Budget
Simulation and Training	Keine Ausschreibungen 2023		
Disruptive Technologies			
EDF-2023-RA-DIS-LDEW	Laser-based directed energy weapons	Research	25 Mio €
EDF-2023-LS-RA-DIS-NT	Non-thematic research actions targeting disruptive technologies for defence	Research	16 (4) Mio €
Open Calls			
EDF-2023-LS-RA-SMERO-NT	Non-thematic research actions by SMEs and research organisations	Research	36 (4) Mio €
EDF-2023-LS-DA-SME-NT	Non-thematic development actions by SMEs	Development	36 (6) Mio €
Gesamt			1148,5 Mio €

FÖRDERINSTRUMENTE & NEUERUNGEN

- Forschung – „Research Actions“
- Entwicklung – „Development Actions“
- Mehr Mittel für „open calls“
- EU Defence Innovation Scheme (EUDIS)
 - Spin-in
 - Cross-border defence innovation network (CBDIN)
 - Technological challenge
- Framework Partnership Agreement / Specific Grant Agreement
- Direct award

OPEN CALLS

Disruptive technologies

„Enhanced or completely new technology that brings about a radical change, including a paradigm shift in the concepts and conduct of defence affairs such as by replacing existing defence technologies or rendering them obsolete“

- LS-RA-DIS-NT (16 Millionen Euro)
 - Lump sum
 - Maximal 4 Millionen Euro pro Projekt
 - Achtung: eventuell andere Konsortium Bedingungen!

KMU calls

- Lump sum
- Business coaching
- LS-RA-SMERO-NT (36 Millionen Euro)
 - KMU oder RTOs, KMU Koordinator
 - Maximal 40 Prozent des Gesamtbudgets an RTOs
 - Maximal 4 Millionen Euro pro Projekt
- LS-DA-SME-NT (36 Millionen Euro)
 - Nur KMU
 - Maximal 6 Millionen Euro pro Projekt

SPIN-IN CALLS

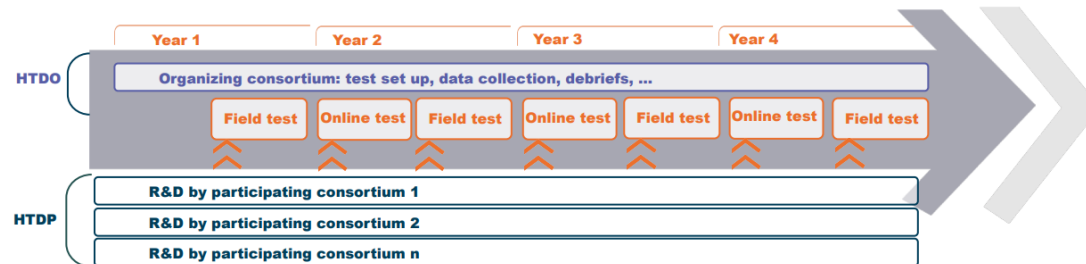
- 1 Call, 3 Topics
 - EDF-2023-RA-SI-CYBER-ASPT (14 Millionen Euro)
 - EDF-2023-RA-SI-ENERENV-IPS (25 Millionen Euro)
 - EDF-2023-RA-SI-MATCOMP-HPM (20 Millionen Euro)
- Ziel: Aufbau auf Projekten aus dem zivilen Bereich; neue Akteure für den defence Bereich
- *„The proposals need to build upon or integrate results that have been achieved within one or several projects funded under an EU programme call with a focus on civil applications.“*
- Abgeschlossene oder laufende Projekte
- Projektteilnehmer müssen nicht ident sein
- ABER Bestätigung, dass das Konsortium Nutzungsrecht hat

CROSS-BORDER DEFENCE INNOVATION NETWORK

- 1 Topic
 - EDF-2023-DA-MATCOMP-MJR-CBDIN (30 Millionen Euro)
- Ziel: Errichtung einer „test platform“ um Innovationen zu testen und qualifizieren
- Indirektes Management durch EDA
- Financial support to third parties (maximal 60.000 Euro als lump sum grant)
- Konsortium veröffentlicht eigene kompetitive Ausschreibungen (maximal 2 Ausschreibungen mit je 10 bis 30 geförderten Organisationen)
- ***“FSTP must target in priority SMEs, including start-ups...Participation of entities other than SMEs can only be accepted where no SMEs are available to demonstrate the capacity or expertise needed for the project during its lifetime.”***
- KMU müssen die im EDF üblichen Kriterien erfüllen

TECHNOLOGICAL CHALLENGE

- 1 Call, 2 Topics
 - EDF-2023-LS-RA-CHALLENGE-DIGIT-HLTP (18 Millionen Euro)
 - EDF-2023-LS-RA-CHALLENGE-DIGIT-HLTO (7 Millionen Euro)
- Ziel: mehrere Teams erarbeiten verschiedene Lösungen; einheitliches Evaluierungsverfahren
- Common test bed, regelmäßige Evaluierungen
- Teams können maximal 6 Millionen Euro Förderung beantragen



WEITERE AUSSCHREIBUNGEN UND KOSTENSTELLEN IM EDF ARBEITSPROGRAMM 2023

- Specific Grant Agreement im Rahmen des Framework Partnership Agreements
 - EDF-2023-RA-SGA-MCBRN-MCM (25 Millionen Euro)
 - Keine Ausschreibung
- Direct award
 - EDF-2023-DA-DS-AIRDEF-EATMI (80 Millionen Euro)
 - „Named beneficiaries“
- Business coaching (1,2 Millionen Euro)
- EDF Hackathon Event (0,6 Millionen Euro)
- Defence equity facility (20 Millionen Euro)

CALL VORGABEN

Arbeitsprogramm

- Strukturiert nach Thema!
- **EDF-2023-RA-SPACE-PSA**
 - Targeted types of activities
 - Indicative budget
 - Indicative number of proposals to be funded

Call topic description

- Strukturiert nach Instrument!
- **EDF-2023-RA-SPACE-PSA**
 - Indicative budget
 - Indicative number of proposals to be funded
 - Objectives (general/specific)
 - Scope and types of activities
 - Functional requirements
 - Expected impact

2.1.3. EDF-2023-RA-SPACE-PSA: Threat surveillance and protection of space-based assets

- **Indicative budget:** EUR 25 000 000 for this topic under the call EDF-2023-RA.
- **Indicative number of proposals to be funded:** several proposals may be funded for this topic.

Objectives

Space has become a domain of strategic and military competition. While space capacities have become strategically important to Europe's civil and commercial objectives, and are critical to ensure vital functions in military operations, the easier access to space, the growing number of space debris in orbit and the existence of counterspace capabilities and actions introduce increasing risks and threats to space assets. This implies the necessity to protect

General objective

The general objective of this topic is to conduct research activities on space-based technologies contributing to the protection of space-based assets against a wide range of threats and to demonstrate the feasibility of selected technological solutions.

Specific objective

The specific objectives of this topic are to identify and consolidate the potential threats to space assets and an overall preliminary system layout with associated functional chains of the

Scope and types of activities

Scope

The proposals must address the identification and consolidation of the main threats against generic space assets and associated vulnerabilities, the identification of technical solutions or adaptation of procedures to counter these threats, as well as the definition of the overall

Types of activities

The following types of activities are eligible for this topic:

	Types of activities (art 10(3) EDF Regulation)	Eligible?
(a)	Activities that aim to create, underpin and improve knowledge, products and technologies, including disruptive technologies, which can achieve significant effects in the area of defence (generating knowledge)	Yes (mandatory)
(b)	Activities that aim 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 (integrating knowledge)	Yes (optional)
(c)	Studies , such as feasibility studies to explore the feasibility of new or upgraded products, technologies, processes, services and solutions	Yes (mandatory)
(d)	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, including partial tests for risk reduction in an industrial or representative environment	Yes (mandatory)
(e)	System prototyping of a defence product, tangible or intangible component or technology	No
(f)	Testing of a defence product, tangible or intangible component or technology	No
(g)	Qualification of a defence product, tangible or intangible component or technology	No
(h)	Certification of a defence product, tangible or intangible component or technology	No
(i)	Development of technologies or assets increasing efficiency across the life cycle of defence products and technologies	No

The proposals must cover at least the following tasks as part of the mandatory activities:

- Generating knowledge:
 - the identification and analysis of current and expected threats against space assets and evaluation of associated vulnerabilities;
- Studies:
 - the consolidation of technological solutions to address these threats, their technology readiness level (TRL), the performance required and the evaluation of their interest/operational added value;
 - the elaboration of a technological roadmap at equipment level to further develop the best promising technological solutions;

Functional requirements

The technologies for space asset protection should meet the following requirements:

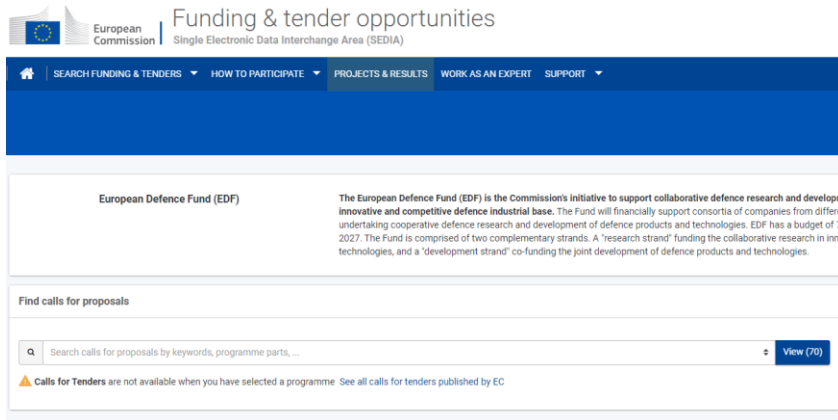
State of the art of the threats: ability to detect, to identify and to mitigate a wide range of threats (see Scope section above) in terms of power, origin and destination (e.g. LEO⁹ to LEO, ground to LEO, GEO¹⁰ to GEO, ground to GEO).

Expected impact

The outcomes should contribute to:

- the development of technological components that will have a major impact on the detection and identification of threats and protection of space assets;
- the development of technological solutions against space threats;
- the future integration of the developed components in Member States and EDF associated countries (Norway) solutions and in European programmes space assets;
- the resilience of space systems and a better space domain awareness associated to the protection of space-based assets;
- EU approaches regarding “Defence in Space”.

ANTRAGSTELLUNG (FUNDING & TENDER PORTAL)



European Commission | Funding & tender opportunities
 Single Electronic Data Interchange Area (SEDIA)

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | **PROJECTS & RESULTS** | WORK AS AN EXPERT | SUPPORT

European Defence Fund (EDF)

The European Defence Fund (EDF) is the Commission's initiative to support collaborative defence research and develop innovative and competitive defence industrial base. The Fund will financially support consortia of companies from different undertakings cooperative defence research and development of defence products and technologies. EDF has a budget of 7,1 2027. The Fund is comprised of two complementary strands. A 'research strand' funding the collaborative research in immo technologies, and a 'development strand' co-funding the joint development of defence products and technologies.

Find calls for proposals

Search calls for proposals by keywords, programme parts, ... [View \(70\)](#)

⚠ Calls for Tenders are not available when you have selected a programme. [See all calls for tenders published by EC](#)

[Funding und Tender Portal der EU](#)

- Registrieren und PIC erhalten
- Für KMU: „SME self-assessment“

Anträge stellen sich aus folgenden Teilen zusammen:

- Part A
- Part B
- Budget table
- Zusatzdokumente
- Beispiel

VORBEREITUNG EINER EINREICHUNG

Themen- und Partnersuche

- WP2023 lesen, MAP bedenken!
- Bestehende Netzwerke nutzen
- Enterprise Europe Network Datenbank
- National Focal Points kontaktieren
- Konferenzen & Messen
- Im Funding & Tender Portal

Beraten lassen

- Die FFG als **National Focal Point** für den EDF:
- Beratung zur Projektauswahl
 - Einreichvorgaben und – dokumente verstehen
 - Laufendes Infoangebot – EIP Newsletter, social media
 - Hilfe bei der Partnersuche
 - Proposal check

Alle Infos:
www.ffg.at/europa/edf

Abstimmung BMLV

- Personal und Facility Security Clearance (bei klassifizierten Infos)
- Letter of Intent
- Nachweis harmonisierter Anforderungen / geteilter Standards
- Eventuell ko-Finanzierung

Einreichen

Im **Funding & Tender Portal** der EU:
<https://ec.europa.eu/info/funding-tenders/opportunities/portal/s/reen/programmes/edf>

Ab 15. Juni und bis 22. November 2023

ACHTUNG! HÄUFIGE FEHLER

- Nicht förderbar: Grundlagenforschung, Markteinführung, Beschaffung...
- Nicht bereits bestehende Konzepte „umverpacken“
- Ownership control declaration: Vorgaben zur Herkunft beachten, auch bei Projektpartnern!
- Keine „Alibi“-Partner!
- Bestätigungen rechtzeitig einholen (security clearances, letter of intent, Ko-Finanzierung...)

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Trainings teil



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Persönliche Beratung sowie schriftliches
Feedback zu Ihrem Antrag



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→ auf dem Laufenden bleiben!

WICHTIGE INFORMATIONEN UND LINKS



FFG - EDF

www.ffg.at/Europa/EDF
www.ffg.at/europa/edf/faq



Bundesministerium für Landesverteidigung

www.bmlv.gv.at



Funding & Tender Portal

ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/edf



EC - EDF

ec.europa.eu/defence-industry-space/eu-defence-industry/european-defence-fund-edf_de



Aviso: EDF Day der FFG und WKÖ
ASW, am 19. bis 20. September, Wien



Aviso: [Info Days der Europäischen Kommission](#) am 28. bis 29. Juni, Brüssel

VIELEN DANK FÜR IHRE AUFMERKSAMKEIT!

Elisabeth Veit
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