

Det europeiske
forsvarsfondet



EDF - Status og veien videre for 2022

Programkonferansen sjøsystemer

29. mars 2022 Erlend Ø Hoff



Forsvarsdepartementet

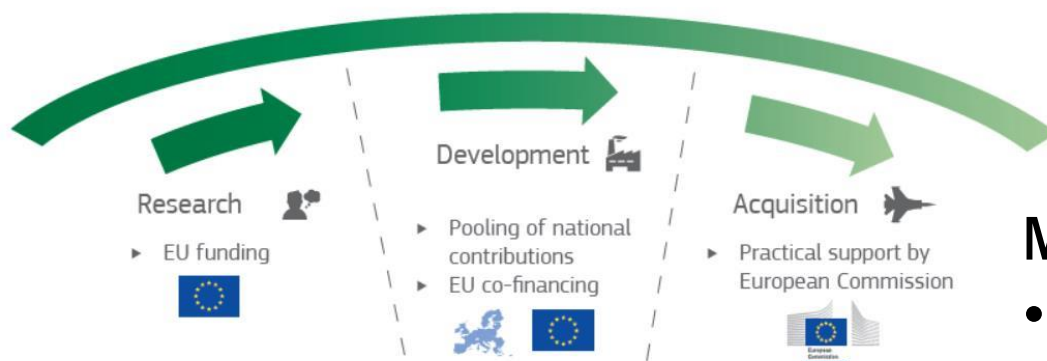
Dagsorden

- EDF og virkemidlene
- Deltakelse i 2021
- Veien videre i 2022
- (infoplansjer/linker)



EDF i tall

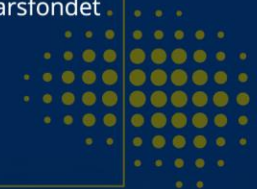
- Budsjett på 8 mrd. Euro i første syvårsperiode, med en opptrapping mot slutten
- Norsk kontingent utgjør om lag 2 mrd. kroner i perioden
- 285 mill. kroner i gjennomsnitt per år
- Årets utlysning blir trolig ca. 1,2 mrd. Euro

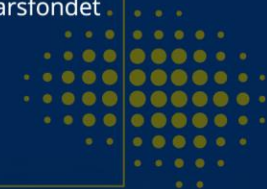


Målsetning for EDTIB:

- sterk
- konkurransedyktig
- innovativ

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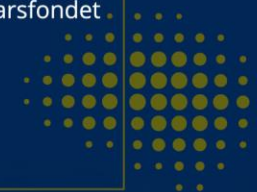




Europakommisjonens virkemiddelapparat

- 100 prosent finansiering av forskningsaktiviteter
- 20 – 100 prosent finansiering av utviklingsaktiviteter
- Bonusfinansiering for små og mellomstore (SMB) bedrifter
- Dedikerte SMB-utlysninger
- Incentiver for flernasjonalt samarbeid
- Dedikert andel av fondet for å støtte fremvoksende og banebrytende teknologier





Det norske virkemiddelapparatet

- [Kurstilbud gjennom forskningsrådet \(Horisont Europa\)](#)
- Medfinansiering
- Prosjektetableringsstøtte (NFR)
- Prosedyre for norske selskaper eiet eller kontrollert av tredjeland
- Ny** • Konsulentstøtte
- Myndighetsdialog, veiledning og støtte (FD med underliggende etater)

www.forsvarsfondet.no



Priority technology competence areas

The following technology areas form the basis for co-operation between the Armed Forces and industry:

1. Command and control, information, decision support and combat systems
2. Systems integration
3. Autonomous systems and artificial intelligence
4. Missile technology
5. Underwater technology
6. Ammunition, propulsion technologies and military explosives
7. Material technology developed or refined for military use
8. Lifecycle support for military systems

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Meld. St. 17

(2021-2022)

Melding til Stortinget

Samarbeid for sikkerhet

Nasjonalt forsvarsindustriell strategi for et høyteknologisk og fremtidsrettet forsvar

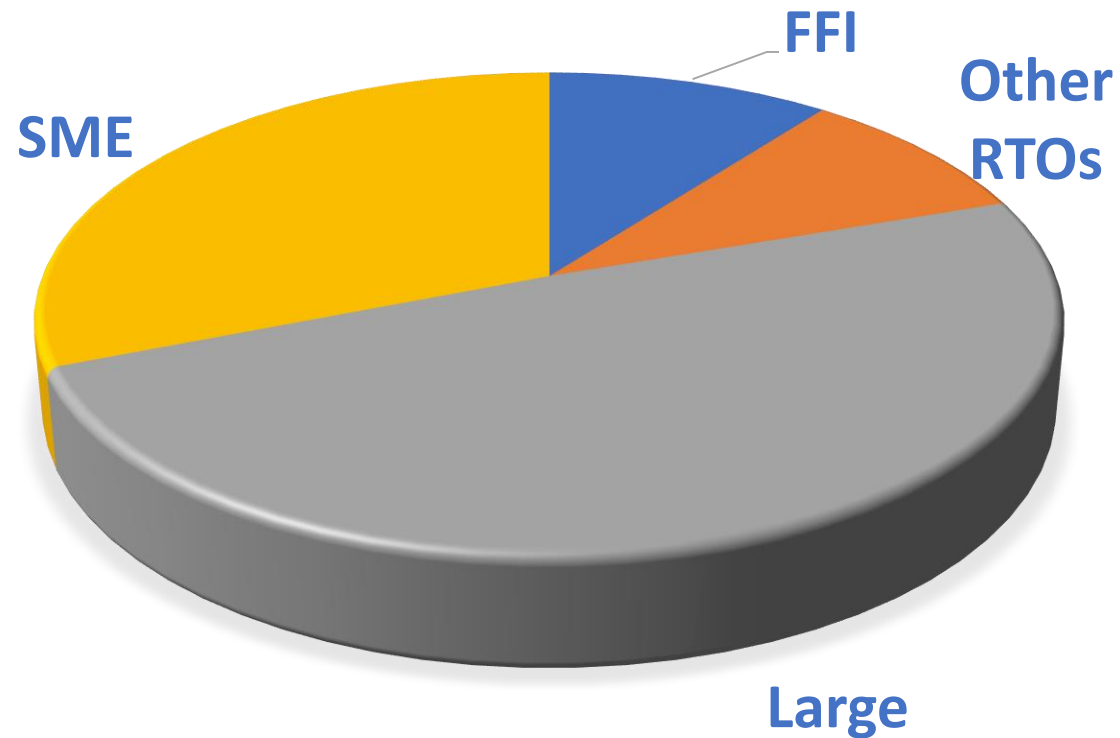


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Norsk deltakelse i EDF 2021

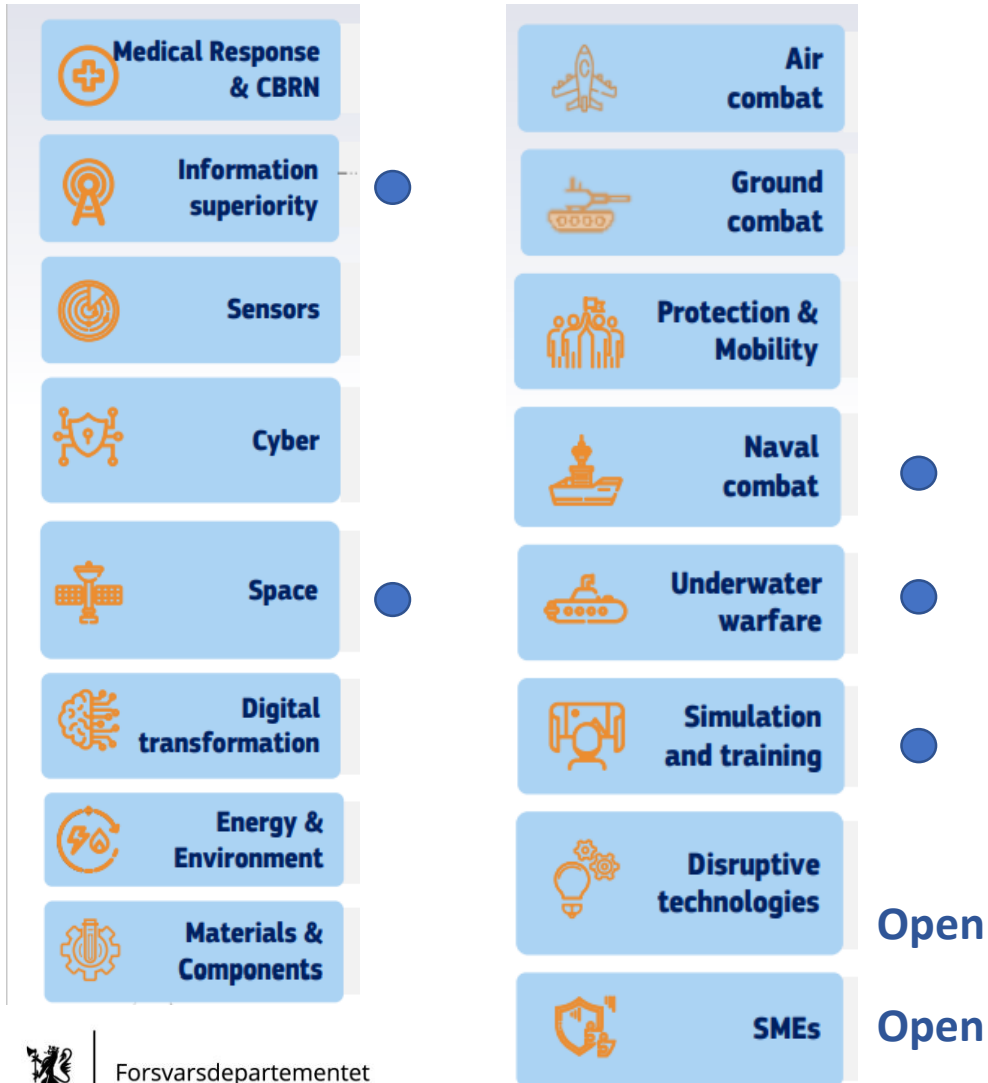
- Norske aktører har søkte om totalt 550 MNOK fra EU (55 MEUR)



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2022-utlysningen

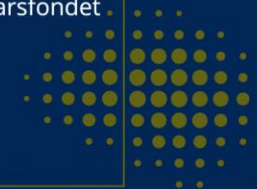


Tips for 2022

- Ha en klar strategi ift. teknologi
- Benytt eget internasjonalt nettverk for posisjonerig
- Tidlig dialog med FD

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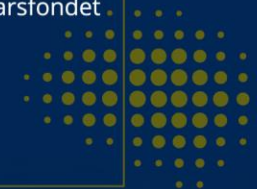




Informasjon og kontakt

- Forsvarsdepartementets nettside vil oppdateres løpende med informasjon
 - www.forsvarsfondet.no
- Forsvarsdepartementet kan kontaktes per epost
 - FD-EDF@fd.dep.no
- Europakommisjonen har opprettet en epost for EDF-spørsmål
 - DEFIS-EDF-PROPOSALS@ec.europa.eu





Viktige linker hos Kommisjonen

- [Generell informasjon om EDF \(DG DEFIS\)](#)
- [EDF Regulation \(and Financial Regulation\)](#)
- [EDF Calls on Funding and Tender portal](#)
- [EDF work Programmes](#)
- [EDF Submission forms](#)
- [EDF Guide for applicants](#)
- [EDF How to complete your Ethics self-assessment](#)
- [EDF FAQ](#)
- [EDF Information Day and Networking Event \(opptak ligger ute\)](#)



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Takk for oppmerksomheten



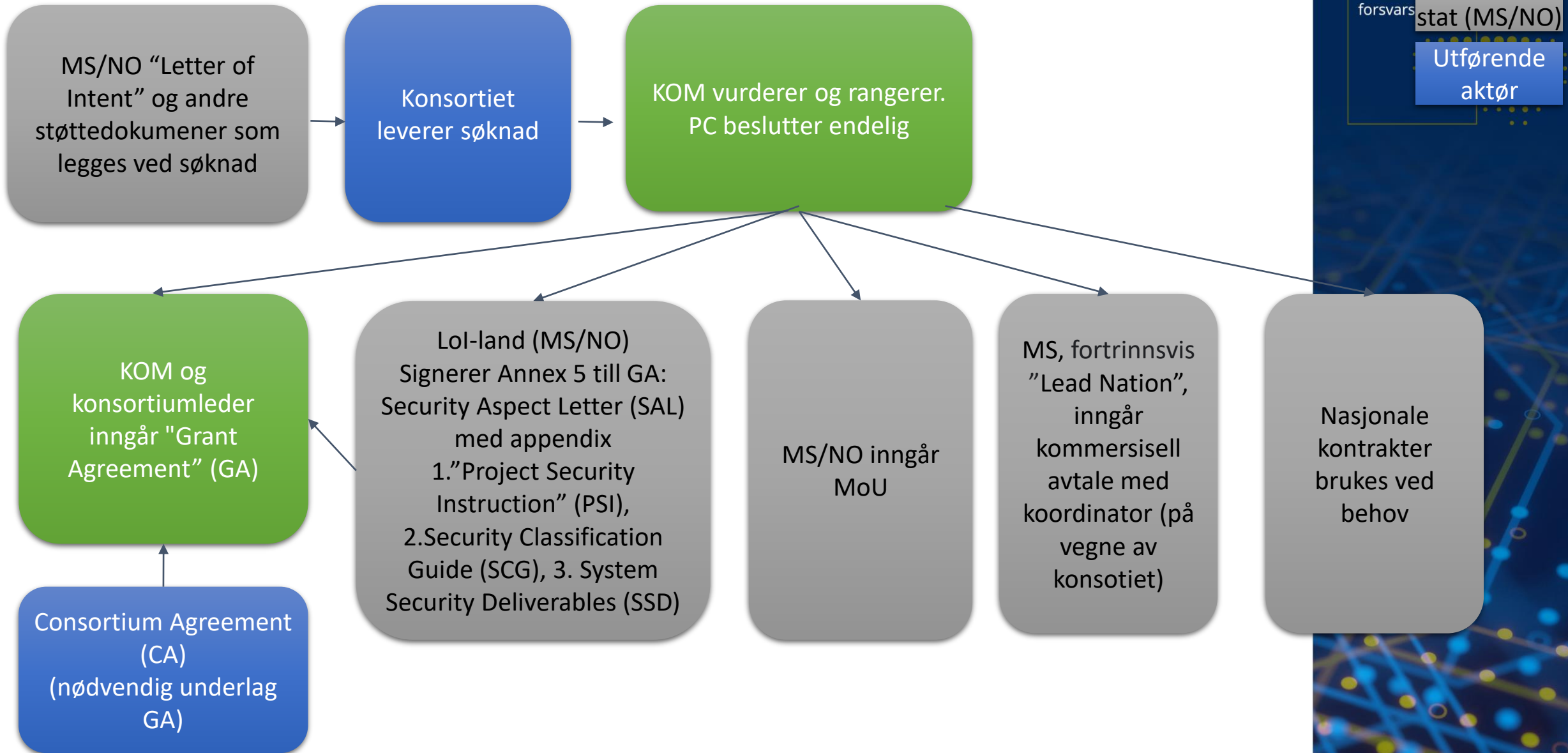
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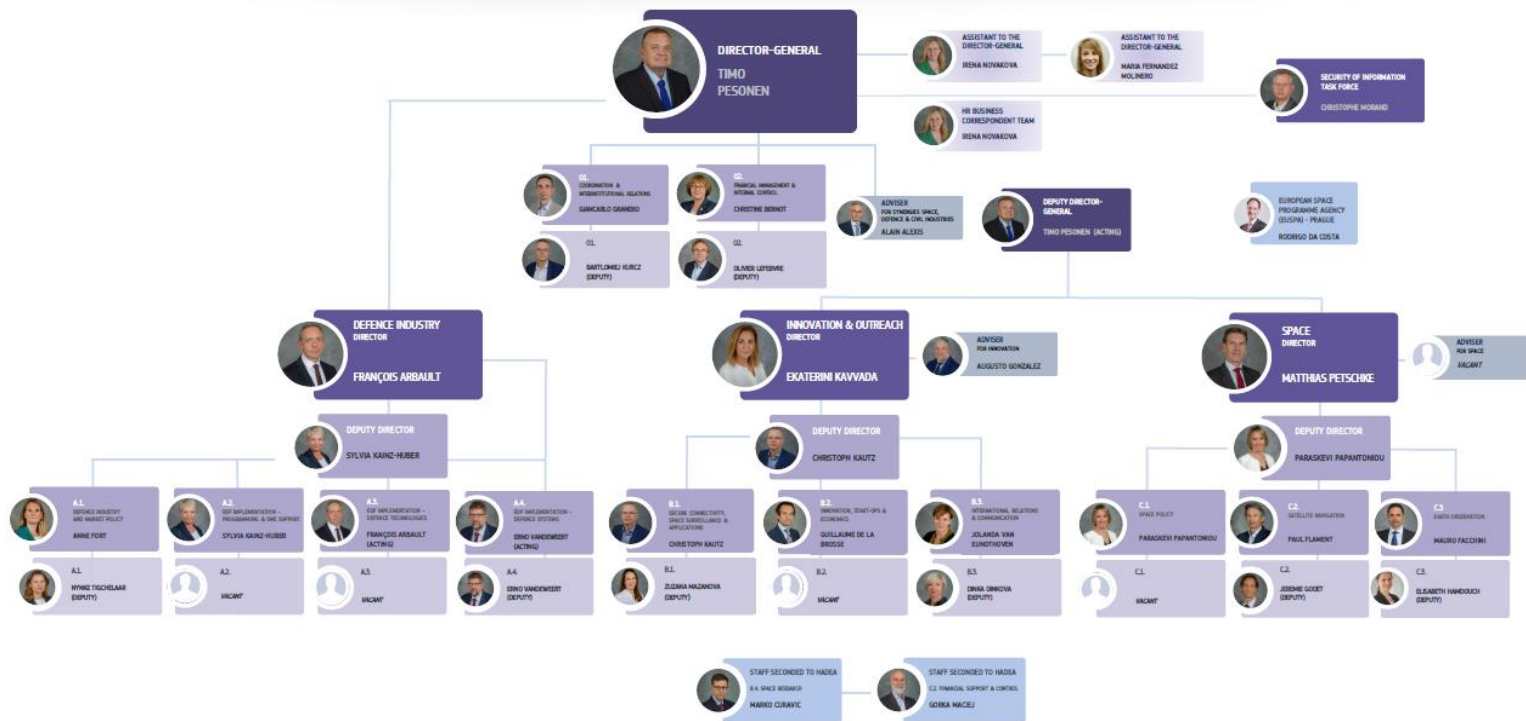
2021 utlysningen – norsk deltakelse

15 Calls categories	37 Topics addressed by the calls	Indicative budget for the call			
 Defence medical response, Chemical Biological Radiological Nuclear (CBRN), biotech and human factors	Detection, identification and monitoring (DIM) of CBRN threats (Research)	€18.5 M	●	 Materials and components	Materials and structures for enhanced protection in hostile environments (Research) €40 M
	Defence medical countermeasures (Development)	€50 M	● H		Advanced radiofrequency components (Research) €40 M
 Information Superiority	High-altitude platform systems (Development)	€70 M	● H	 Air combat	Next generation rotorcraft technologies (Research) €40 M
	Robust defence multi-dimensional communications (Development)	€70 M	● H		Enhanced pilot environment for air combat (Development) €150 M
 Advanced passive and active sensors	Infrared detectors (Research)	€38 M	● H	 Air and missile defence	European interoperability standard for collaborative air combat (Development) €150 M
	Advanced radar technologies (Research)	€38 M	●		Endo-atmospheric interceptor – concept phase (Development) €100M
 Cyber	Improving cyber defence and incident management with artificial intelligence (Research)	€13.5 M	● H	 Ground combat	Improved warheads (Research) €10 M
	Improved efficiency of cyber trainings and exercises (Development)	€20 M	●		Future modular ground vehicles and enabling technologies, including green technologies (Development) €150 M
 Space	Space and ground-based navigation warfare (NAVWAR) surveillance (Development)	€50 M	●	 Force protection and mobility	Unmanned ground vehicle technologies (Development) €150 M
	European protected waveform and accompanying technologies for resilient satellite communications against jamming (Development)	€50 M	●		Beyond line of sight collaborative close combat architecture (Development) €150 M
 Digital transformation	Frugal learning for rapid adaptation of AI systems (Research)	€18.5 M	●	 Naval combat	Development of full-size demonstrators for soldier systems (Development) €50 M
	Military multi-domain operations cloud (Development)	€40 M	●		Development of a digital system for the secure and quick exchange of information related to military mobility (Development) €50 M
 Energy resilience and environmental transition	Energy independent and efficient systems for military camps (Development)	€18.5 M	●	 Disruptive technologies	Digital ship and ship digital architecture (Research) €43.5 M
	Next generation electrical energy storage for military forward operation bases (Development)	€133 M	●		Ship Structural Health Monitoring (Research) €43.5 M
	Alternative propulsion and energy systems for next generation air combat systems (Development)	€133 M	●	 Open calls for innovative defence technologies	Multirole and modular offshore patrol vessel (Development) €60 M
					Quantum technologies for defence (Research) €60 M
					Non-line-of-sight optical sensors applications (Research) €60 M
					Over-the-horizon radars applications (Research) €60 M
					New materials and technologies for additive manufactured defence applications (Research) €60 M
					Open call addressing disruptive technologies for defence (Research) €10 M (€4 M/action)
					Open call focused on SMEs for research on innovative and future-oriented defence solutions (Research) €17.5 M (€4 M/action)
					Open call dedicated to SMEs for development of innovative and future-oriented defence solutions (Development) €36 M (€4 M/action)

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Avtaleverket





DATE OF EFFECT: 01/10/2021

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