

# INFORMATION DAY

## SLOVENIA

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LJUBLJANA  
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Does not represent an official legal opinion  
of the European Commission



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# **EDF KEY PRINCIPLES**

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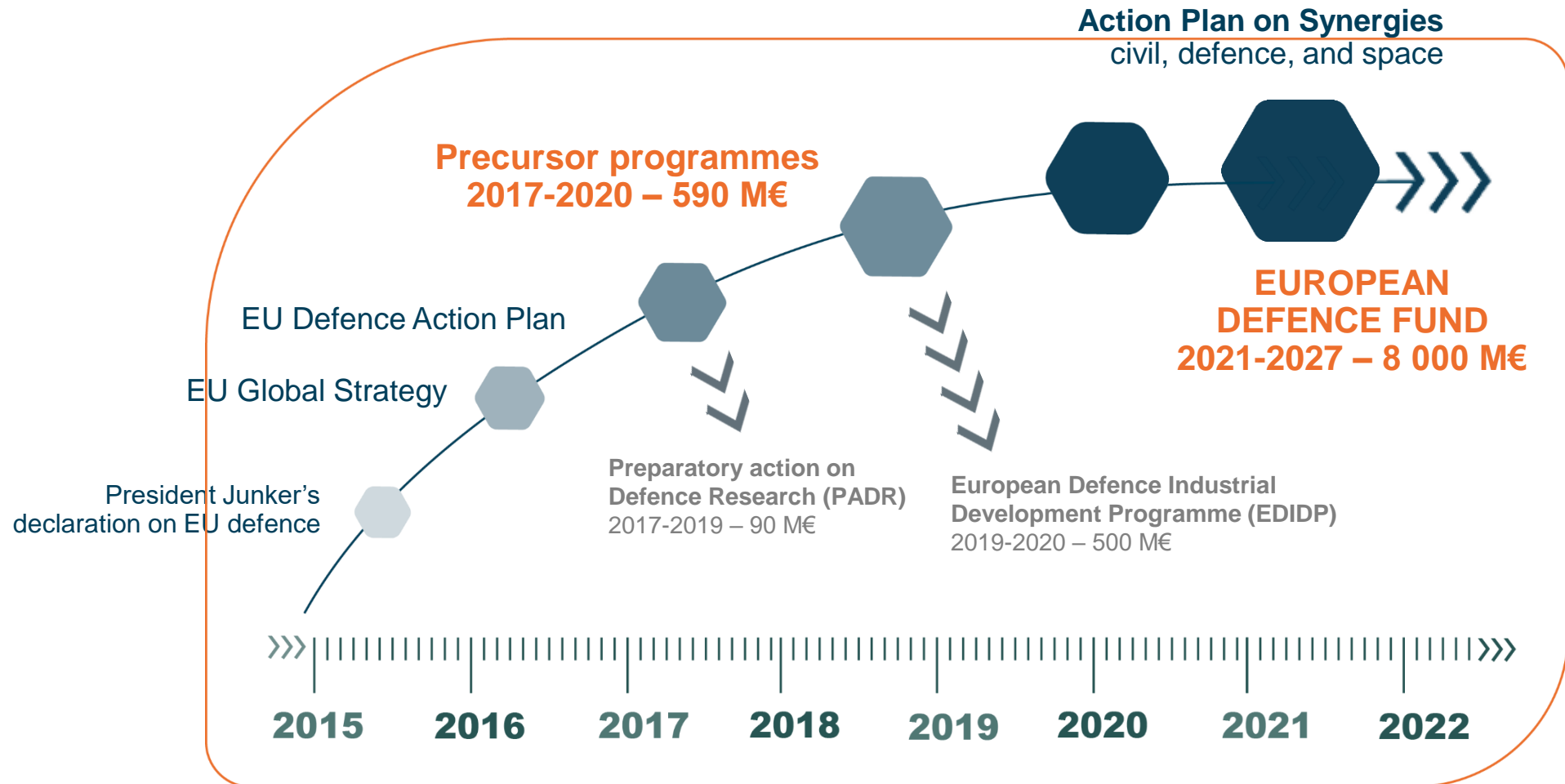


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# Ramping-up the EU's ambition for a more collaborative approach to defence capabilities building

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**Strategic compass**  
spend more and better in  
Defence, strategic enablers,  
capabilities and innovation

**Defence Package**  
joint procurement, critical  
technologies, defence  
innovation scheme...

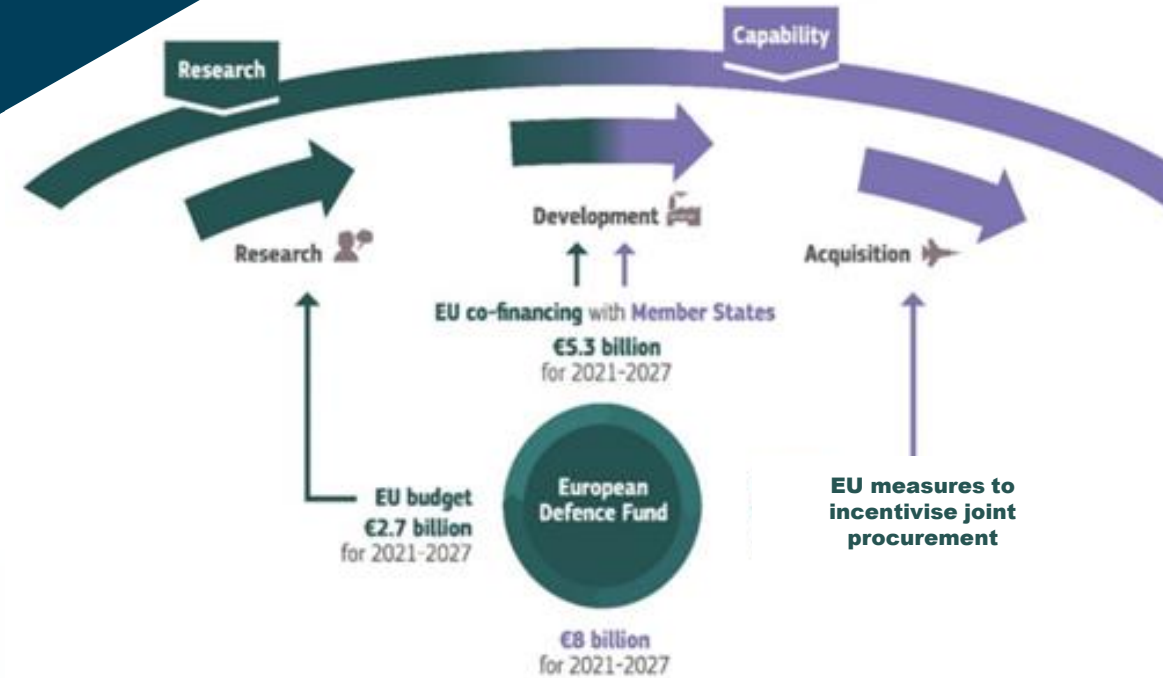
**Versailles declaration**

**DEFENCE CROSS-BORDER R&D**

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# European Defence Fund: Key objectives

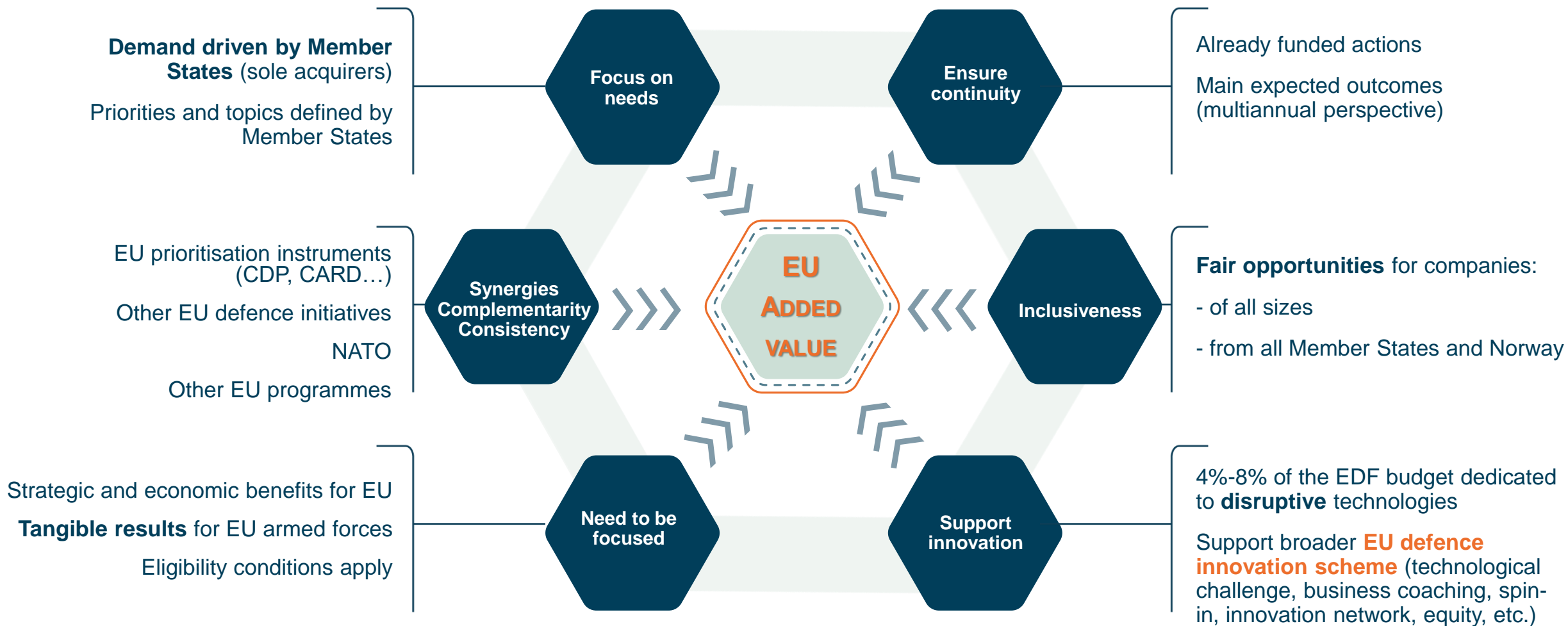
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- **EDF financial support mainly in the form of grants**
- **Open to EU Member States and Norway**
- **Security-based participation conditions for entities controlled by third-countries**

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# General principles governing implementation

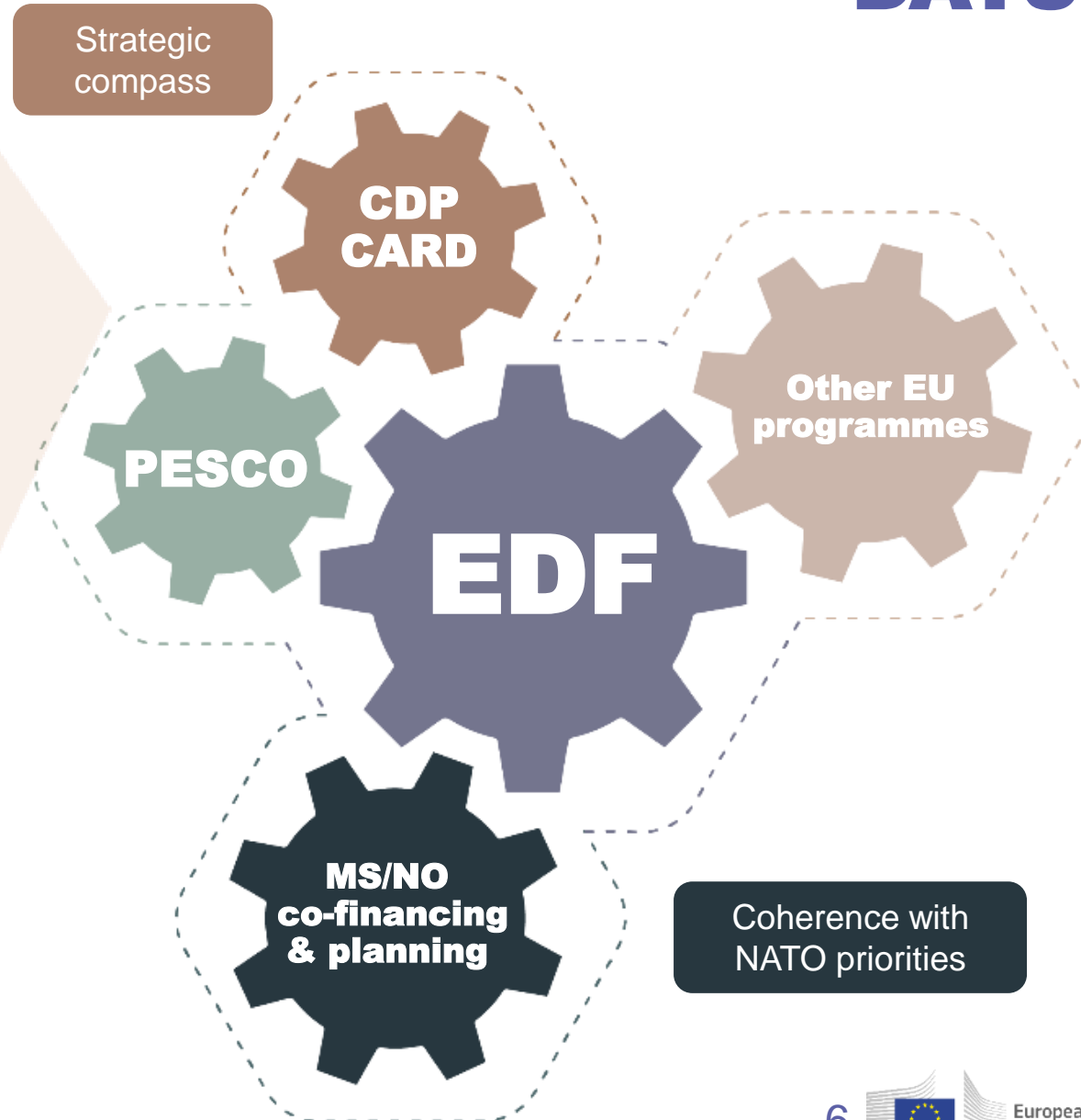


# EDF: key enabler in larger EU eco-system

- EDF annual Work programmes **informed by:**

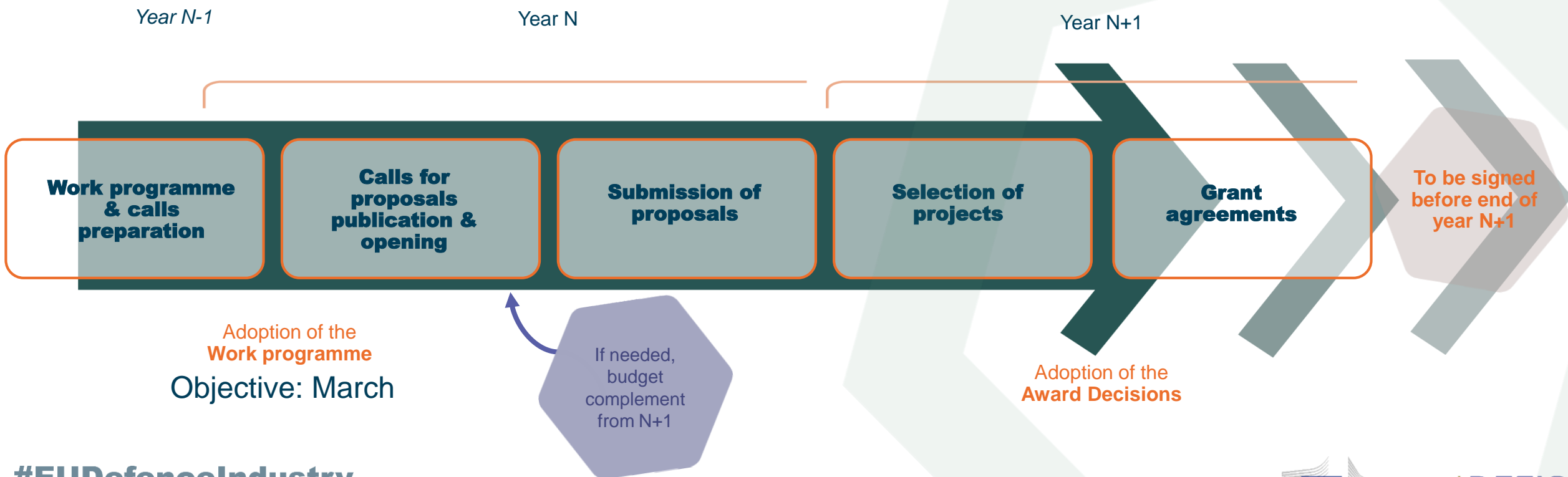
- **Capability Development Plan (CDP):** consistency with commonly agreed priorities
- **Coordinated Annual Review on Defence (CARD):** opportunities for collaborative R&D
- **Permanent Structured Cooperation (PESCO) projects**
- **Synergies and complementarity** with other EU programmes

- EDF multiannual perspective **informed by MS/NO co-financing & planning**



Annual work programmes and calls for proposals + indicative **multiannual perspective**

**Member States** (“EDF Programme Committee”) to validate the annual **work programme** (WP) and the **selection of projects** (awards) to be funded following the calls for proposals





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# **OUTCOME OF EDF 2021 CALLS FOR PROPOSALS**

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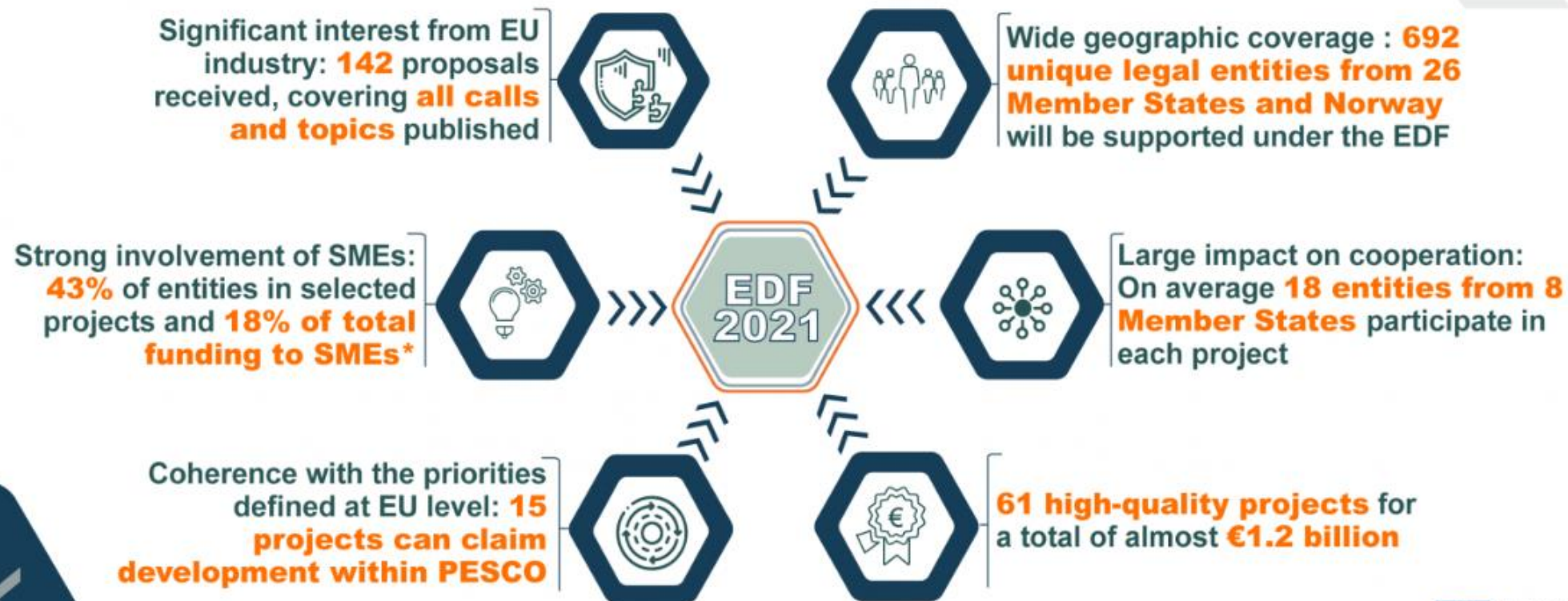
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# Outcome of the EDF 2021 calls for proposals

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## KEY FIGURES



\* Does not include subcontracted tasks



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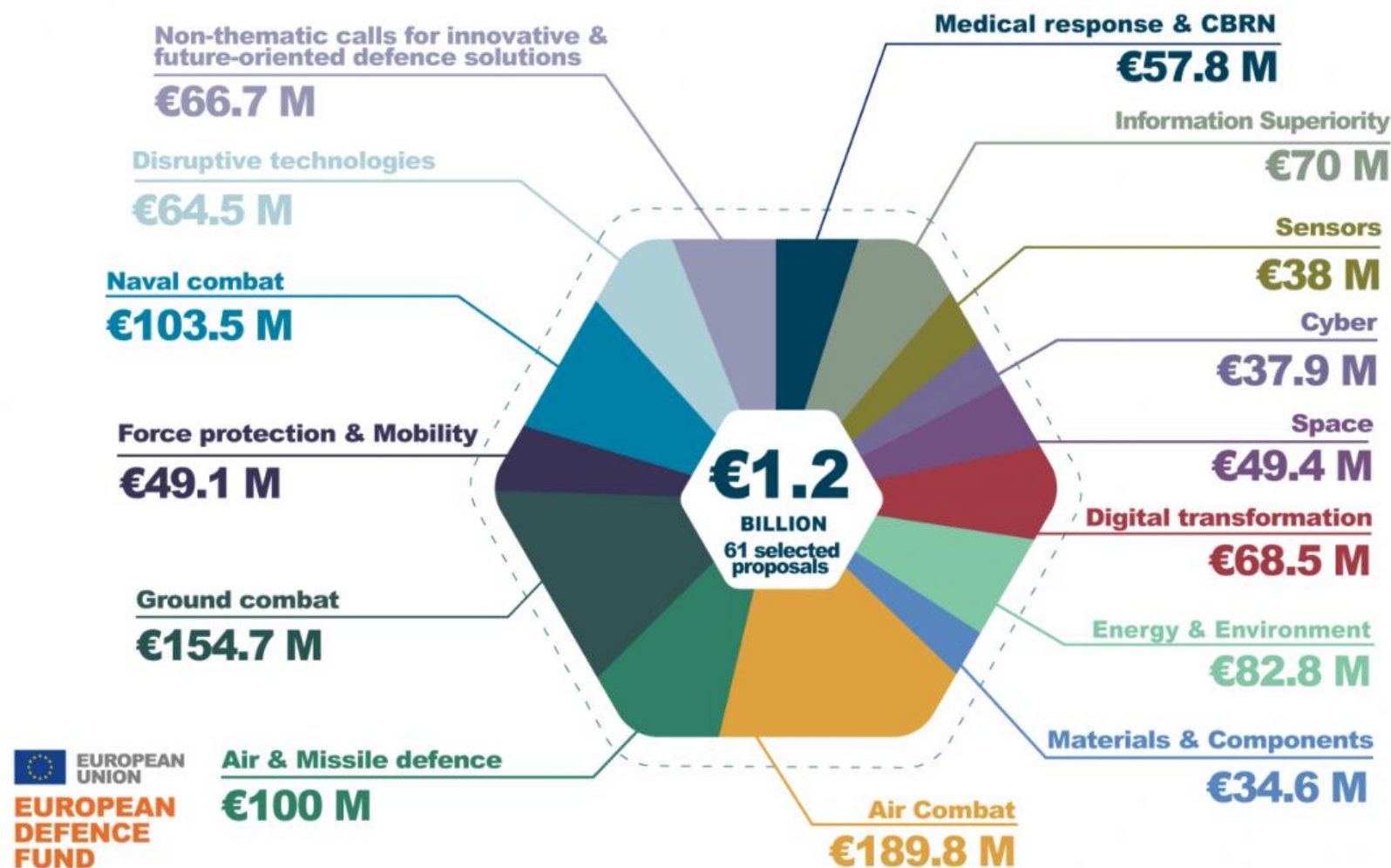
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# Outcome of the EDF 2021 calls for proposals

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## SELECTED PROJECTS BY CATEGORIES (IN GRANT AMOUNT)



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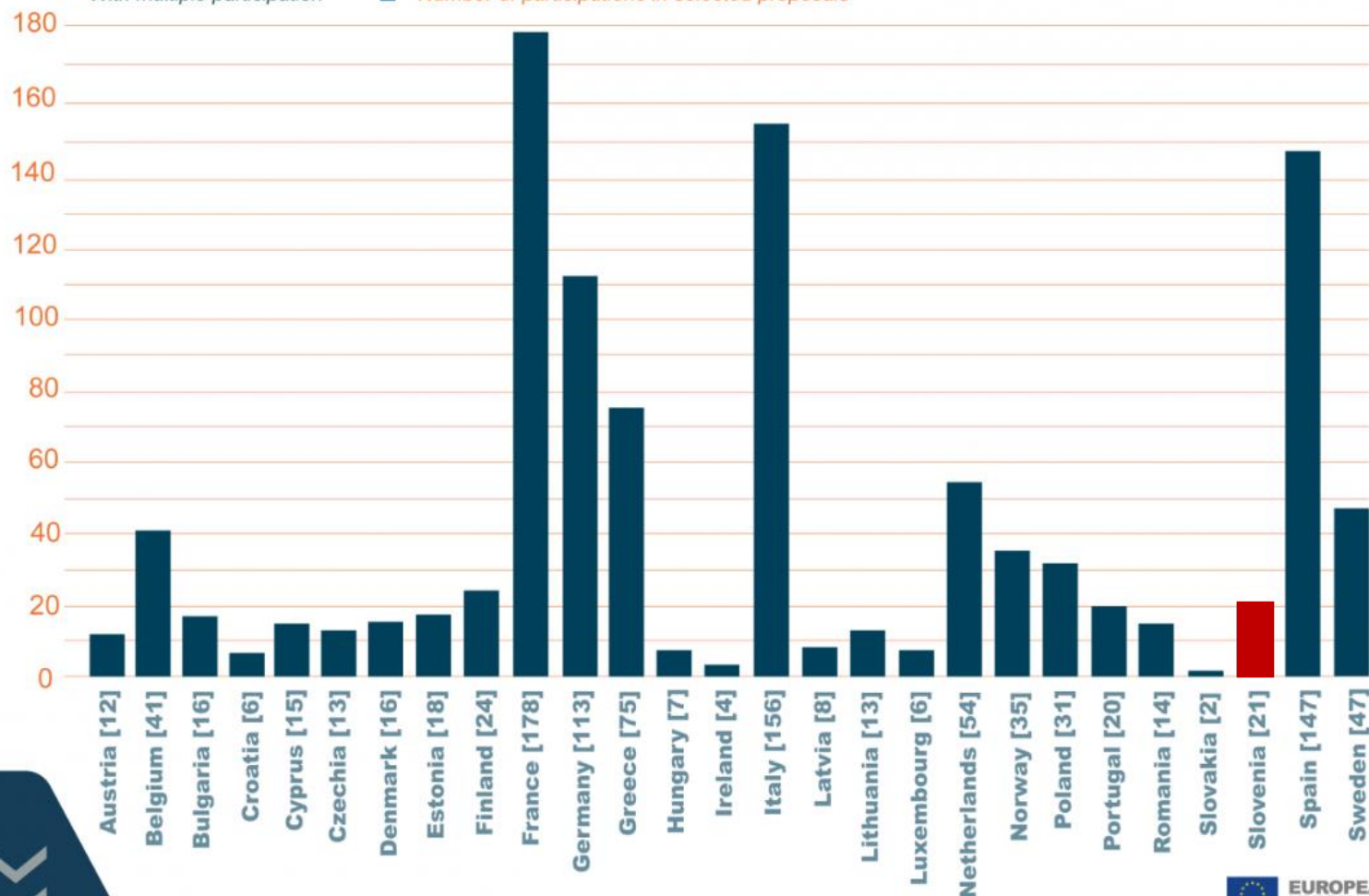
# Outcome of the EDF 2021 calls for proposals

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## DISTRIBUTION OF ENTITIES IN SELECTED PROPOSALS\*\*

\*\* With multiple participation

■ Number of participations in selected proposals



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# **OVERVIEW OF EDF 2022 CALLS FOR PROPOSALS**

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# EDF Categories of Actions

## Addressed by annual work programmes & calls for proposals



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**Medical response, CBRN & human factors**



**Information superiority**



**Sensors**



**Cyber**



**Space**



**Digital transformation**



**Energy resilience & environmental transition**



**Materials and components**



**Air combat**



**Air and Missile defence**



**Ground combat**



**Force protection and mobility**



**Naval combat**



**Underwater warfare**



**Simulation and training**



**Horizontal  
categories**



**Disruptive technologies**



**Innovative defence technologies  
(SMEs)**

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# EDF Work Programme 2022

EUR 924 million

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33 topics

Opening of the calls: 21 June 2022

Deadline for submission: 24 November 2022

|  |                                    |  |                         |   |                                  |  |                         |
|--|------------------------------------|--|-------------------------|---|----------------------------------|--|-------------------------|
|    | <b>Medical Response &amp; CBRN</b> | <ul style="list-style-type: none"> <li>Diagnostics, treatment, transport and monitoring of highly contagious, injured and/or contaminated personnel</li> <li>FPA on medical countermeasures</li> </ul> | 25 M€<br>n.a.           |    | <b>Air combat</b>                | <ul style="list-style-type: none"> <li>Airborne electronic warfare</li> </ul>  | 40 M€                   |
|    | <b>Information superiority</b>     | <ul style="list-style-type: none"> <li>SES interoperability</li> <li>European command and control</li> <li>Special operations command post</li> </ul>  | 20 M€<br>30 M€<br>20 M€ |    | <b>Ground combat</b>             | <ul style="list-style-type: none"> <li>Collaborative ground combat</li> </ul>  | 50 M€                   |
|    | <b>Sensors</b>                     | <ul style="list-style-type: none"> <li>Covert sensing</li> <li>Advanced radar technologies</li> </ul>  | 25 M€<br>15 M€          |    | <b>Protection &amp; Mobility</b> | <ul style="list-style-type: none"> <li>Medium size tactical cargo</li> </ul>   | 30 M€                   |
|    | <b>Cyber</b>                       | <ul style="list-style-type: none"> <li>Adapting Cyber Situational Awareness</li> <li>Cyber and information warfare toolbox</li> <li>Cybersecurity and systems for improved resilience</li> </ul>       | 10 M€<br>33 M€<br>27 M€ |    | <b>Naval combat</b>              | <ul style="list-style-type: none"> <li>Medium size semi-autonomous vessel</li> <li>Naval collaborative surveillance</li> </ul>   | 65 M€<br>65 M€          |
|    | <b>Space</b>                       | <ul style="list-style-type: none"> <li>Responsive space system</li> <li>Innovative space ISR capabilities</li> <li>Space-based missile early warning</li> </ul>  | 20 M€<br>40 M€<br>90 M€ |    | <b>Underwater warfare</b>        | <ul style="list-style-type: none"> <li>Underwater manned-unmanned teaming and swarms</li> <li>Underwater ODAC</li> </ul>   | 25 M€<br>30 M€          |
|   | <b>Digital transformation</b>      | <ul style="list-style-type: none"> <li>Hidden threats detection (challenge, 2 topics)</li> <li>Shared databases for image recognition</li> </ul>   | 25 M€<br>25 M€          |    | <b>Simulation and training</b>   | <ul style="list-style-type: none"> <li>Modelling, simulation and simulators integration</li> </ul>   | 30 M€                   |
|  | <b>Energy &amp; Environment</b>    | <ul style="list-style-type: none"> <li>Sustainable components for underwater applications</li> </ul>   | 20 M€                   |   | <b>Disruptive technologies</b>   | <ul style="list-style-type: none"> <li>Adaptive camouflage</li> <li>Electromagnetic artillery demonstrator</li> <li>Non-thematic research</li> </ul>   | 15 M€<br>15 M€<br>10 M€ |
|  | <b>Materials &amp; Components</b>  | <ul style="list-style-type: none"> <li>Packaging technologies for critical components</li> <li>Smart and multifunctional textiles</li> </ul>   | 25 M€<br>20 M€          |  | <b>SMEs</b>                      | <ul style="list-style-type: none"> <li>Non-thematic research for SMEs and ROs</li> <li>Non-thematic development for SMEs</li> </ul>  | 17.6 M€<br>36.5 M€      |
|  |                                    |  |                         | +   | <b>Others</b>                    | <ul style="list-style-type: none"> <li>CSA for national focal points</li> <li>External expertise, audits and IT systems</li> <li>Business coaching for SMEs</li> <li>Blending facility for equity funding for SMEs/Mid-Caps</li> </ul> | 1,5 M€<br>3 M€<br>20 M€ |

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Legend: Research Development

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# EDF 2022 Call structure

Type of Action and Type of Model Grant Agreement as central elements in WP structuring (*e-grants*)

| 8 calls                       |   |  |
|-------------------------------|---|--|
| Type of Action                | <ul style="list-style-type: none"><li>○ EDF-FPA: European Defence Fund-Framework Partnership Agreement</li><li>○ EDF-RA: European Defence Fund-Research Action</li><li>○ EDF-LSRA: European Defence Fund- Lump Sum-Research Action</li><li>○ EDF-DA: European Defence Fund-Development Action</li><li>○ EDF-LSDA: European Defence Fund- Lump sum-Development Action</li><li>○ EDF-CSA: European Defence Fund-Coordination and Support Action</li></ul> | EDF-2022-FPA<br><br>EDF-2022-RA<br><br>EDF-2022-LS-RA-CHALLENGE<br>EDF-2022-LS-RA-DIS<br>EDF-2022-LS-RA-SMERO<br><br>EDF-2022-DA<br><br>EDF-2022-LS-DA-SME<br><br>EDF-2022-CSA-NFP |
| Type of Model Grant Agreement | <ul style="list-style-type: none"><li>○ EDF-FPA-AG: European Defence Fund-Framework Partnership Agreement- Action Grant</li><li>○ EDF-AG: European Defence Fund- Action Grant</li><li>○ EDF-AG-LS: European Defence Fund- Action Grant-Lump Sum</li></ul>   |  |

- Each proposal shall be submitted against one topic
  - Each topic is structured in sections
    - Objectives (General/Specific) }
    - Scope }
    - Types of activities (\*) }
    - Functional requirements }
    - Expected impact }
- Context setting and description of problem/shortfall to be solved/addressed (capability, technology, operational,...)
-  **MANDATORY** (unless otherwise specified in the text)  
→ **!!! Eligibility of the action !!!** ←
- Compliance evaluated against the award criteria

(\*) Article 10(3) of EDF regulation: a) generating knowledge; b) integrating knowledge; c) studies; d) design; e) prototyping; f) testing; g) qualification; h) certification; i) increasing efficiency



# Scope & Type of activities

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## Scope

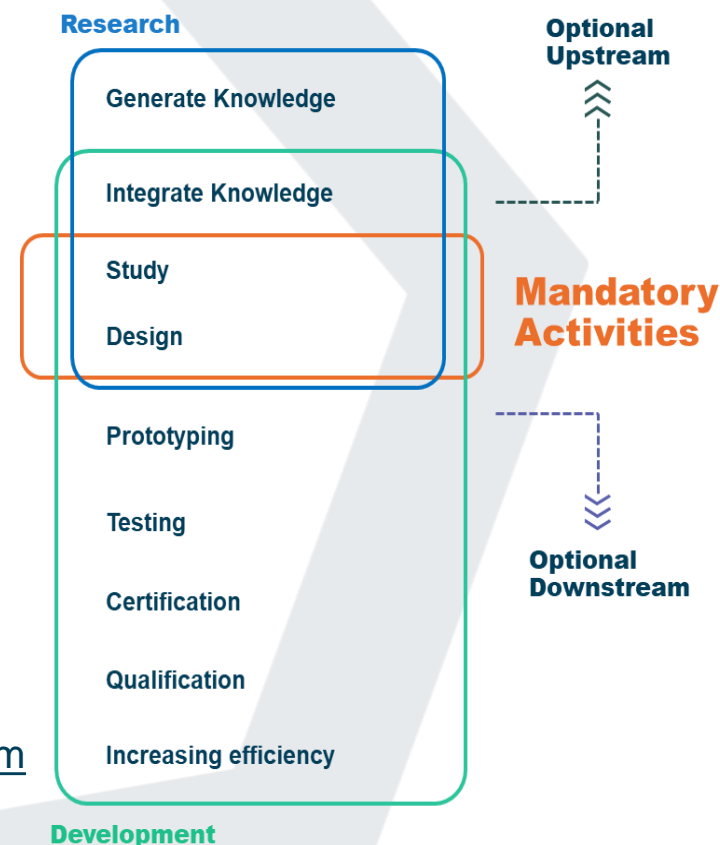
- Main expected action **objective/output(s)**
- Key specificities and features (functions /subsystems, operational environment and platforms....)

## Type of Activities

- Mandatory/optional subset per topic / type of action
- Implementation options: specific deliverables/tasks, expected functions, targeted demonstrators or prototypes, testing features...
- Note: Optional upstream or downstream activities/tasks taken into account in award criteria



*Illustration*



# Functional requirements & Expected impact

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## Functional Requirements

- Specific technical requirements
- Components/functionalities/capacities to be included
- Standards and interfaces to be addressed
- SWAP (Size, Weight, Power Consumption) and other performances (e.g. range)
- *Note: Not defined for “non-thematic” topics*

### Taken into account as part of the award criteria

## Expected Impact

- Contribution to specific defence capabilities and/or strategic objectives
- EU Industrial and Market Competitiveness
- EU Strategic autonomy (supply chain, security of supply)
- Interoperability
- Technological progress
- ...

# EDF-2022-DA: “thematic” Development call

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12 topics

EDF-DA: European Defence Fund -  
Development Action

EDF-AG: European Defence Fund –  
Action Grant

## CALL ID

EDF-2022-DA

## TOPIC ID

EDF-2022-DA-C4ISR-EC2  
EDF-2022-DA-C4ISR-SOFC2  
EDF-2022-DA-CYBER-CIWT  
EDF-2022-DA-CYBER-CSIR  
EDF-2022-DA-SPACE-ISR  
EDF-2022-DA-SPACE-SBMEW  
EDF-2022-DA-MATCOMP-SMT  
EDF-2022-DA-AIR-AEW  
EDF-2022-DA-GROUND-CGC  
EDF-2022-DA-NAVAL-MSAS  
EDF-2022-DA-NAVAL-NCS  
EDF-2022-DA-SIMTRAIN-MSSI

## BUDGET

EUR 510 000 000



# EDF-2022-DA: Topics (1/2)

| Topic/Budget                            | Title  | Scope*   | Types of activities                            | Max. nb of projects |
|---|--|--|--|---------------------|
| <b>EDF-2022-DA-C4ISR-EC2</b><br>30 M€   | European command and control system  | Demonstration of C2 capability and associated services and functionalities with a software model           | Design (+up/down)                              | 1                   |
| <b>EDF-2022-DA-C4ISR-SOFC2</b><br>20 M€ | Deployable special operations forces multi-environment command post and C2 System                      | Initial Operation and test of deployable infrastructure, systems and user terminal                         | Study, Design, Prototyping, Testing (+up/down) | 1                   |
| <b>EDF-2022-DA-CYBER-CIWT</b><br>33M€   | Cyber and information warfare toolbox  | EU Library and experimental platform of software components for Cyber and Information Warfare operations   | Design, Prototyping (+up/down)                 | no                  |
| <b>EDF-2022-DA-CYBER-CSIR</b><br>27 M€  | Cybersecurity and systems for improved resilience  | Design and/or Demonstration of a Cyber Physical Test lab with hardware/software tools                      | Study, Design (+up/down)                       | no                  |
| <b>EDF-2022-DA-SPACE-ISR</b><br>40 M€   | Innovative multi-sensor space-based Earth observation capabilities towards persistent and reactive ISR | Architectural study for a future small sat Earth Observation constellation for near-real time tactical use | Study, design (+up/down)                       | 1                   |
| <b>EDF-2022-DA-SPACE-SBMEW</b><br>90 M€ | Space-based missile early warning  | System architecture, CONOPS and critical technologies for an European EW and tracking system               | Study, Design (+up/down)                       | 1                   |

# EDF-2022-DA: Topics (2/2)

| Topic/Budget                              | Title   | Scope*   | Types of activities                                   | Max. nb of projects |
|---|---|--|---|---------------------|
| <b>EDF-2022-DA-MATCOMP-SMT</b><br>20 M€   | <b>Smart and multifunctional textiles</b>   | Integration of a modular soldier (wearable) equipment and testing in different environments                        | <i>Study, Design, Prototyping, Testing (+up/down)</i> | no                  |
| <b>EDF-2022-DA-AIR-AEW</b><br>40 M€       | <b>Airborne electronic warfare</b>  | Development of technological building blocks and a prototype airborne electronic attack capability demonstrator    | <i>Design, Prototyping, Testing (+up/down)</i>        | 1                   |
| <b>EDF-2022-DA-GROUND-CGC</b><br>50M€     | <b>Collaborative combat for land forces</b>   | Development of collaborative capabilities through a robust and secure communication framework                      | <i>Study, Design, Prototyping (+up/down)</i>          | no                  |
| <b>EDF-2022-DA-NAVAL-MSAS</b><br>65 M€    | <b>Medium-size semi-autonomous surface vessel</b>   | Prototyping of a core ISR platform with key components and live trials in harbour and sea                          | <i>Design, Prototyping, Testing (+up/down)</i>        | 1                   |
| <b>EDF-2022-DA-NAVAL-NCS</b><br>65 M€     | <b>Naval Collaborative Surveillance</b>   | Hardware and software implementation of a full EU NCS capability and test in real environment on-shore and at-sea. | <i>Design, Prototyping, Testing (+up/down)</i>        | 1                   |
| <b>EDF-2022-DA-SIMTRAIN-MSSI</b><br>30 M€ | <b>Modelling, simulation and simulator integration contributing to decision-making and training</b> | Validation and demonstration of a modular and flexible environment for enhanced military multi-domain M&S          | <i>Study, Design, Prototyping (+up/down)</i>          | 1                   |

# EDF-2022-RA: “thematic” Research call

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12 topics

EDF-RA: European Defence Fund -  
RESEARCH Action

EDF-AG: European Defence Fund –  
Action Grant

## CALL ID

EDF-2022-RA

## TOPIC ID

EDF-2022-RA-MCBRN-HICP  
EDF-2022-RA-C4ISR-AIRC2  
EDF-2022-RA-SENS-CSENS  
EDF-2022-RA-SENS-ART  
EDF-2022-RA-CYBER-CSACE  
EDF-2022-RA-SPACE-RSS  
EDF-2022-RA-DIGIT-DBIR  
EDF-2022-RA-ENERENV-CUW  
EDF-2022-RA-MATCOMP-PACOMP  
EDF-2022-RA-PROTMOB-FMTC  
EDF-2022-RA-UWW-UTS  
EDF-2022-RA-UWW-ODAC

## BUDGET

EUR 270 000 000



# EDF-2022-RA: Topics (1/2)

| Topic/Budget                            | Title  | Scope*  | Types of activities                      | Max. nb of projects |
|---|--|---|--|---------------------|
| <b>EDF-2022-RA-MCBRN-HICP</b><br>25 M€  | Diagnostics, treatment, transport and monitoring of highly contagious, injured and/or contaminated personnel | Design/adaptation of a CBRN causalities extraction unmanned/robotic platform                                | Design (+upstream)                       | 1                   |
| <b>EDF-2022-RA-C4ISR-AIRC2</b><br>20 M€ | Single European Sky interoperability   | Interoperability demonstration of military Air C2 systems with civ-mil ATC systems against SES rules        | Study, Design (+upstream)                | 1                   |
| <b>EDF-2022-RA-SENS-CSENS</b><br>25M€   | Covert sensing   | Passive or low observable EO/IR, RF, acoustic or innovative detectors for low-signature targets             | Study, Design (+upstream)                | no                  |
| <b>EDF-2022-RA-SENS-ART</b><br>15 M€    | Advanced radar technologies  | Technological advancements up to TRL>4 of radar end EW systems technologies, HW and SW                      | Gen. and Integr. Knowledge Study, Design | no                  |
| <b>EDF-2022-RA-CYBER-CSACE</b><br>10 M€ | Adapting cyber situational awareness for evolving computing environments                                     | Novel solutions for enhanced CSA and CTI technologies/capabilities for tactical/operational decision-making | Study, Design (+upstream)                | no                  |
| <b>EDF-2022-RA-SPACE-RSS</b><br>20 M€   | Responsive space system  | Concept of operations, end-to-end system concept, and architectural alternatives of all components          | Studies (+up/down)                       | 1                   |

# EDF-2022-RA: Topics (2/2)

| Topic/Budget                              | Title   | Scope*   | Types of activities                             | Max. nb of projects |
|---|---|--|---|---------------------|
| <b>EDF-2022-RA-DIGIT-DBIR</b><br>25 M€    | Shared databases and integrated systems for image recognition     | New databases creation, development, integration and objective testing of defence image recognition systems        | Generating and integrating knowledge (+down)    | no                  |
| <b>EDF-2022-RA-ENERENV-CUW</b><br>20 M€   | Sustainable components for underwater applications                | Advance the state-of-the-art in high performance lead-free piezoelectric materials for military underwater sensors | Integrating and generating knowledge (+down)    | 1                   |
| <b>EDF-2022-RA-MATCOMP-PACOMP</b><br>25M€ | Packaging technologies for critical defence components            | Improvement of System-in-Package technologies, architectures and preparation of related tools and pilot lines      | Generating knowledge Study, Design, (+upstream) | no                  |
| <b>EDF-2022-RA-PROTMOB-FMTC</b><br>30 M€  | Future mid-size tactical cargo aircraft                           | Feasibility study for a possible development of a future cargo aircraft for +2035 EU military tactical transport   | Studies (+up/down)                              | no                  |
| <b>EDF-2022-RA-UWW-UTS</b><br>25 M€       | Underwater manned-unmanned teaming and swarms                     | Research on swarm coordination/ collaborations for underwater missions in confined and shallow waters              | Gen. and int. knowledge, Study (+downstream)    | no                  |
| <b>EDF-2022-RA-UWW-ODAC</b><br>30 M€      | Underwater observation, detection, acquisition and communications | Evaluation of critical technologies and integrated demonstrator of improved capability for underwater surveillance | Study, Design, (+upstream)                      | 1                   |





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**[OPEN PARENTHESIS]**  
**EU DEFENCE  
INNOVATION SCHEME  
(EUDIS)**

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**Triggered by the European Defence Fund, the EU Defence Innovation Scheme (EUDIS) will put in place a wide range of support measures to help European innovative companies bring their ideas to defence end-users.**

## WHY?

Innovation is key to **strengthen our defence capabilities**, to **create strategic advantages in the battlefield**, **reduce strategic dependencies** and stay **competitive**.

The EUDIS will help to:

- Increase EU support for Research, Technology Development and Innovation by **investing together, better and European**.
- Foster synergies between **civil, defence and space** research.
- **Overcome barriers** to defence innovation.
- **Introduce and integrate innovative SMEs** into the defence industrial ecosystem.



## WHAT HAS BEEN DONE SO FAR?

**2017-2020**

**PADR & EDIDP**

A new framework for EU-wide and cross-border defence R&D cooperation has been created through PADR, EDIDP.

**2021-2027**

**EDF**

The European Defence Fund (EDF) with inbuilt measures to support innovation and encourage participation of various-sized companies across all Member States.

**2021**

**ACTION PLAN  
ON SYNERGIES**

To foster synergies between civil, defence & space industries.

**2022**

**Milestones**

The Defence Package, the Strategic Compass, the Versailles Declaration.





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**[CLOSE PARENTHESIS]  
EU DEFENCE  
INNOVATION SCHEME  
(EUDIS)**

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# Technological challenge

2 topics

EDF-LS-RA: European Defence Fund-  
Lump Sum Grant - Research Action

EDF-AG-LS: European Defence Fund-  
Lump Sum Grant

## CALL ID

EDF-2022-LS-RA-  
CHALLENGE

## TOPIC ID

EDF-2022-LS-RA-CHALLENGE-DIGIT-HTDO  
EDF-2022-LS-RA-CHALLENGE-DIGIT-HTDP

## BUDGET

EUR 25 000 000

- Lump sum broken down by participant and work package
- Paid for completion of work package

Lump Sum

Preliminary  
evaluation  
plan

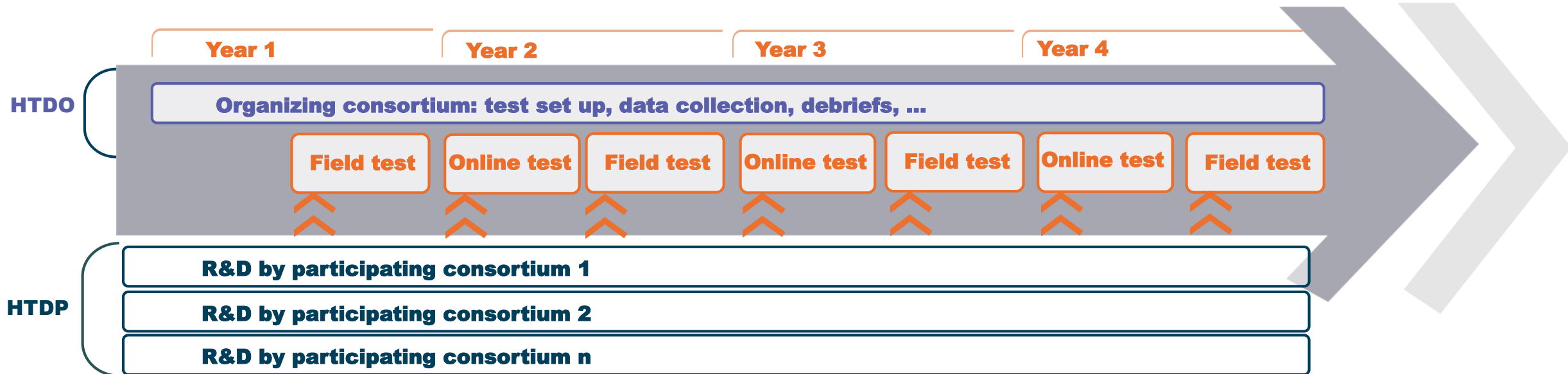
- Annex to the 'call document' (link under 'topic conditions and documents')





# EDF-2022-LS-RA-CHALLENGE: Topics

| Topic/Budget   | Title  | Scope*  | Types of activities              | Max. nb of projects |
|--|--|---|----------------------------------|---------------------|
| <b>EDF-2022-LS-RA-CHALLENGE-DIGIT-HTDO</b><br>5 M€                         | Unmanned ground and aerial systems for hidden threats detection – Organisation of a technological challenge  | Organisation of a technological challenge on IED and landmine detection                       | Integrating knowledge (+up/down) | 1                   |
| <b>EDF-2022-LS-RA-CHALLENGE-DIGIT-HTDP</b><br>20 M€<br>(5 M€ per proposal) | Unmanned ground and aerial systems for hidden threats detection – Participation to a technological challenge | Technological solutions to detect and characterise IEDs and landmines in complex environments | Generating knowledge (+down)     | no                  |



# Disruptive technologies for defence

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3 topics

EDF-LS-RA: European Defence Fund-  
Lump Sum Grant - Research Action

EDF-AG-LS: European Defence Fund-  
Lump Sum Grant

## CALL ID

EDF-2022-LS-RA-DIS

## TOPIC ID

EDF-2022-LS-RA-DIS-AC

EDF-2022-LS-RA-DIS-EAD

EDF-2022-LS-RA-DIS-NT (NON-THEMATIC TOPIC)

## BUDGET

EUR 40 000 000

Lump Sum

Eligibility

- Involving **at least two legal entities** established in at least two different Member States or associated countries





# EDF-2022-LS-RA-DIS: Topics

| Topic/Budget   | Title  | Scope*  | Types of activities                                 | Max. nb of projects |
|--|--|---|---|---------------------|
| <b>EDF-2022-LS-RA-DIS-AC</b><br>15 M€                        | <b>Innovative technologies for adaptive camouflage</b>                             | Investigation of signature adaptation in optical and radar spectral ranges and tests on technology demonstrator | <i>Gen knowledge, Int. knowledge, Study, Design</i> | no                  |
| <b>EDF-2022-LS-RA-DIS-EAD</b><br>15 M€                       | <b>Electromagnetic artillery demonstrator</b>                                      | Maturation of medium caliber electromagnetic gun, including power supply and hypervelocity projectile           | <i>Gen knowledge, Int. knowledge, Study, Design</i> | no                  |
| <b>EDF-2022-LS-RA-DIS-NT</b><br>10 M€<br>(4 M€ per proposal) | <b>Non-thematic research actions targeting disruptive technologies for defence</b> | Cutting-edge, high-risk/high-impact research leading to game-changing impact in a defence context               | <i>Generating knowledge (+downstream)</i>           | no                  |

**'Disruptive technology for defence':**  
*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*

- »»» beyond incremental progress
- »»» system-wide consequences
- »»» with a concept for use and application

# Non-thematic topic on Disruptive technologies for defence

Topic ID: EDF-2022-LS-RA-DIS-NT

## Technological target

- Concept of application
- Experimentally assessable

## New future technology

- Cutting-edge
- Radical vision

## High-risk / high-impact

- High-risk accepted
- Mitigation of risks

## Potential impact in the defence context

- Disruptive
- Game-changing

### Several actions

≥2 entities from 2 MS/AC

Max 4M€ per action

Lump sums

Business coaching for SMEs

# Non-thematic research call for SMEs and ROs

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1 topic

EDF-LS-RA: European Defence Fund-  
Lump Sum Grant - Research Action

EDF-AG-LS: European Defence Fund-  
Lump Sum Grant

| Topic/Budget   | Title   | Scope*   | Types of activities  | Max nb of projects |
|--|---|--|--|--------------------|
| <b>EDF-2022-LS-RA-SMERO-NT</b><br>17,6 M€<br>(4 M€ per proposal) | Non-thematic research actions by<br>SMEs and research organisations | Innovative technologies and solutions<br>for defence | Any activities for<br>research actions<br><br>No study alone | no                 |

- **Consortium of SMEs and research organisations, coordinated by an SME**
- **Up to 40% of funding to research organisations**
- **Limit of 30% funding in subcontracting per beneficiary**

Eligibility

Lump Sum  
Business  
coaching  
for SMEs



# Non-thematic development call for SMEs

1 topic

EDF-LS-RA: European Defence Fund-  
Lump Sum Grant - Research Action

EDF-AG-LS: European Defence Fund-  
Lump Sum Grant

| Topic/Budget   | Title                                    | Scope*  | Types of activities   | Max nb of projects |
|--|--|---|---|--------------------|
| <b>EDF-2022-LS-DA-SME-NT</b><br>36,5 M€<br>(4 M€ per proposal) | Non-thematic development actions by SMEs | Innovative technologies and solutions for defence | Any activities for development actions<br>at least one from Design and beyond | no                 |

- Consortium of **SMEs only**
- Limit of 30% funding in subcontracting per beneficiary

Eligibility

Lump Sum  
Business coaching for SMEs



# Business coaching in the EDF for SMEs

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EDF non-thematic topics

EDF-2022-LS-DA-SME-NT

EDF-2022-LS-RA-SMERO-NT

EDF-2022-LS-RA-DIS-NT

SME beneficiaries may be offered Business Coaching



Coaches guide SMEs in their business challenges

For 2 years

Reduce the time from research to development, or from development to the market  
Boost growth of SMEs



# Medical countermeasures FPA (1/2)

1 topic

EDF-FPA: European Defence Fund-  
Framework Partnerships

EDF-FPA-AG: European Defence Fund-  
Framework Partnership

| Topic/Budget  | Title   | Scope*   | Types of activities  | Max nb of FPA |
|---|---|--|--|---------------|
| <b>EDF-2022-FPA-MCBRN-MCM</b><br><i>No budget to set-up the FPA</i> | European defence medical countermeasures alliance | R&D of medical countermeasures against CBRN threats through a long-term open and sustainable cooperation | <i>Any eligible activities for research or development actions</i> | 1             |

- **Does not entail financial support**
- **Establishes an alliance of partners** to perform R&D and integrate MCMs
- **Partners can participate in subsequent actions (specific grant agreements) giving rise to EU funding**



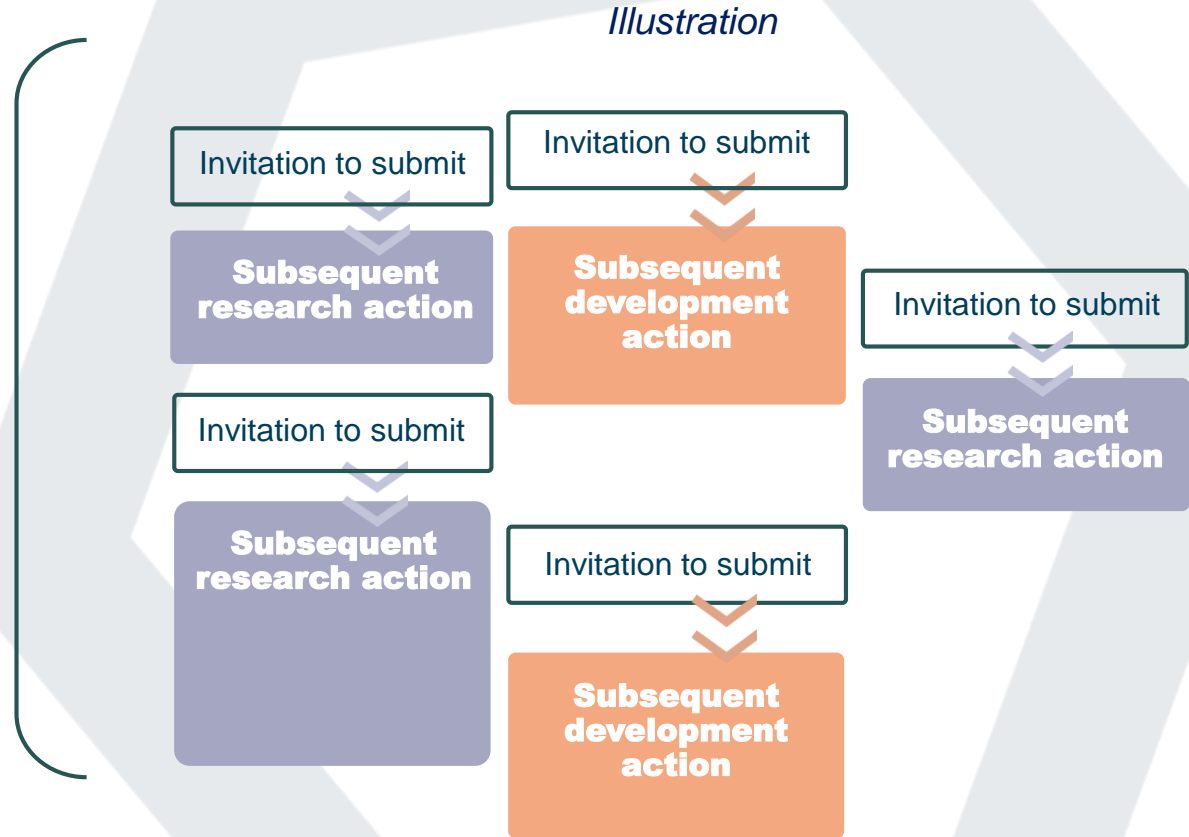
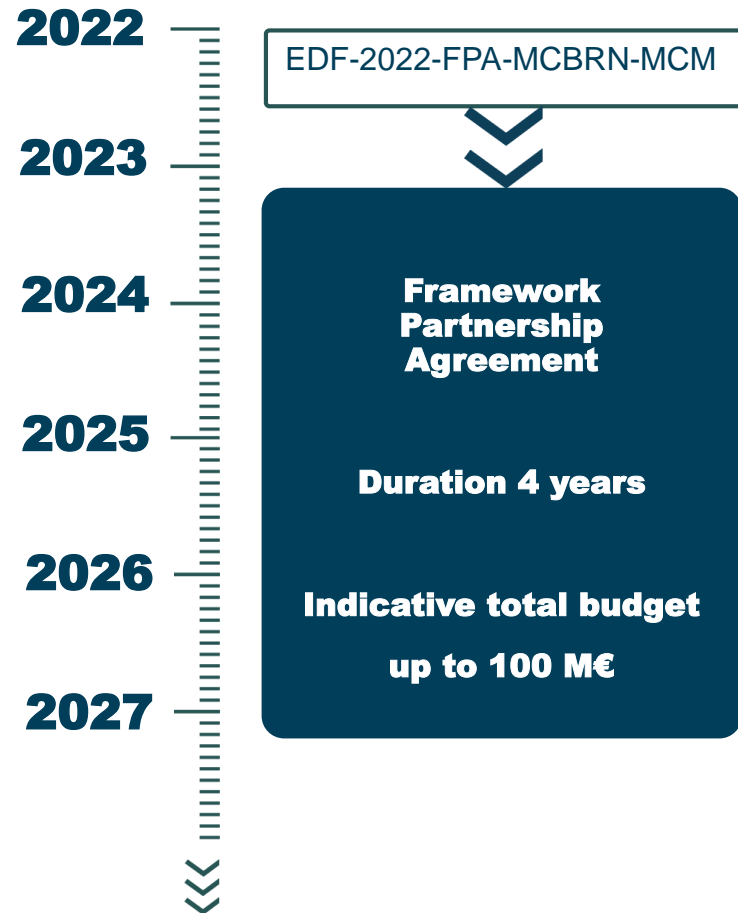
**Framework  
Partnership  
Agreement**

**Multiannual  
action plan**

- **Roadmap for technology innovation** (activities, work packages, milestones, rough budget estimates)
- **Standard template and evaluation based on EDF criteria for research actions**

# Medical countermeasures FPA (2/2)

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- Invitation to submit a proposal addressed to FPA partners
- In line with the action plan but can include additional requirements
- Specific grant agreements (SGA) with budget ~ 10 – 40 M€ each

# National Focal Points (1/2)

nominated by (all) Member States and Norway

supported by national structures under their responsibility/control

inspired by National Contact Points in Horizon Europe



## Find your NFP

Through our website under

EU Defence Policy > Network of European Defence Fund National Focal Points (NFP)

[https://ec.europa.eu/defence-industry-space/network-european-defence-fund-national-focal-points-nfp-0\\_en](https://ec.europa.eu/defence-industry-space/network-european-defence-fund-national-focal-points-nfp-0_en)

## Main tasks:

- provide practical information and assistance on all aspects of participation in EDF
- organise awareness raising events
- help with partner search
- signpost to relevant national/EU sources



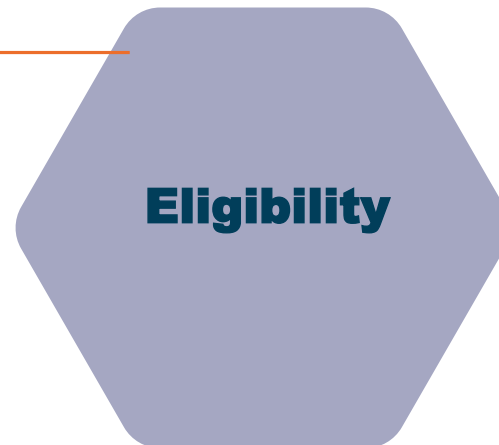
# National Focal Points (2/2)

|         |   |   |
|---------|---|---|
| 1 topic | EDF-CSA: European Defence Fund- Coordination and Support Action | EDF-AG: European Defence Fund- Action Grant |
|---------|---|---|

| Topic/Budget                            | Title  | Scope*  | Types of activities                 | Max nb of projects |
|---|--|---|-------------------------------------|--------------------|
| <b>EDF-2022-CSA-NFP-SNFPN</b><br>1,5 M€ | <b>Support to the National Focal Point (NFP) network</b> | Strengthen the functioning of the NFP network by cross border collaboration, improve the provided services, and foster matchmaking activities for EDF calls | <i>Specific (see call document)</i> | 1                  |

**National organisations hosting the EDF NFPs**

**At least 10 Member States of associated countries**





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# **CALLS FOR EXPERTS**

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European  
Commission

**DEFIS**

# Call for experts: profile (1/2)

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Experts assist the Commission in the assessment of the proposals submitted to the EDF 2022 calls  
Expertise in **technical areas**, **ethics** or in **financial assessment** of defence related activities



**CBRN medical  
countermeasures  
CBRN detection**



**Aircraft configurations  
Air Traffic Management**



**Unmanned systems  
Manned-Unmanned teaming**



**C4ISR  
Signal transmission**



**AI and its evaluation  
Databases**



**Missile defence  
warheads**



**Sonar, radar, optical ...  
Data fusion**



**Synthetic fuels  
Batteries**



**Collaborative  
Combat**



**Cyber defence  
Exercises and trainings**



**Electronics manufacturing  
Advanced materials**



**Protection  
Soldier systems**



**Shipbuilding  
Naval architecture**



**Camouflage**



**Electronic warfare  
Command posts**

...

#EUDefenceIndustry

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European  
Commission

DEFIS

# Call for experts: profile (2/2)



# Call for experts: registration

At any time:

Register or update your **profile** in the EU experts database with relevant **fixed and free text keywords**

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>

Send an email with your CV + registration number to **ec-edf-experts@ec.europa.eu**

More information on our website under 'Funding and Grants' > 'Space and Defence related funding'

[https://defence-industry-space.ec.europa.eu/calls-tenders/defence-industry-call-experts-assist-european-commission-evaluation-proposals-submitted-funding\\_en](https://defence-industry-space.ec.europa.eu/calls-tenders/defence-industry-call-experts-assist-european-commission-evaluation-proposals-submitted-funding_en)

The screenshot shows the 'Funding & tender opportunities' page on the European Commission website. The header includes the European Commission logo and the text 'Single Electronic Data Interchange Area (SEDIA)'. The navigation bar has several tabs, with 'WORK AS AN EXPERT' highlighted in yellow. Below the navigation bar, the page title is 'European Defence Fund (EDF)'. The main content area is titled 'Work as an expert' and contains the text: 'The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.' There is a video player with the title 'Being an expert for the European Commission'. To the right of the video, there is a list of tasks: 'Evaluation of proposals, prize applications and tenders' and 'Monitoring of actions, grant agreements, public procurement contracts'. Below this, there is a section titled 'In addition, experts provide opinion and advise on:' followed by a list of tasks: 'Preparation, implementation and evaluation of EU programmes and design of policies.' At the bottom of the main content area, there is a button labeled 'Register as expert'. On the right side of the page, there is a 'News' section with a date '18 Jul, 2021' and a headline 'Horizon Europe: key changes to the Ethics Appraisal Process'. Below this, there is a date '15 Feb, 2021' and a headline 'INEA looking for experts to assess CEF Energy calls'. At the bottom right, there is a 'Quick Links' section.



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**MANY  
THANKS  
FOR YOUR  
ATTENTION**



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