



European Defence Fund (EDF)

Overview and Context in EU R&D

SMI2G 2022 - 17 May 2022 – Brussels

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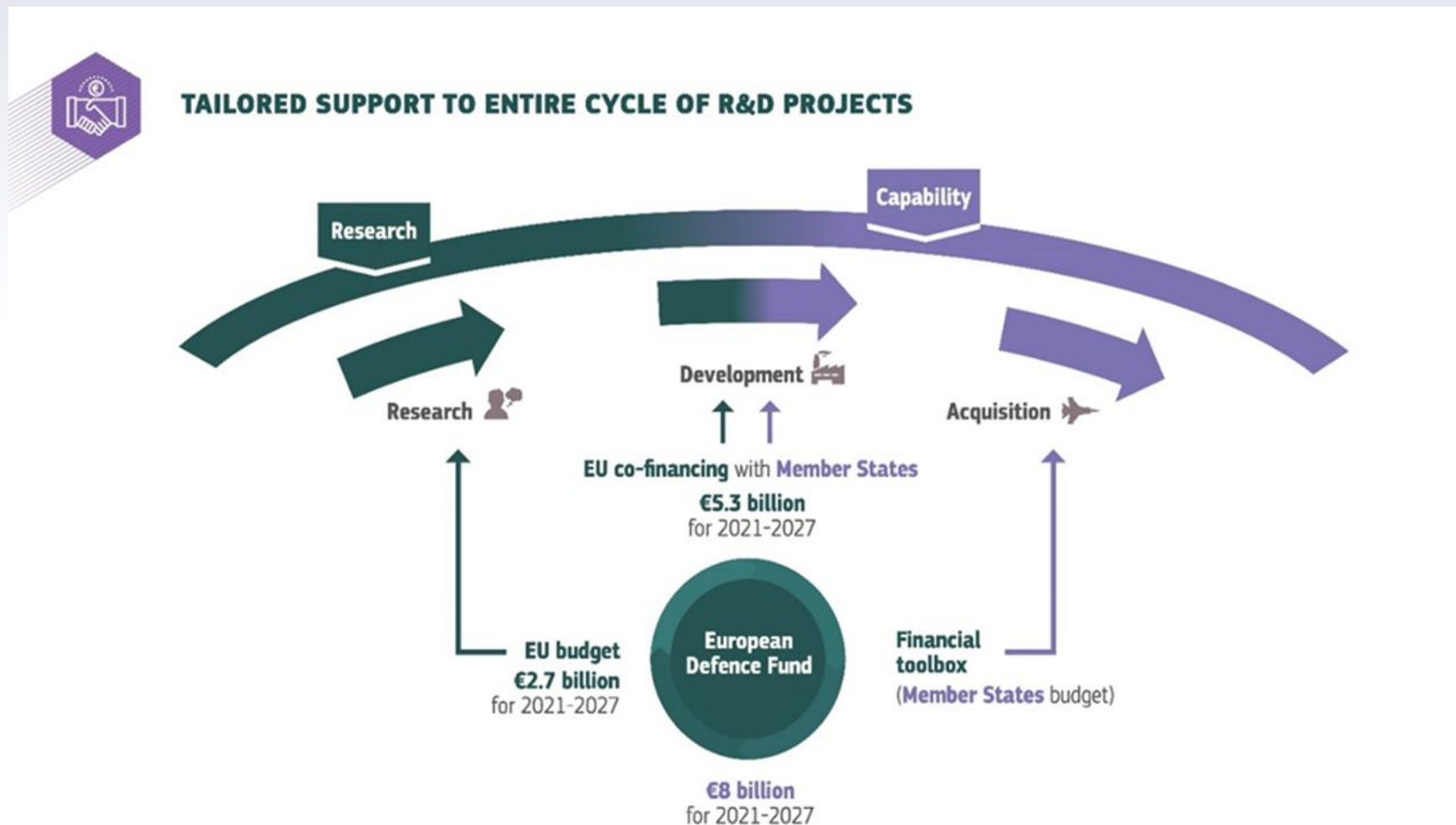
**Directorate-General for
Defence Industry and Space**

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The European Defence Fund (EDF)

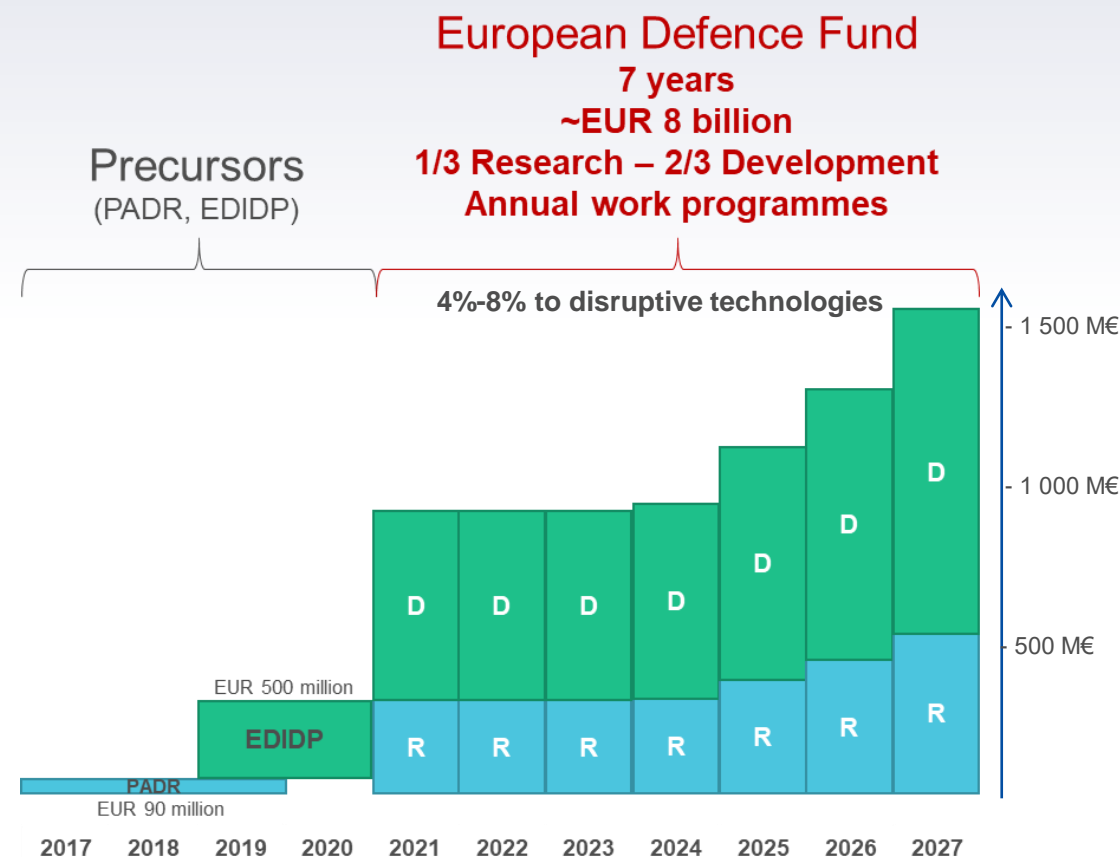
supporting the complete capability development cycle





General objectives and budget

- Supports **collaborative and cross-border projects in research and development** on defence technologies and products
- Contributes to the **competitiveness and innovation capacity** of the EDTIB, including by encouraging **participation of SMEs** and other actors that are usually not active in the defence domain
- Contributes to **reducing fragmentation** of the Europe defence and industrial landscape
- Helps **maximising the outcome of defence expenditure** (i.e. spending more, better and together)
- Strengthens **Europe's resilience and its strategic autonomy**, notably by **reducing EU technological dependencies** on third countries





EDF 2021 Work Programme structure

15 categories of actions

23 calls for proposals
37 Topics (R+D)

Submission deadline
09 December 2021

Total budget
€1.2 billions



Defence medical response, Chemical Biological Radiological Nuclear (CBRN), biotech and human factors

68.5M€ - 2calls/2topics



Information Superiority

70M€ - 1call/1topic



Advanced passive and active sensors

38M€ - 1call/2topics



Cyber

33.5M€ 2calls/2topics



Naval combat

103,5M€ 2calls/3topics



Space

50M€ 1 call/2topics



Digital transformation

58,5M€ 2calls/2topics



Energy resilience and environmental transition

133M€ 1call/3topics



Materials and components

40M€ 1call/2topics



Disruptive technologies

70M€ 1 call/4topics + open call



Air combat

190M€ 2 calls/2topics



Air and missile defence

100M€ 1call/1topc



Ground combat

160M€ 2 calls/2topics



Force protection and mobility

50M€ 1 call/1topic



Open calls for innovative defence technologies

53,5M€ 2 calls



The European Defence Fund: general principles

- **Demand is mainly driven by the Member States**
- Need to be **selective**
- **Complementarity and consistency with priorities** commonly agreed by Member States and other EU defence initiatives and NATO
- Need to target projects that **bring real strategic and economic benefit for Europe**, are game changers for EU armed forces and would not materialise if not undertaken jointly
- Need to ensure **continuity** of already funded and completed actions
- Important for EDF to be **inclusive** and to offer fair opportunities for companies of all sizes from all Member States and associated countries
- Support to **innovation**: 4%-8% of the EDF budget must be dedicated to **disruptive technologies**
- Seek **synergies** with other EU programmes: avoid unnecessary duplications in funding and trigger cross-fertilisation
- No EDF support for actions that lead to defence capabilities prohibited by international law



Type of action, activities, funding rates



Activities, and baseline for funding of eligible costs, without bonuses:

	Create knowledge	Integrate knowledge	Studies	Design	Prototype	Testing	Qualification, Certification	Life-cycle Technologies
Up to R	100%	100%	100%	100%				
D		65%	90%	65%	20%	45%	70%	65%

Bonus ($\leq 35\%$):

- **PESCO**
- (cross-border) participation of **SMEs**
- participation of **Midcaps**

- Indirect costs: 25% flat rate or actual costs (accounting)



Award criteria

- **Excellence, potential of disruption**
 - **Innovation:** Novelty, no duplication
 - **Competitiveness:** cost-efficiency/ effectiveness
 - **Industrial autonomy, Security and defence interests**
 - **New cross-border cooperation** (part. SME, mid-caps)
 - **Quality, efficiency of the action**
 - **Member states jointly use/own/ maintain**
 - **Life-cycle efficiency**
- } + for D actions only



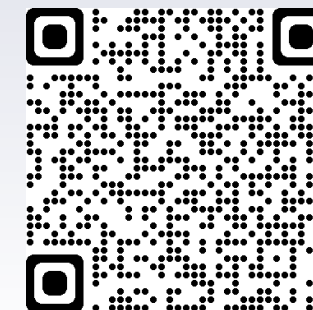


National Focal Points for the EDF

- National Focal Points (NFPs) are a network of individuals nominated by Member States + Norway that are supported by national structures established under their responsibility and control
- NFP Network is inspired by National Contact Points in Horizon Europe
- NFPs provide practical information and assistance on all aspects of participation in the EDF to all stakeholders concerned
- More info: [Network of European Defence Fund National Focal Points \(NFP\) \(europea.eu\)](https://europea.eu/network-of-european-defence-fund-national-focal-points)



European Network of Defence Related Regions



www.endr.eu



Open calls OPEN-R-SME and OPEN-D-SME

Call topic	Total contribution	OPEN-X-SME specific conditions	Topic specific conditions
OPEN-R-SME	€ 17,5 million	<ul style="list-style-type: none">• Several actions per call• € 4 million per action• Lump sum• Successful SME beneficiaries may be offered Business Coaching	<ul style="list-style-type: none">• Consortium of SMEs and research organisations. Coordinator SME.• Up to 40% of funding to research organisations• One or more activities eligible for R• Cannot cover study alone
OPEN-D-SME	€ 36 million		<ul style="list-style-type: none">• Only SMEs can be beneficiaries• Up to 30% funding in subcontracting per beneficiary• One or more activities eligible for D• At least one activity 'Design' or beyond



Business coaching in the EDF for SME

- Successful SME beneficiaries may be offered Business Coaching (if successful in the open calls EDF-2021-OPEN-RDIS/R-SME/D-SME)
- Coaches guide SMEs in their business challenges
- Coaching offered for a period of two years

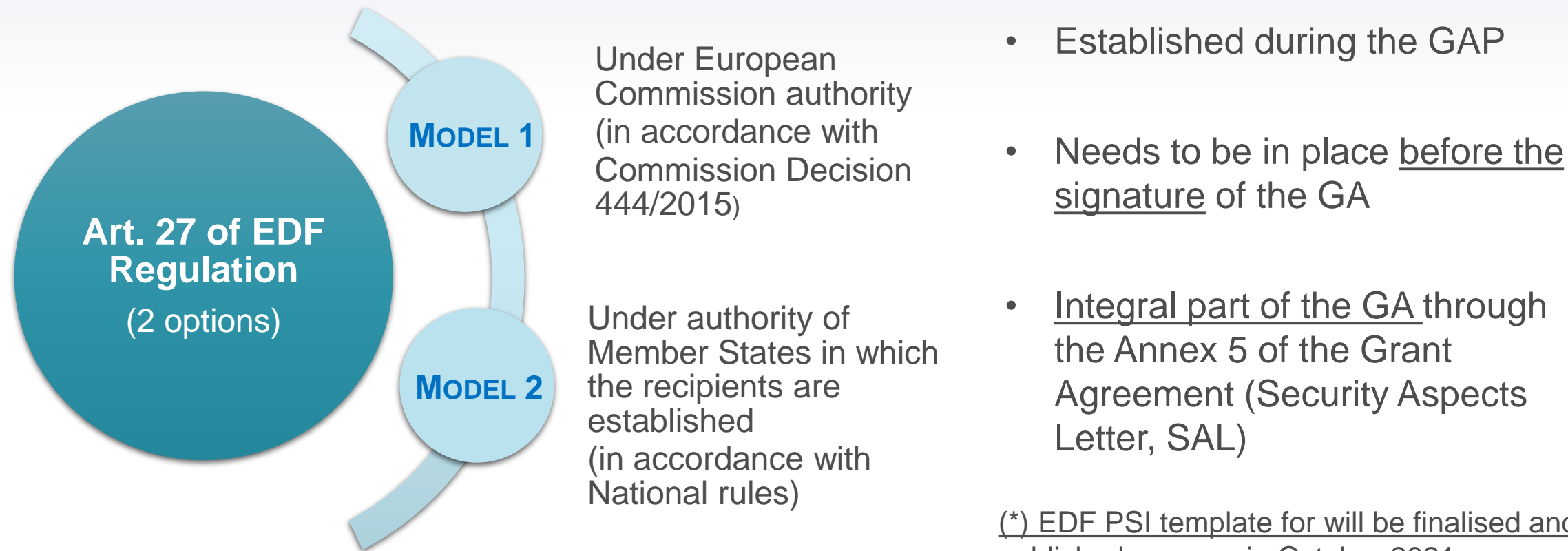


- Reduce the time from research to development, or from development to the market
- Boost growth of SME



Security Framework for EDF actions

Protection and Handling of Classified information related to the actions (i.e. Programme Security Instructions, PSI^(*) and annexes)



(*) EDF PSI template for will be finalised and published approx. in October 2021



How to register as a defence expert

1. At any time: Register or **update** your profile in the EU experts database

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

with relevant **fixed and freetext keywords**

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

For more information, visit our website:

https://ec.europa.eu/defence-industry-space/calls-tenders/defence-industry-call-experts-assist-european-commission-evaluation-proposals_en



Useful links

- [General information on the EDF \(DG DEFIS website\)](#)
- [EDF Regulation \(and Financial Regulation\)](#)
- [EDF work programmes](#)
- [EDF Calls on the *Funding and Tender portal*](#) (where to apply)
- [EDF Submission forms and Conditions for applying to the calls](#) (revised versions published)
- [EDF Guide for applicants](#)
- [Corporate guidance on *How to complete your Ethics self-assessment*](#)
- [EDF FAQ](#) (updated on a regular basis)
- Remaining questions regarding application? → DEFIS-EDF-PROPOSALS@ec.europa.eu



Thank you!