



# The European Defence Fund

**Inge Ceuppens**

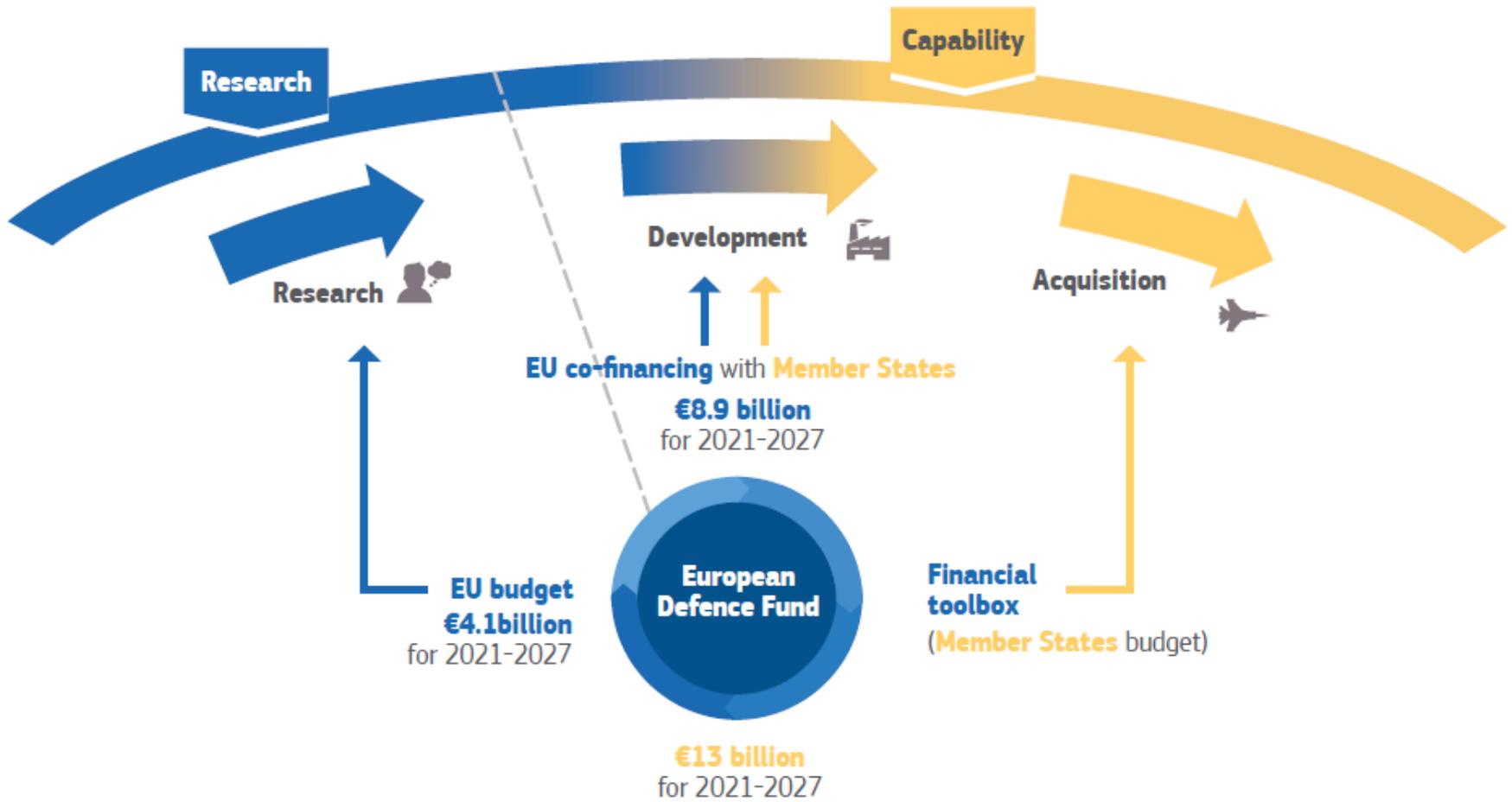
European Commission, Directorate General for Internal  
Market, Industry, Entrepreneurship & SMEs  
Unit *Defence 2*

**7 June 2019, Brussels, Belgium**

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



# The European Defence Fund

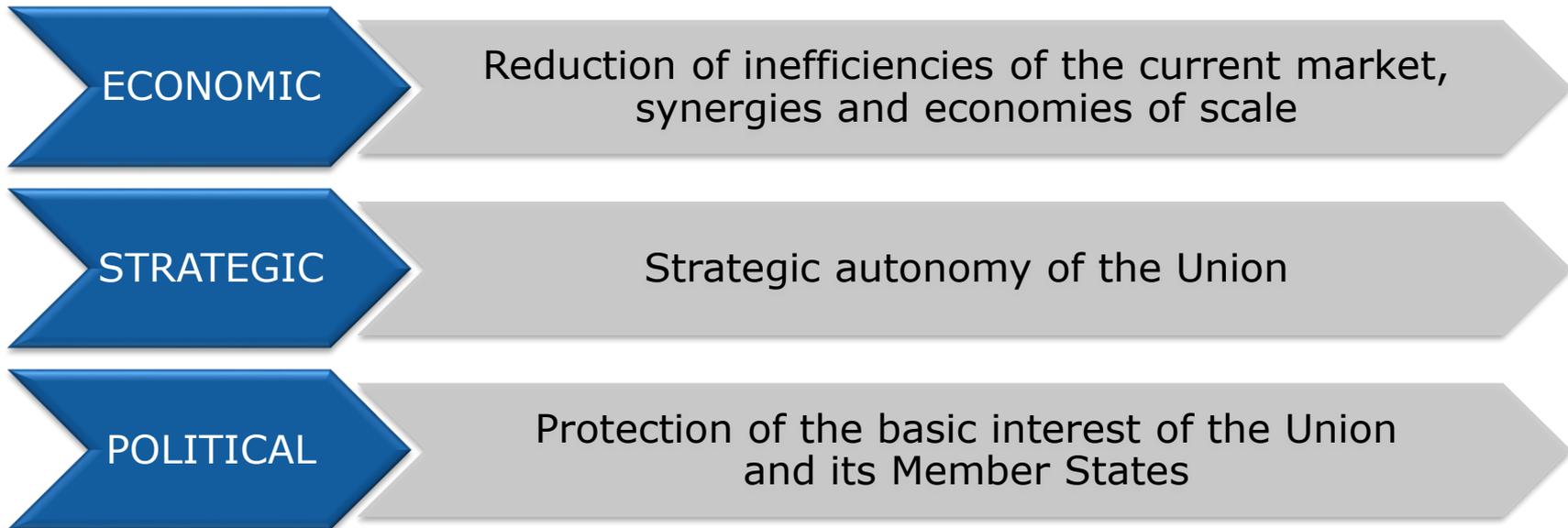


# Main pillar of an ambitious European Defence Union





# Rationale for the European Defence Fund





## Proposal for a European Defence Fund

Contribute to the  
**strategic autonomy**  
of the EU

Build **partnerships**  
between defence actors  
across Europe +  
stimulate joint  
acquisition (not  
financed)

**Strengthening** other  
security and defence  
initiatives in Europe

Foster  
**competitiveness** of  
European defence  
industry

Closing the  
**technological gap**  
in the European  
defence sector

Support R&D projects  
on defence products  
and technologies;  
including **disruptive  
technologies**



## **European Defence Fund**

- **Budget: EUR 13 billion** for 2021 to 2027 (EUR 4.1bn for research actions and EUR 8.9bn for development actions)
- **Integrated approach** covering the research and development activities – to strengthen the uptake of research results
- **Annual work-programmes**
- **Disruptive technologies for defence:** dedicated support to ensure long term strategic autonomy for Europe
- Commission proposal adopted on June, 13<sup>th</sup> 2018; **partial agreement reached between the co-legislators;** final adoption depends on discussions on the long-term budget

## **What can be funded?**

- Actions covering both new and upgrade of existing products and technologies in at least one of the following areas:
  - Activities aiming at new knowledge and defence technologies
  - Feasibility studies
  - Prototypes
  - Qualification / Proof of suitability
  - Technologies to reduce life cycle costs
  - Activities aiming at interoperability and autonomy
  - Definitions / design studies
  - Product tests
  - Certification
- Significant percentage of the overall budget to benefit disruptive technologies for defence



## Eligibility

- **Cooperation projects** between at least **three legal entities** established in at least **three different Member States/Associated Countries**
- Only **entities established in the Union** or in an Associated Country which are not controlled by third countries/companies
- Exception if conditions relating to the **security interests of the Union** and its Member States are met
  - No risk in the ability to perform the action (security of supply)
  - Classified information are not accessible to 3rd country entity (sensitive information protected)
  - No Transfer of IP (IPR remains in the EU)
- **Cooperation** with companies based outside the Union **possible**, but costs are not eligible

# In current budgetary period (2014-2020)

- **Preparatory Action for Defence Research – PADR**  
**2017-2020**  
**€90 million**
- **European Defence Industrial Development Programme – EDIDP**  
**2019-2020**  
**€500 million**

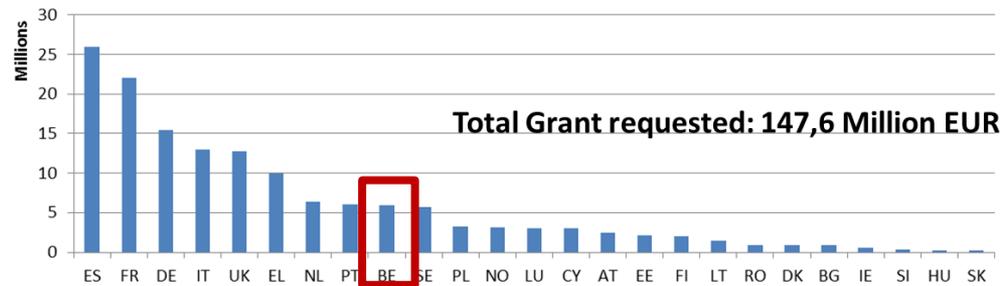


# Preparatory Action Defence Research

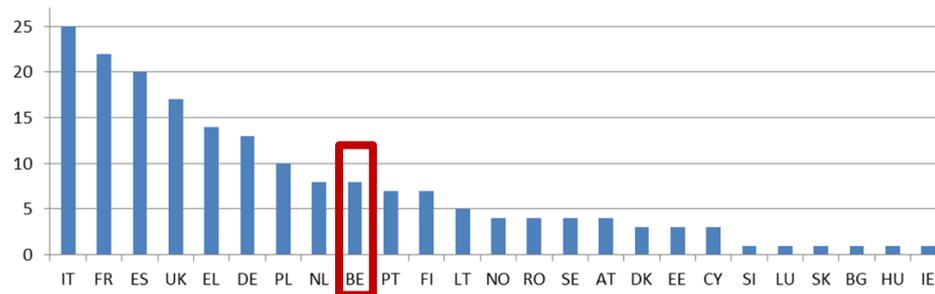
- Implemented through annual work programmes and calls for proposals
  - **Calls 2017 and 2018:**
    - 5 projects running (of calls 2017)
    - 2018 evaluations finalised – 3 grant agreement in preparation phase
  - **Calls 2019:**
    - 3 Calls open until 28 August
    - 1 Call open until 3 September
- 10 projects expected to be awarded

# Belgian participation in Calls 2017

2017 PADR Proposals - Grant Requested

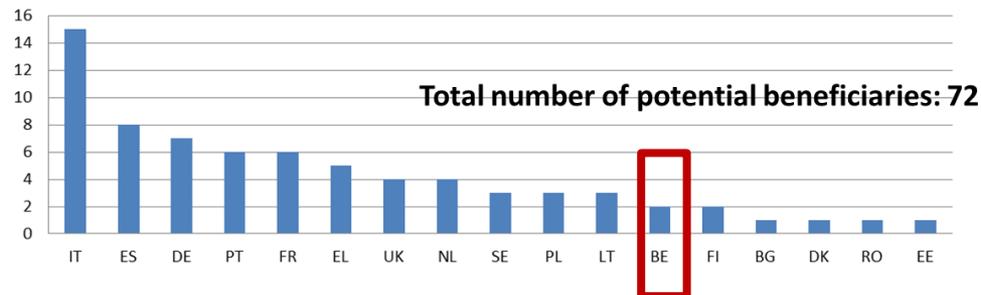
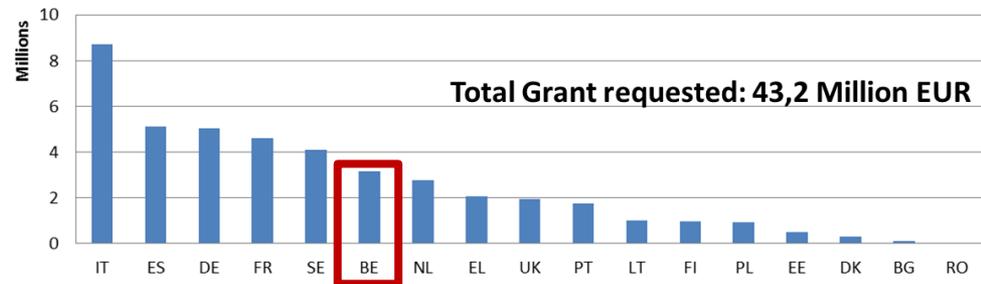


PADR 2017 Proposals - 187 unique participants

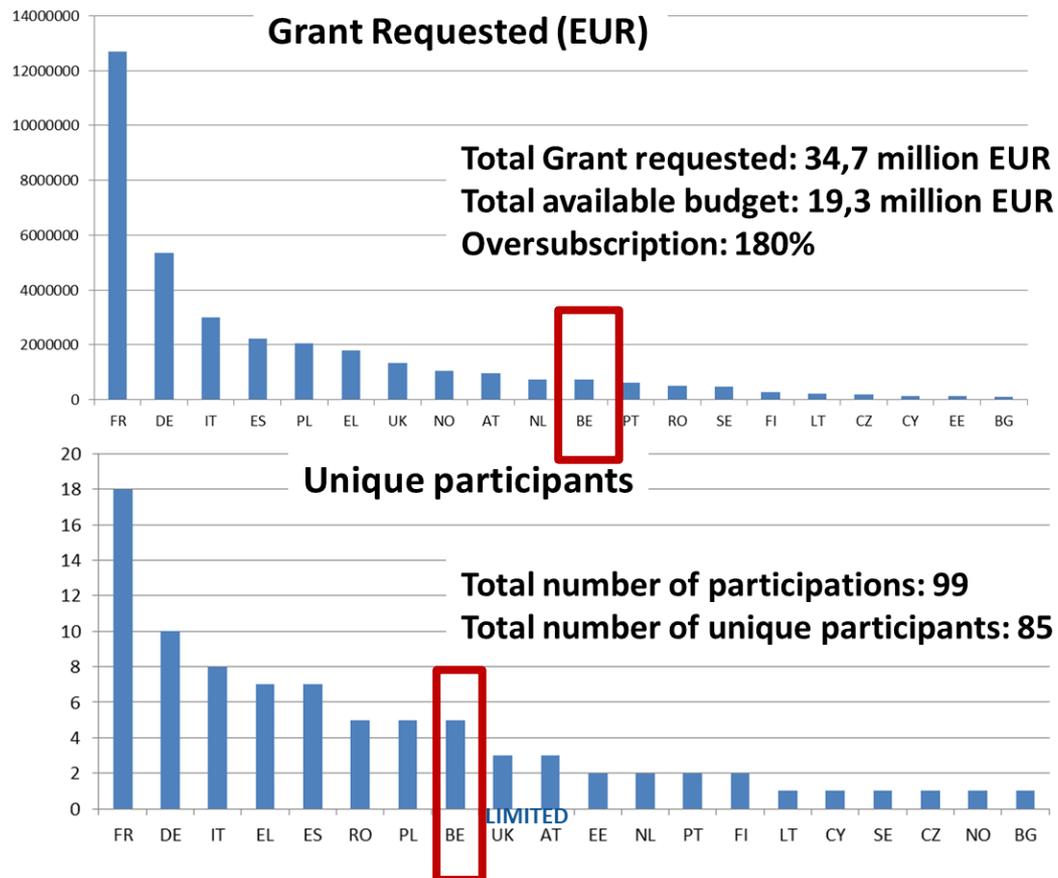


# Belgian participation 2017

## PADR 2017 proposals retained for funding



# Belgian participation Calls 2018





## PADR Calls 2019

### Call – **Electromagnetic Spectrum Dominance**

Combined radar, communications, and electronic warfare functions based on European Active Electronically Scanned Arrays for military applications

→ not more than 1 project to be funded

### Call – **Future Disruptive Defence Technologies**

- Challenging the future (*no predefined topics*) **3 projects**
- Emerging game changers (*5 predefined topics: autonomous positioning, AI for defence, quantum for defence, long range effects, augmenting soldier capacity*) **5 projects**

### Call – **Unmanned systems**

**1 project**

Interoperability standards for military unmanned systems



Funding & tender opportunities (the Single Electronic Data Interchange Area) is the entry point for participants and experts in funding programmes and tenders managed by the European Commission and other EU bodies.

## Find calls for proposals and tenders

Search calls for proposals and tenders by keywords, programmes...

 Search

## Calls for proposals by EU Programme

3rd Health Programme (3HP)

Asylum, Migration and Integration Fund (AMIF)

Consumer Programme (CP)

Creative Europe (CREA)

European Defence Industrial Development Programme (EDIDP)

EU Aid Volunteers Programme (EUAID)

Erasmus+ Programme (EPLUS)

Europe For Citizens (EFC)

European Maritime and Fisheries Fund (EMFF)

European Statistics (ESTAT)

HERCULE III (HERC)

Horizon 2020 Framework Programme (H2020)

Internal Security Fund Borders and Visa (ISFB)

Internal Security Fund Police (ISFP)

Justice Programme (JUST)

Pilot Projects and Preparatory Actions (PPPA)

Programme for the Competitiveness of Enterprises and small and medium-sized enterprises

Programme for the Environment and Climate Action (LIFE)

Promotion of Agricultural Products (AGRIP)

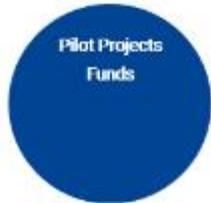
Research Fund for Coal & Steel (RFCS)

Rights, Equality and Citizenship Programme (REC)

Choose "Pilot Projects and Preparatory Actions"

## Pilot Projects and Preparatory Actions (PPPA)

clear filter 



Pilot projects (PP) and Preparatory Actions (PA) introduce new initiatives that might turn into standing EU funding programmes.

A Pilot Project is an initiative of an experimental nature designed to test the feasibility of an action and its usefulness and lasts not more than two years. A Preparatory Action - normally the successor of a successful pilot project on the same matter - is designed to prepare new actions like EU policies, legislation, programmes etc. with funding for not more than three years.

- [Find calls for proposals](#)
- [Priorities](#)
- [Projects & Results](#)
- [What's new](#)

### Find calls for proposals in Pilot projects (PP) and Preparatory Actions (PA) Funds

defence|



- Defence
- defence
- defence innovation



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

Search for "defence"

# EDIDP: European Defence Industrial Development Programme

- **Regulation** adopted in **July 2018**
- Duration: **2 years → 2019-2020**
- Budget: **EUR 500 million** for the period 2019-2020
- EU support in the form of **grants** awarded to industrial consortia
- Co-financing: up to 100% of total eligible costs for all items with an exception of prototyping where the co-funding cannot exceed 20% (excluding bonuses) + indirect costs flatrate of 25%
- Call for proposals: deadline: **29 August 2019**

# Overview of 2019 calls for proposals

Calls	Topics	Budgets in EUR (2019)	Final date for submission
<b>EDIDP-MUGS-2019</b>	EDIDP-MUGS-2019	Up to 30 600 000	29 August 2019
<b>EDIDP-ISR-2019</b>	EDIDP-ISR-TRPAS-2019	Up to 43 700 000	29 August 2019
	EDIDP-ISR-DAA-2019		
	EDIDP-ISR-EHAPS-2019		
	EDIDP-ISR-PEO-2019		
<b>EDIDP-CSAMN-2019</b>	EDIDP-CSAMN-SDN-2019	Up to 17 700 000	29 August 2019
	EDIDP-CSAMN-SSC-2019		
	EDIDP-CSAMN-SSS-2019		
<b>EDIDP-PNTSCC-2019</b>	EDIDP-PNTSCC-PNT-2019	Up to 44 100 000	29 August 2019
	EDIDP-PNTSCC-SCC-2019		
<b>EDIDP-ESC2S-2019</b>	EDIDP-ESC2S-2019	Up to 20 000 000	29 August 2019
<b>EDIDP-NGPSC-2019</b>	EDIDP-NGPSC-2019	Up to 6 500 000	29 August 2019
<b>EDIDP-ACC-2019</b>	EDIDP-ACC-AEAC-2019	Up to 12 000 000	29 August 2019
	EDIDP-ACC-CJTP-2019		
<b>EDIDP-FNPRT-2019</b>	EDIDP-FNPRT-2019	Up to 14 500 000	29 August 2019
<b>EDIDP-SME-2019</b>	EDIDP-SME-2019	Up to 7 500 000	29 August 2019



- 1 proposal against 1 topic
- Budget of a call is for the entire call

# EXAMPLE

## Call EDIDP-MUGS-2019

### Multipurpose unmanned ground system

- *1 topic addressed in this call*
  - **EDIDP-MUGS-2019:** Multipurpose architecture for unmanned ground systems and solutions for systems integration and manned-unmanned teaming
- *Possible game-changer for future land operations*
  - **reduced danger to civilian populations, armed forces personnel and manned platforms**
  - **increased robustness, sustainability and resilience of ground systems**
- *Targeted activities*
  - **at least design or system prototyping**
- *Budget*
  - **€30,6 million**

# EDIDP Activities and Requirements

- A proposal will only be considered **eligible if its content corresponds to the topic** description against which it is submitted and if all **eligibility criteria** related to the **targeted activity** are fulfilled by the time of submission
- The action shall address the **development phase** of new **defence products** and technologies and/or the upgrade of existing products and technologies;
- Where addressing **upgrade**, the use of **pre-existing information** needed to carry out the action shall not be subject to a restriction by a third country or by a third-country entity, directly, or indirectly through one or more intermediary undertakings;
- The **results of actions** which receive funding under the Programme shall not be subject to control or restriction by a third country or by a third-country entity, directly, or indirectly through one or more intermediate undertakings, including in terms of technology transfer.

# EDIDP Activities and Requirements (2)

EU funding rate  
Base + Bonus

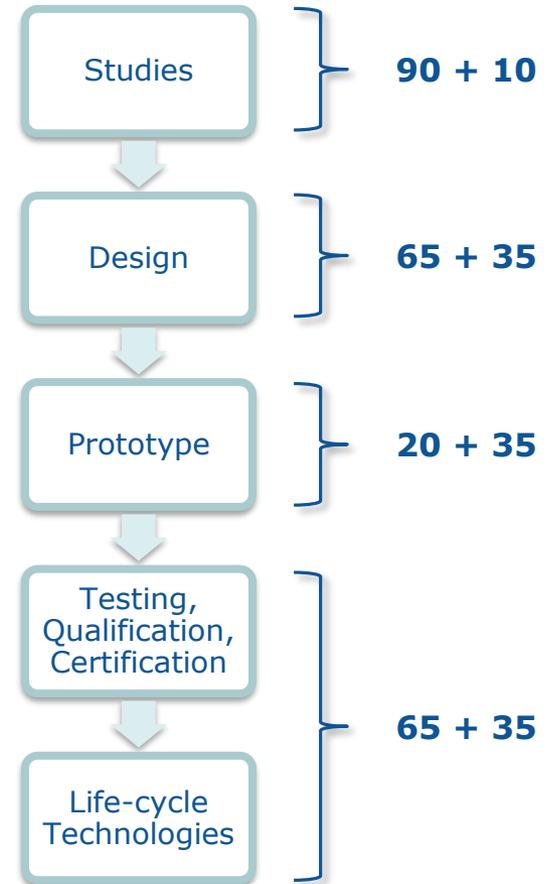
## Evidence of co-financing by MS [e.g. Letter of Comfort / Guarantee / AdHoc] :

- Document identifying the financial contributors and specifying on what hypothesis (EU support level) their financial contribution will cover the rest of the costs

## Evidence of common military requirements and common technical specifications [e.g. MoU / LoI / Contract] :

- Document providing evidence that the activity is based on common requirements jointly agreed by at least two Member States.
- Document providing evidence that at the activity will be based on common technical specifications jointly agreed by the supporting MS.
- Fulfilment of these criteria will be verified during audits and project verifications. Any major changes to the project should be supported by an assessment of its impact on the commonality of requirements / technical specification.

## Evidence of MS intention to procure [e.g. MoU / LoI / Contract]



## PADR and EDIDP: some differences

- |                         |                               |
|-------------------------|-------------------------------|
| • PA                    | EDIDP                         |
| • 2017-2019             | 2019-2020                     |
| • EUR 90 million        | EUR 500 million               |
| • Grants:100%           | Grants: 20% or more           |
| • Electronic submission | paper-based                   |
| • Participation rules   |                               |
| • Award criteria: 3     | 6                             |
| • -                     | Bonuses                       |
| • -                     | Common technical requirements |

# Thank you for your attention

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## **More information:**

- The Commission's proposal for a regulation establishing the European Defence Fund: **COM(2018)476**.
- Staff working document, including impact assessment: **SWD(2018)345**.

### **Accessible from EU press release IP/18/4121**

[http://europa.eu/rapid/press-release\\_IP-18-4121\\_en.htm](http://europa.eu/rapid/press-release_IP-18-4121_en.htm)

- Adoption of the PADR 2019 and EDIDP 2019-2020 work programmes:  
[http://europa.eu/rapid/press-release\\_IP-19-1717\\_en.htm](http://europa.eu/rapid/press-release_IP-19-1717_en.htm)