

EU funding for defence and dual use

*European symposium „EU funding for defence and dual use research and innovation synergies“
Seville – 3 October 2018*



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Preparatory Phase

Preparatory Action on Defence Research (PADR)

EU Funding for collaborative defence research projects

Duration: 2017-2019

Overall budget: EUR 90 million

Funding instrument: grants

Implementation tasks delegated to the EDA

European Defence Industrial Development Programme (EDIDP)

EU co-financing for collaborative defence development projects

Duration: 2019-2020

Overall budget: EUR 500 million

Funding instrument: grants

Regulation adopted on 18 July 2018 - First calls for proposals expected beginning-2019

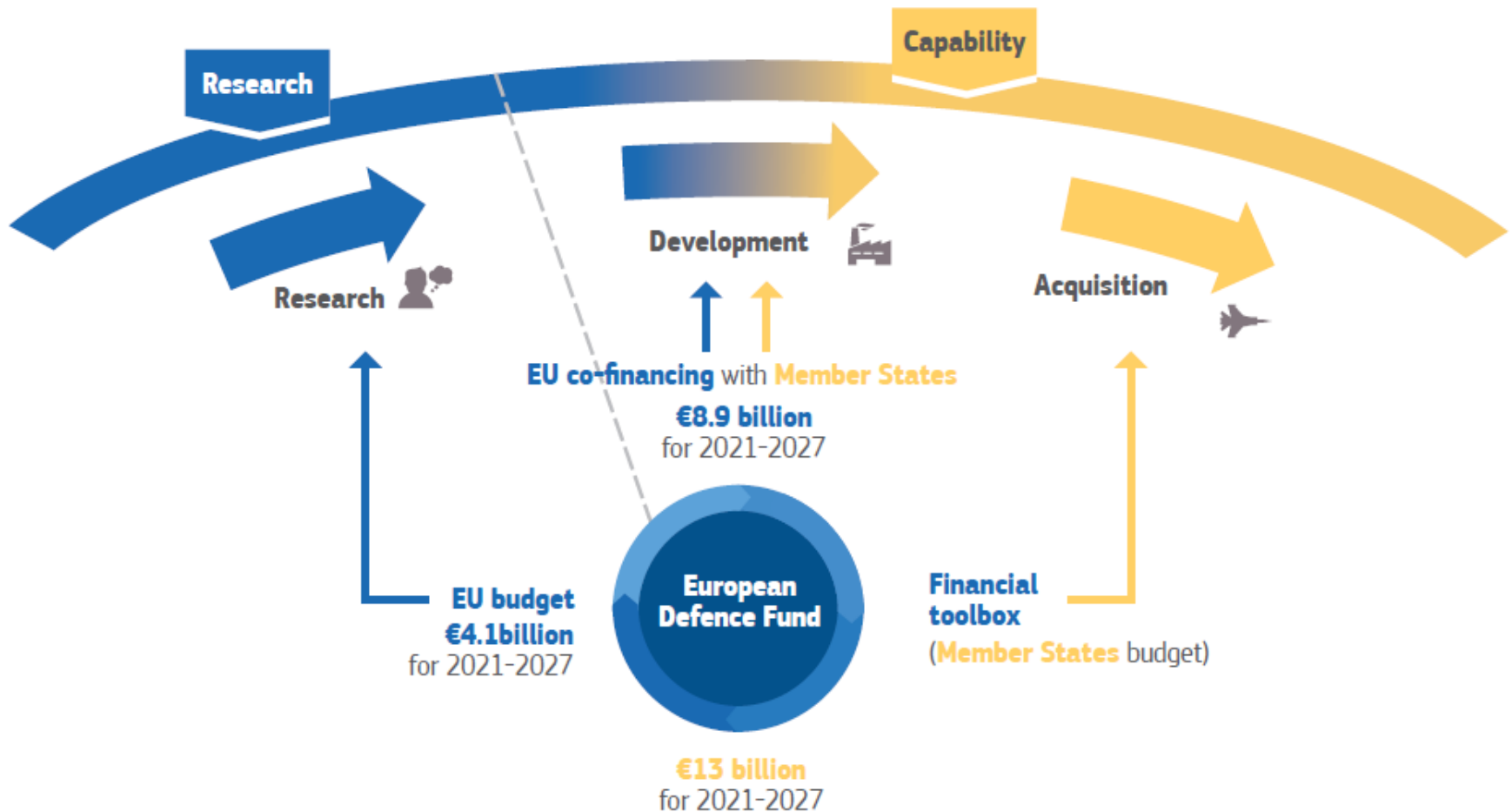
Direct implementation by the Commission



European
Commission

The European Defence Fund 2021-2027

(Proposal for a Regulation adopted on June 13th 2018 –
currently discussed with the co-legislators)



What can be funded?

- **Integrated approach** covering the full cycle of research and development activities
- 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 resilience
 - Definitions / design studies
 - Product tests
 - Certification

Other important features of the Fund

- Only **collaborative projects** are eligible. At least **3 participants** from 3 Member States
- Projects will be defined along **priorities set with Member States**
- Incentives for projects with **cross-border participation of SMEs**
- **5% of the budget** will be set aside for **disruptive, high-risk innovation**
- Development actions need to be based on **harmonised capability requirements** and **common technical specifications**
- The Fund will co-finance development of prototypes where **Member States intend to buy the final product**. No capability will be owned by the EU.
- **Drawing on EDIDP and Preparatory Action**, but introducing **simplification** measures (e.g. single and integrated Fund, use of output-based tools such as single lump sum support) and **additional flexibility** (wider array of support instruments, including grants to consortia of buyers – e.g. pre-commercial procurement)



Intruder detection & avoid system for drones (Poland)

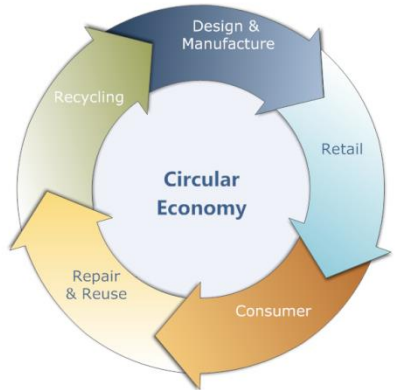
Radio-wave technology for drones (Poland)

Energy efficient robotics for deep sea (Portugal)

ESIF 2014-2017

- Projects in dual use areas
- SMEs in the lead

<https://www.eda.europa.eu/what-we-do/our-current-priorities/eu-funding-opportunities/esif-success-stories>



Cyber security (Estonia)

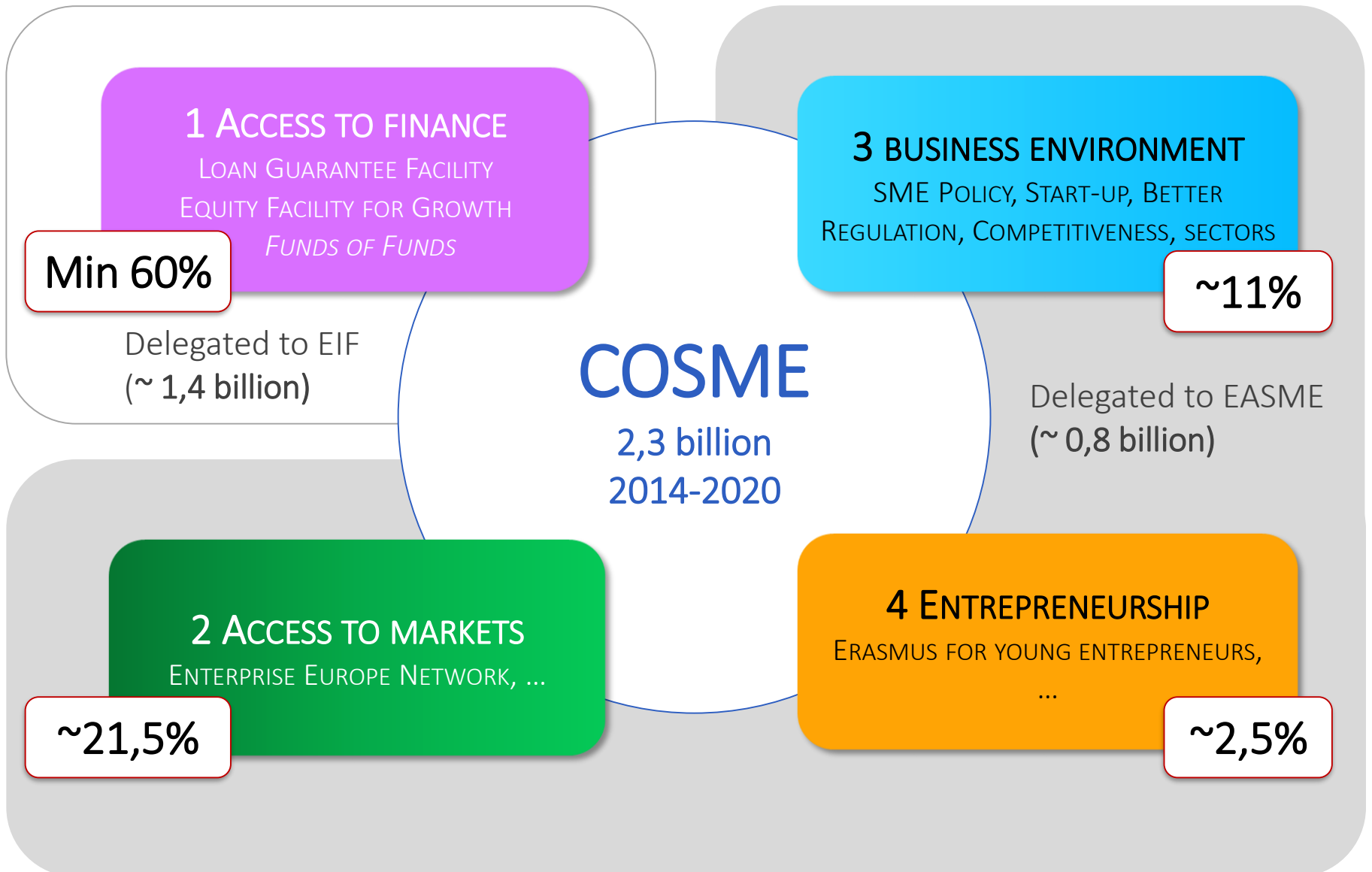
Circular economy - waste (Greece)



Advanced lightweight impact materials (Portugal)



COSME Programme 2014-2020



1 ACCESS TO FINANCE

LOAN GUARANTEE FACILITY
EQUITY FACILITY FOR GROWTH
FUNDS OF FUNDS

Min 60%

Delegated to EIF
(~ 1,4 billion)

3 BUSINESS ENVIRONMENT

SME POLICY, START-UP, BETTER
REGULATION, COMPETITIVENESS, SECTORS

~11%

Delegated to EASME
(~ 0,8 billion)

2 ACCESS TO MARKETS

ENTERPRISE EUROPE NETWORK, ...

~21,5%

4 ENTREPRENEURSHIP

ERASMUS FOR YOUNG ENTREPRENEURS,
...

~2,5%

COSME

2,3 billion
2014-2020

- ❑ **Alliance** – *Alliance for International Business Development of Advanced Materials and Connectivity for Defence and Security Markets*
 - ✓ 7 clusters from FR (SAFE, Techtera, SCS), IT (OTIR 2020, SIIT, Citta Studi) & NL (NIDV)

- ❑ **EU KETs4Dual-USE** – *European Key Enabling Technologies for Dual-Use worldwide*
 - ✓ 4 clusters from DK (CenSec), FR (OPTITEC, Minalogic) & EE (Estonian Defence Industry Association)



EUROPEAN NETWORK OF
DEFENCE-RELATED REGIONS

- Forum for regional organisations & clusters to exchange information and share best practices
- Info on access to funding at EU level
- Organisation of events

www.endr.eu