

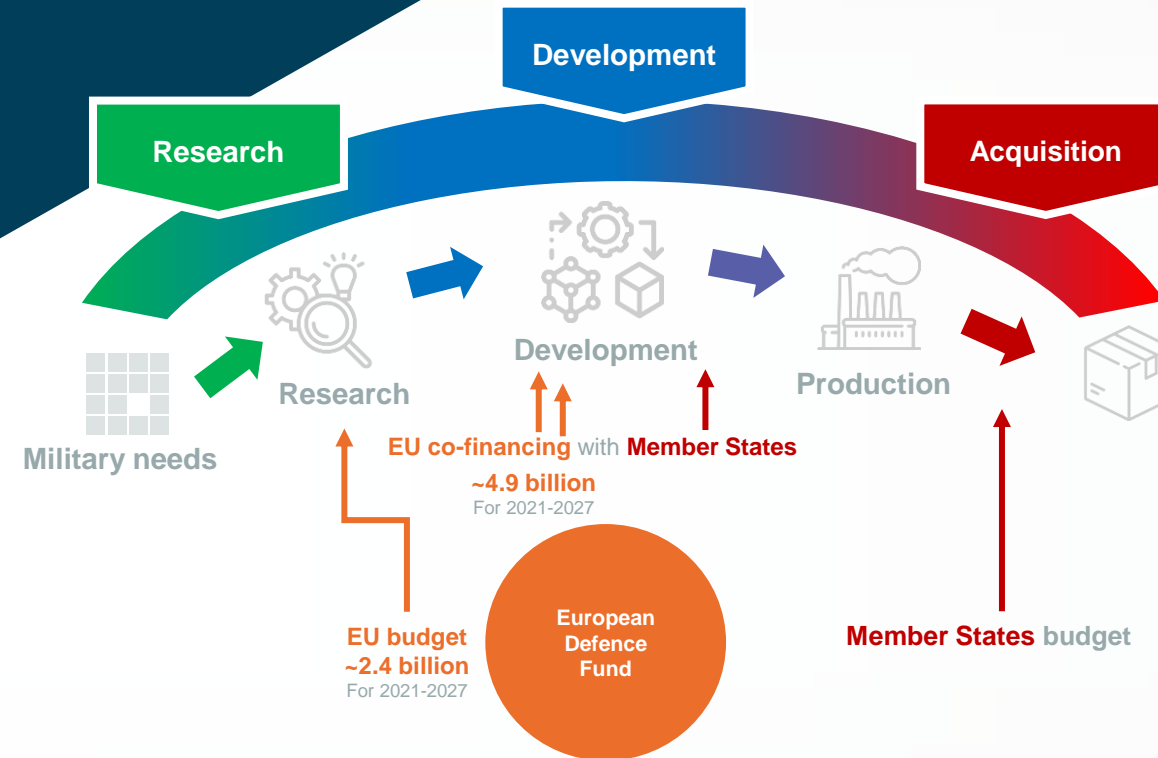
# Site visit - Safety & Security

Paul Kruis

Policy Officer, DG DEFIS  
European Commission

# European Defence Fund

## The EU defence R&D programme



- 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

# EDF Categories of Actions

## Addressed by annual work programmes & calls for proposals



-  **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)**



























































# EDF Work Programme 2025

EUR ~1.065 billion

33 topics

Opening of the calls: Mid-Feb 2025

Deadline for submission: 16 Oct 2025 17.00 CET

 <b>Medical Response &amp; CBRN</b>	<ul style="list-style-type: none"><li>SGA under FPA on medical countermeasures   13.5 M€</li><li>SGA under FPA on medical countermeasures   11.5 M€</li><li>Autonomous triage and evacuation  10 M€</li></ul>	
 <b>Information superiority</b>	<ul style="list-style-type: none"><li>EU MIDS   39 M€</li></ul>	
 <b>Sensors</b>	<ul style="list-style-type: none"><li>Multi-band 4D radar   29.5 M€</li><li>Infrared detectors   29 M€</li></ul>	
 <b>Cyber</b>	<ul style="list-style-type: none"><li>Robustness of autonomous vehicles (spin-in)   20 M€</li><li>Improved cyber defence operation capabilities   34 M€</li></ul>	
 <b>Space</b>	<ul style="list-style-type: none"><li>On-orbit operations and services (spin-in)  49 M€</li><li>Space-based ISR constellation  66 M€</li></ul>	
 <b>Digital transformation</b>	<ul style="list-style-type: none"><li>Human-AI dialogue systems (challenge)   27 M€</li></ul>	
 <b>Energy &amp; Environment</b>	<ul style="list-style-type: none"><li>Propulsion system for next generation rotorcrafts  25 M€</li><li>Naval hybrid propulsion and power systems (spin-in)   20 M€</li><li>Aircraft propulsion and energy management systems   48 M€</li></ul>	
 <b>Materials &amp; Components</b>	<ul style="list-style-type: none"><li>Chiplet for defence applications   25 M€</li></ul>	
 <b>Air combat</b>	<ul style="list-style-type: none"><li>Collaborative air combat  49 M€</li><li>Enhanced pilot environment  54 M€</li></ul>	
 <b>Air &amp; missile defence</b>	Not addressed	
 <b>Ground combat</b>	<ul style="list-style-type: none"><li>Counter-battery capabilities 20 M€</li><li>Future modular multipurpose land platform  79 M€</li><li>Drone-based mass munitions (spin-in, cascade funding) 49 M€</li><li>Land collaborative combat including air-land  44 M€</li></ul>	
 <b>Protection &amp; Mobility</b>	<ul style="list-style-type: none"><li>Soldier systems (cascade funding)  35 M€</li></ul>	
 <b>Naval combat</b>	<ul style="list-style-type: none"><li>Digital ship and naval combat cloud   54 M€</li></ul>	
 <b>Underwater warfare</b>	<ul style="list-style-type: none"><li>Advanced underwater networks   25 M€</li><li>Stand-off anti-submarine warfare  20 M€</li></ul>	
 <b>Simulation &amp; training</b>	<ul style="list-style-type: none"><li>Design and analysis framework for Aerial Systems  28 M€</li><li>Live, Virtual, Constructive training interoperability   15 M€</li></ul>	
 <b>Disruptive technologies</b>	<ul style="list-style-type: none"><li>Great-Depth Enabling Technologies (R) 23 M€</li><li>Non-thematic research topic 20 M€</li></ul>	
 <b>SMEs</b>	<ul style="list-style-type: none"><li>Non-thematic research for SMEs and ROs 34 M€</li><li>Non-thematic development for SMEs 33 M€</li></ul>	

Legend:

Research Development  STEP  EUDIS-related  Contributing to identified EDF main expected outcomes

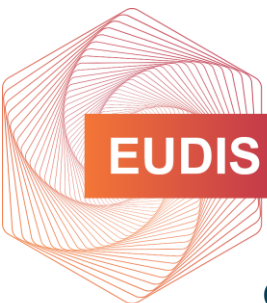
 Others

Other actions (outreach, IT, studies, audit, indirect management) 6,6 M€

- Business coaching for SMEs 1.6 M€
- Blending facility for equity funding for SMEs/Mid-Caps 20 M€
- Business accelerating services 3.8 M€
- Matchmaking events for investors and SMEs 0.6 M€
- EDF hackathon events 0.6 M€
- CSA for EDF NFP network 2 M€

#EUDefenceIndustry

DEFIS



EUDIS

# Five support tracks for defence tech founders

## GRANTS & BUSINESS COACHING for SMEs

- **Small 'ticket' open calls for SMEs&RTO** (€ 4-6 M)
- **Big 'ticket' thematical calls, including:**
  - Technological Challenges
  - Calls to spin-in civil R&D defence
  - Calls with a requirement to provide acceleration services for start-ups



## ACCESS TO FINANCE FOR INVESTORS

Defence Equity Facility - €175 M equity instrument via the **European Investment Fund** for European private funds: €100M from EDF budget, expected leverage into €500M



## DEFENCE HACKATHONS

Held annually in Spring across multiple locations in the EU/Norway  
8 locations in 2025



## BUSINESS ACCELERATOR

8-months & seed funding for 20 start-up, scale-up companies



## MATCHMAKING

Opportunities to find EDF consortium partners and pitch to investors



# Making Europe ready by 2030

## 7 CRITICAL CAPABILITY AREAS:

Air and Missile defence

Artillery systems

Ammunition and missiles

Drones and counter drones systems

Military mobility

AI, Quantum, Cyber and Electronic warfare

Strategic enablers, combat capabilities and critical infrastructure protection



### Line of actions towards Member States readiness by 2030:

- Facilitating **greater collaboration**
- Creating **efficiencies** and **interoperability** while lowering costs
- Helping generate **stability** with multi-year industrial demand
- Supporting **dual-use infrastructure**
- **Facilitating Partnerships**, including for MSs to deliver on **NATO capability targets**

# Funding Options to ReArm Europe Plan / Readiness 2030

**ReArm Europe Plan:** unlocking up to EUR 800 billion stepping up the funding that the European defence:

**Activation of the national escape clause of the Stability and Growth Pact**

Estimated impact of EUR 650 billion

**Security Action for Europe – SAFE instrument:  
Raising up to EUR 150 billion on capital markets**

**Contributions from the European Investment Bank and  
mobilising private capital**

**Soon - Flexibilisation of EU instruments (cohesion policy)**