



# **Guiding SMEs to opportunities offered by the EDF through the ENDR and other networks and tools**

**SMEs and Defence Initiatives**  
**30 November 2021**

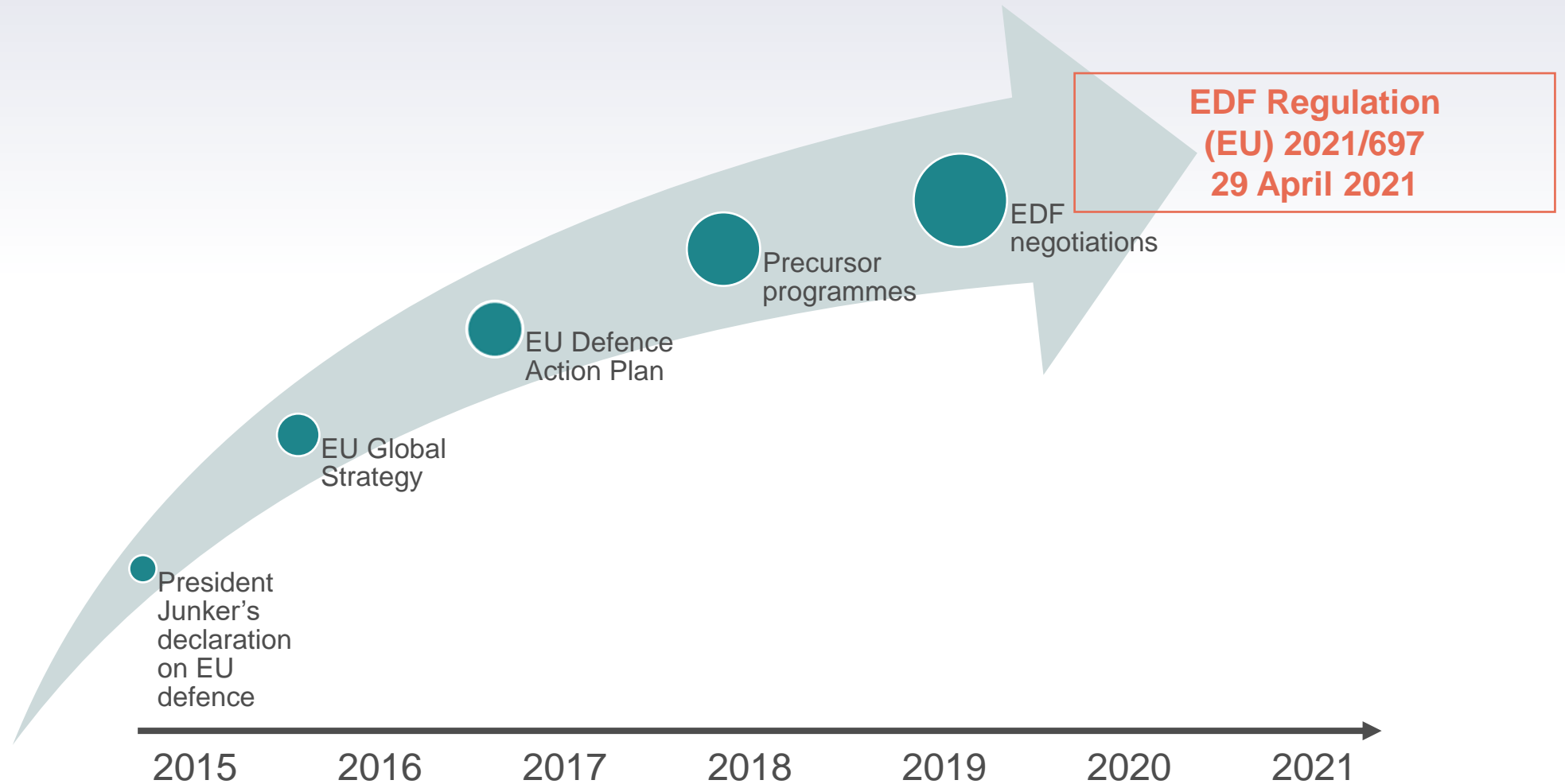
**DG for Defence Industry and Space**  
*Paul Anciaux*

*Does not represent an official position of the European Commission and does not bind the Commission in any way.*



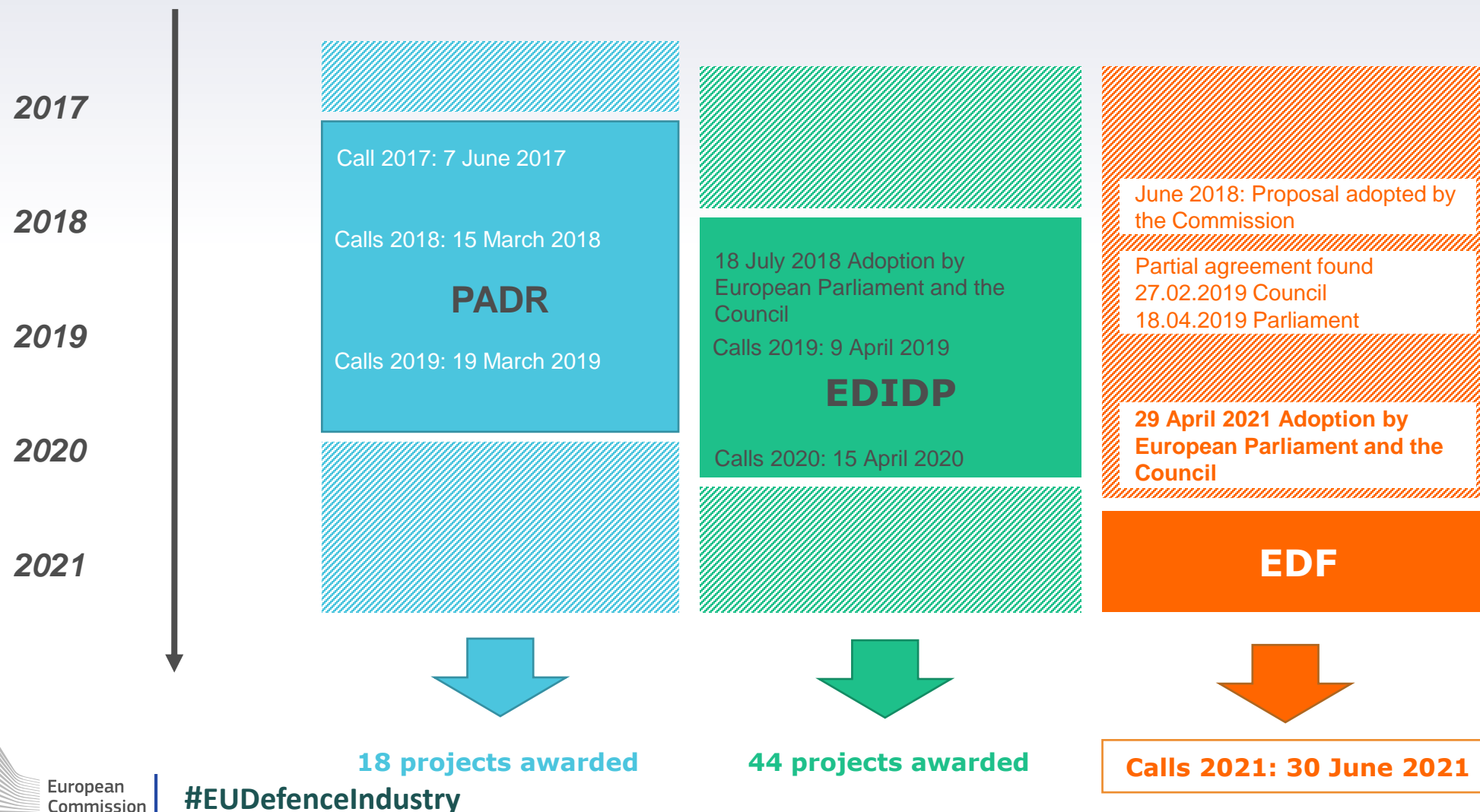


# European Defence Fund: background





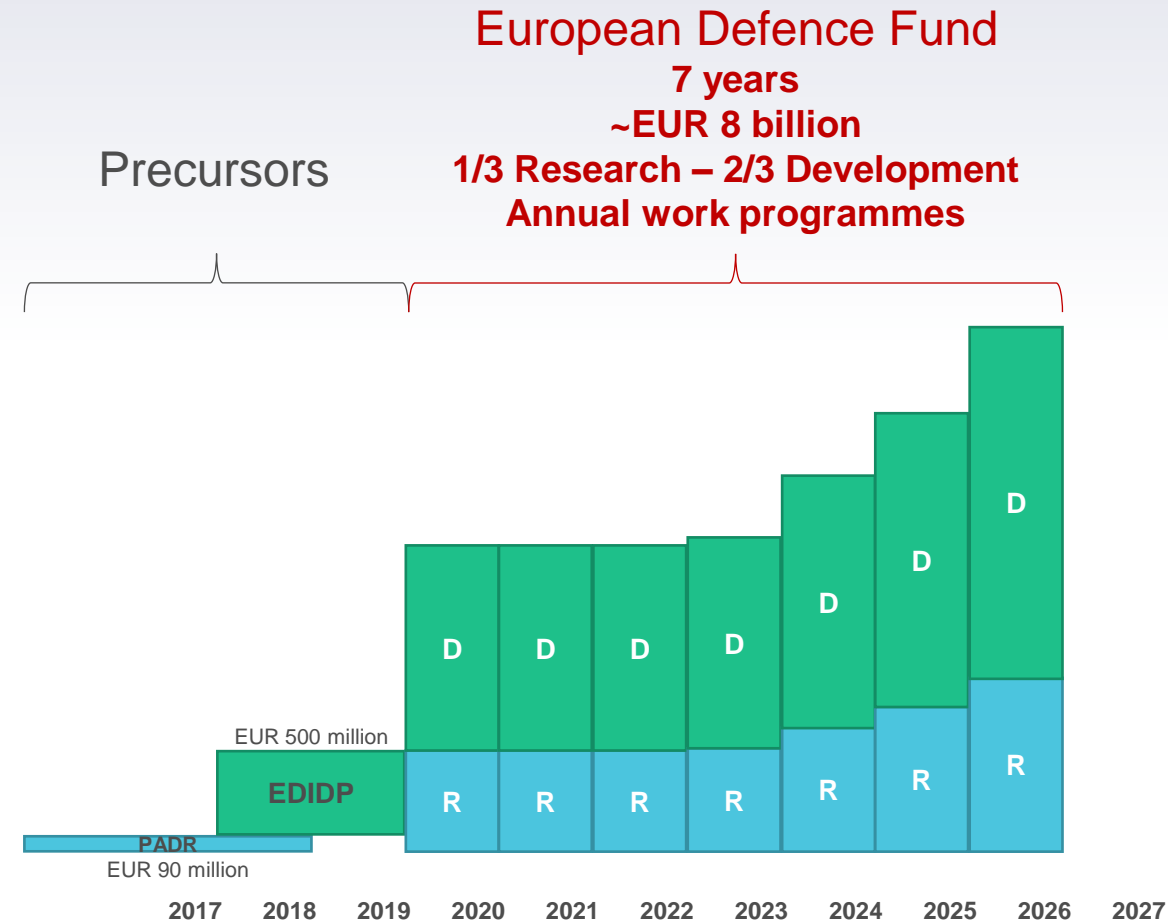
# Paving the way for the European Defence Fund





# Principles

- **Collaborative** and **cross-border** projects
- **Integrated research and development windows** but one programme
- Important for EDF to be **inclusive**
- Support to **innovation** capacity
- **Demand** is driven by Member States
- Take into account **security** interests
- Compliance with **ethical** principles



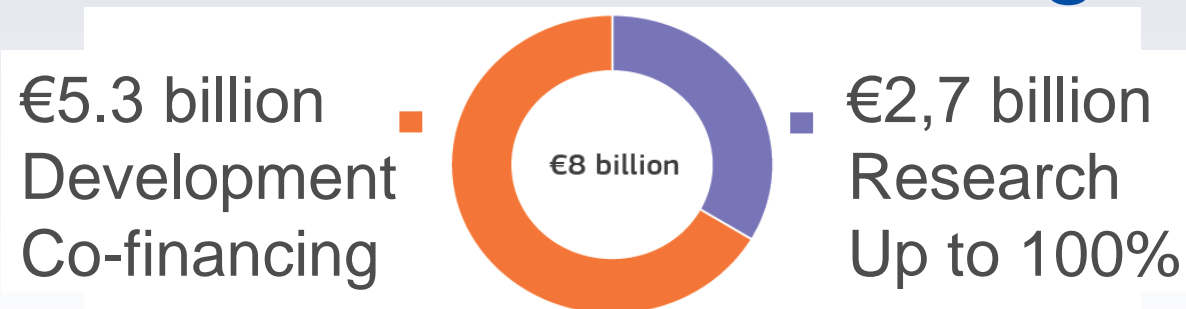


# Eligible entities

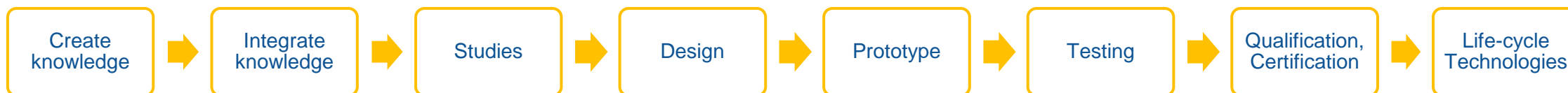
- Consortium of at least **three legal entities** established in at least **three different Member States/Associated Countries (Norway through the EEA agreement)**
- Only **entities established in the Union** or in Norway which are not controlled by third countries/companies
- Exception if conditions relating to the **security and defence interests of the Union** and its **Member States** are met:
  - No risk in the ability to perform the action (security of supply)
  - Sensitive information are not accessible to 3rd country entity (security of information)
  - No Transfer of IP (IPR remains in the EU)**Guarantees** approved by Member States needed
- Companies outside the Union **can cooperate** (conditions above apply), but **without EU funding**



# Type of action, activities, funding rates



## Activities:



R	100%	100%	100%	100%				
D		65%	90%	65%	20%	45%	70%	65%

Indirect costs: 25% flatrate or actual costs (accounting)

Bonus ( $\leq 35\%$ ) : - **PESCO**

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

- participation of **Midcaps**



## EDF WP 2021: funding priorities and topics

**Medical response & CBRN**

- Detection & identification of CBRN threats
- Medical countermeasures

€68.5 million

**Information superiority**

- Stratospheric platforms
- Communications standards, incl. 5G for defence

€70 million

**Sensors**

- Infrared detectors
- Radars

€38 million

**Cyber**

- Cyber defence with AI
- Efficiency of Cyber trainings & exercises

€33.5 million

**Space**

- Space and ground-based NAVWAR surveillance
- European protected waveform

€50 million

**Digital transformation**

- Artificial intelligence
- Operational clouds

€58.5 million

**Energy & Environment**

- Energy for camps
- Energy storage for forward bases
- Propulsion and energy for air combat systems

€133 million

**Materials & Components**

- Protection in hostile environment
- Radiofrequency components

€40 million

**Air combat**

- Next generation rotorcraft
- Enhanced cockpits
- Collaborative air combat

€190 million

Top-up from 2022

**Air & missile defence**

- Ballistic missile defence

€100 million

Top-up from 2022

**Ground combat**

- Improved warheads
- Upgrade modular ground fleet
- Unmanned ground vehicles
- Collaborative ground close combat

€160 million

Top-up from 2022

**Protection & Mobility**

- Soldier systems
- Military mobility information tools

€50 million

**Naval combat**

- Digital ship & Ship digital architecture
- Ship health monitoring
- Patrol corvette

€103.5 million

**Disruptive technologies**

- Quantum technologies
- Over the horizon radar
- Non line of site sensors
- Additive manufacturing

€70 million

+ Dedicated open call

**SMEs**

- Open call for research actions
- Open call for development actions

€53.5 million





# EDF 2021 Open calls for SMEs

Categories of Action	Calls/ Budget	Topics / Targeted activities	Comments	
<b>EDF-2021-OPEN</b> Open calls for innovative and future-oriented defence solutions	<b>Research</b> <b>17,5M€</b>	<b>R-SME: Research on innovative and future-oriented defence solutions</b> <i>One or more among all eligible activities for research actions. <b>No Studies alone.</b></i>	<ul style="list-style-type: none"> <li>Several actions</li> <li>Lump sums</li> <li>Max 4M€ per action</li> <li>Business coaching for SMEs</li> </ul>	<ul style="list-style-type: none"> <li>Consortium of SMEs and research organisations. Coordinator SME.</li> <li>Up to 40% of funding to research organisations</li> <li>One or more activities eligible for R</li> <li>Cannot cover study alone</li> <li>Up to 30% funding in subcontracting per beneficiary</li> </ul>
	<b>Development</b> <b>36M€</b>	<b>D-SME: Development on innovative and future-oriented defence solutions.</b> <i>One or more among all eligible activities for development actions <b>with at least one from Design and beyond</b></i>		<ul style="list-style-type: none"> <li>Only SMEs can be beneficiaries</li> <li>Up to 30% funding in subcontracting per beneficiary</li> <li>One or more activities eligible for D</li> <li>At least one activity 'Design' or beyond</li> </ul>





# Inclusion of SMEs in EDF

- SME bonus & award criterion
- Open calls dedicated to SMEs
- Connecting SMEs with wider defence community
  - EDIDP 2019 outcome shows that 37% of entities in projects were SMEs
  - 25% of these SMEs in SME call, 75% in other calls



EUROPEAN DEFENCE FUND

# Enterprise Europe Network



**3000**

LOCAL  
EXPERTS



**600+**

LOCATIONS



**60+**

COUNTRIES  
WORLDWIDE



EUROPEAN DEFENCE FUND

# Enterprise Europe Network

## A broad range of services for growth-oriented SMEs



+ **New focus areas** : Sustainability, digitalisation & resilience support



# Enterprise Europe Network

Commission has been providing info-sessions and materials to EEN



## Sector Group Aeronautics, Space & Defence

- Focal point within EEN on Defence
- Support innovative SMEs to reach out to defence community
- Chair: Emilien Watelet ([emilien.watelet@id2move.eu](mailto:emilien.watelet@id2move.eu))
- Group members: <https://een.ec.europa.eu/groups/4725/members>



EUROPEAN DEFENCE FUND

# ENDR Objectives

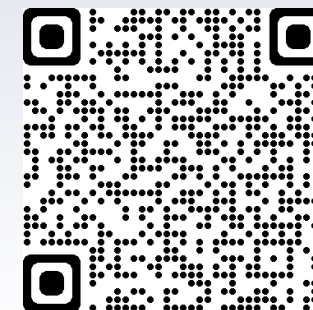


EUROPEAN NETWORK OF  
DEFENCE-RELATED REGIONS


- **Bring together regional organisations and clusters to exchange good practices in**
  - integrating dual-use (defence-related) into their regional development strategies, in particular into RIS3
  - supporting defence-related SMEs
- **Inform regional organisations and clusters about funding opportunities**
  - so that they can in turn provide information and guidance to SMEs
- **Promote the regional clusters of excellence**



# European Network of Defence Related Regions



[www.endr.eu](https://www.endr.eu)



7 October 2021 - 8 October 2021  
Le Havre, France

## Drones and counter Unmanned Aerial Systems for defence

### Drones and counter Unmanned Aerial Systems for defence, Le Havre (FR)

- 7-8 October 2021
- European conference (hybrid) organised by DG DEFIS and NAE Normandie
- Speakers from European Commission, EDA, NATO, Agence Innovation Défense, companies, research centre, university
- B2B opportunities facilitated by EEN



# Advanced Materials for Defence Applications, Gothenburg (SE)

- 13 October 2021
- Webinar organised by DG DEFIS and SOFF
- Speakers from European Commission, EDA, Swedish Armed Forces, Swedish Defence Materiel Administration, companies, RTOs. Closed by Swedish Minister for Defence

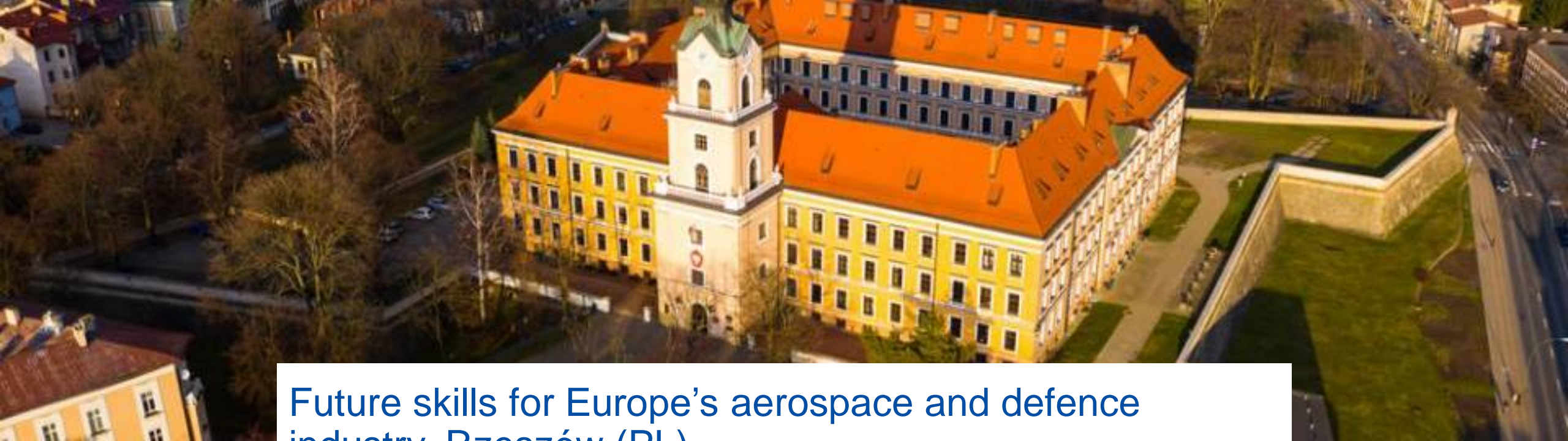
Organised by



EUROPEAN NETWORK OF  
DEFENCE-RELATED REGIONS



#am4defence



## Future skills for Europe's aerospace and defence industry, Rzeszów (PL)

- 21-22 October 2021
- European conference (hybrid) organised by DG DEFIS, Polyt.University of Rzeszów, Aviation Valley
- Speakers from European Commission, authorities, companies, research institutes, universities and training organisations
- Projects opportunities pitching session, technical lab and industrial site visits





## The soldier of the future, interconnectivity between defence, space and cyber technologies, Copenhagen (DK)

- 9-10 November 2021
- European conference (hybrid) organised by DG DEFIS and CenSec
- Speakers from European Commission, DK & BE Armed Forces, DK Defence Procurement Agency, companies
- B2B opportunities facilitated by EEN, exhibition



# National Focal Points for EDF

- › Network of NFPs for the EDF is gradually being built up
- › NFPs are nominated by Member States and Associated Countries and supported by national structures established under the responsibility and control of the Member States and Associated Countries
- › NFPs will support the implementation of the EDF - they will reach out to stakeholders, provide information and advice to potential applicants and beneficiaries of the EDF programme and assist in building partnerships
- › Commission will support the networking between the NFPs and facilitate exchange of best practices



EUROPEAN DEFENCE FUND

# EDF Info Days

- › EU EDF Info Day 15-17 September 2021
  - › More than 2,100 registered participants
  - › 800 B2B meetings took place
  - › [https://ec.europa.eu/defence-industry-space/european-defence-fund-edf-information-day-networking-event\\_en](https://ec.europa.eu/defence-industry-space/european-defence-fund-edf-information-day-networking-event_en) (slides and video)
- › National EDF Info Days
  - › 14 events (April - November '21)



# Useful links

EDF: [https://ec.europa.eu/defence-industry-space/eu-defence-industry/european-defence-fund-edf\\_en](https://ec.europa.eu/defence-industry-space/eu-defence-industry/european-defence-fund-edf_en)

EDF Regulation: <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32021R0697&qid=1621243243743&from=EN>

DG DEFIS: [https://ec.europa.eu/defence-industry-space/index\\_en](https://ec.europa.eu/defence-industry-space/index_en)

National Focal Points for EDF: [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)

Funding and Tenders portal (EDF2021 calls)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/edf>

or

[https://ec.europa.eu/defence-industry-space/funding-and-grants/space-and-defence-related-funding\\_en](https://ec.europa.eu/defence-industry-space/funding-and-grants/space-and-defence-related-funding_en)



Thank you!

Any questions?