

# NEW EUROPEAN DEFENCE RESEARCH SCHEMES: Update on PADR and EDF- Research

March 2019

European Union's Preparatory Action for Defence Research - PADR programme has received Union's funding

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# THE EUROPEAN DEFENCE FUND: A MAJOR POLITICAL EVOLUTION

## Ongoing developments:

### AIM

The European Commission launched the **European Defence Fund** in June 2017 with the aim to:

- ▶ Contribute to strengthening the **competitiveness** and **innovative capacity** of the EU's defence industry
- ▶ Foster defence cooperation through **supporting investment** in joint defence research, development of prototypes and acquisition of defence equipment and technology

### CAPABILITY DEVELOPMENT (CAP lead)

The European Parliament and the Council have just adopted a regulation establishing a European Defence Industrial Development Programme (EDIDP) 2019-2020 with a budget of € 500 million

The European Commission, European Parliament and the Council are currently in negotiations with the objective to pass in 2019 a legislation establishing a European Defence Fund 2021-2027 that will cover both Capabilities and Research

Proposed budget € 13 B: € 8.9 B for Capability development and € 4.1 B for Research

### RESEARCH (RTI lead)

Preparatory Action on Defence Research 2017-2019 ongoing (budget € 90 M) with a view to developing a future European Defence Research Programme (2021-2027)

### EDA ROLE

- ▶ Potential upstream, implementing and downstream role
- ▶ These 3 roles have already been performed for the Preparatory Action on Defence Research and for its precursor the Pilot Project on Defence Research 2015-2016 (3 research activities completed in 2018)

# PILOT PROJECT ON DEFENCE RESEARCH: OUTCOME

- ▶ Delegation Agreement signed on 28 October 2016
- ▶ 3 projects awarded, the last one concluded in May 2018:

Acronym	Topic	Consortium leader	Grant	Duration	End
EuroSWARM	<i>Unmanned Heterogeneous Swarm of Sensor Platforms</i>	Cranfield University	434,000€	12 months	Feb'18
SPIDER	<i>Inside Building Awareness and Navigation for Urban Warfare</i>	Tekever	433,225€	12 months	Feb'18
TRAWA	<i>Standardisation of Remotely Piloted Aircraft System (RPAS) Detect and Avoid</i>	NLR	433,292€	18 months	May'18

PP DA main activities concluded on 30 November 2018

# PREPARATORY ACTION ON DEFENCE RESEARCH (PADR)



PADR is managed by the EDA based on a Delegation Agreement signed with Commission on 31 May 2017

- ▶ Is test-bed for proving the relevance of EU defence research
- ▶ Prepares fully-fledged EU Defence Research Programme in Multiannual Financial Framework 2021-2027
- ▶ Is central element of European Defence Fund 'Research Window'

Calls for proposal were launched in 2017 and 2018, last ones planned in 2019

- First 5 projects have been granted and are running
- Next 3 grant signatures expected by early 2019
- Work programme for 2019 under finalisation in the Commission-chaired as-if Programme Committee

## EDA ROLE

- ▶ **Upstream role:**  
Member States with EDA discuss and prepare input for work-programmes
- ▶ **Implementation role:**  
Calls for proposals, evaluation of proposals, grant management
- ▶ **Downstream role:**  
Exploitation for follow-on actions

# PADR CALLS 2017 – AWARDED PROJECTS

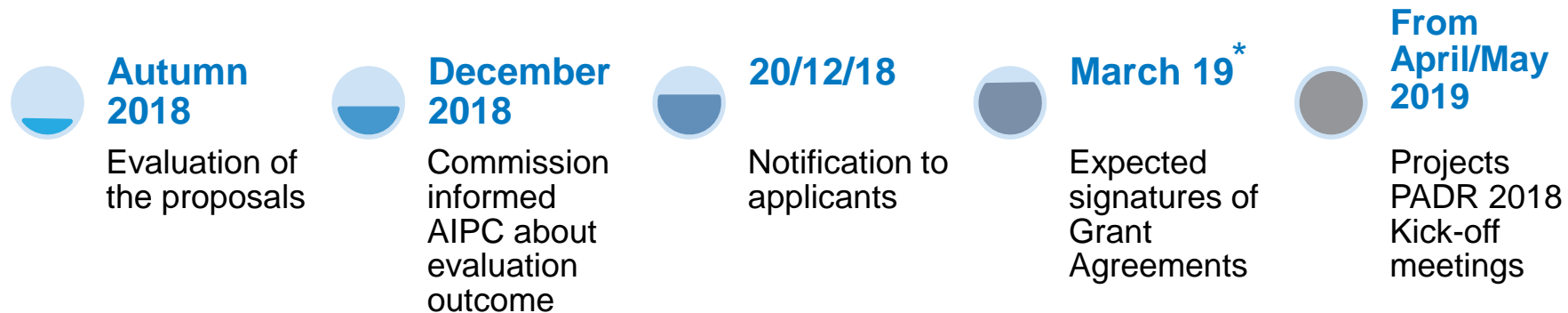
- PADR-US-01-2017 (Technological demonstrator for enhanced situational awareness in a naval environment)
  - Project **OCEAN2020**
- PADR-FPSS-01-2017 (Research in technology and products in the context of Force Protection and Soldier Systems)
  - Projects **GOSSRA**, **VESTLIFE** and **ACAMS II**
- PADR-STF-01-2017 (Strategic Technology Foresight)
  - Project **PYTHIA**

# PADR STATE OF PLAY – CALLS 2018

- 8 proposals received and evaluated
- 3 proposals selected: PADR-EDT-02-2018

PADR-EF-02-2018

PADR-STF-02-2018



\* Administrative steps of the grant agreement preparation:

- Security Scrutiny
- Facility security clearances



# PADR STATE OF PLAY – CALLS 2019

- PADR 2019 Financing Decision adopted by the European Commission on 19 March 2019
- After which, EDA proceeds as follows:



# PADR CALL FOR EXPERTS

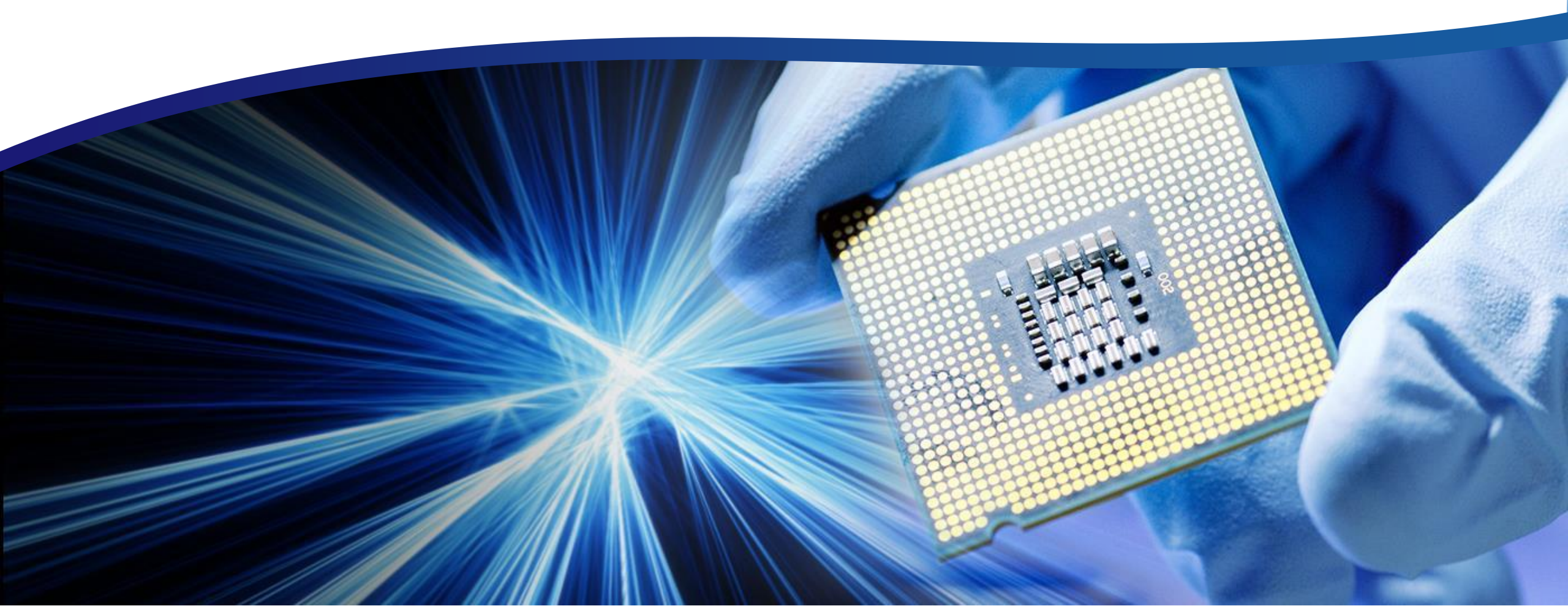
**Call for Experts is open!! – No deadline for registrations**

<https://www.eda.europa.eu/procurement-biz/procurement/eda-procurement/call-for-experts-for-the-preparatory-action-on-defence-research>





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**THANK YOU – Q&A**