



PADR-OPEN-03-2019: Challenging the future

**Infoday & Brokerage Event
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Outline 2019 PADR Work Programme

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*)

Emerging game changers (*5 predefined topics*)

Call – Unmanned systems

Interoperability standards for military unmanned systems



An open call in the defence domain

- Driving role of new actors, including excellent young researchers, ambitious high-tech SMEs and visionary research centres
- Cutting-edge, high-risk, game-changing impact
 - **Disruptive impact in the defence domain**
 - **Radical vision**
 - **Breakthrough technological target**
- No restriction on technological domain or specific application (but: focused on military application and in accordance with international law)
- Facilitating involvement: short outline proposal, other modalities simplified



Expected Impact

- Scientific and technological contributions to the foundation of a future technology with **disruptive applications** in the area of defence;
- Potential for future social or economic impact or market creation;
- Building leading defence research and innovation capacity across Europe by involvement of key actors that can make a difference in the future;
- Convincing demonstration of the potential of EU-funded research for defence applications.



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Call published on the Funding and Tender opportunities Portal

The screenshot shows the European Commission's Funding & tender opportunities portal. The page title is "Funding & tender opportunities" with the subtitle "Single Electronic Data Interchange Area (SEDIA)". The navigation bar includes "SEARCH FUNDING & TENDERS" (highlighted with a red box), "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT", and "SUPPORT". The search results section displays "1 results" for the query "defence". The result is a "Grant" titled "Challenging the future PADR-FDDT-OPEN-03-2019". The action is "Preparatory Action on Defence Research – Research Action" and the programme is "Pilot Projects and Preparatory Actions". The status is "Forthcoming" with an opening date of "04 June 2019". The deadline is "03 September 2019 17:00:00 Brussels time". The filter sidebar on the left shows "defence" in the search box, "Match whole words only" unchecked, "GRANTS" checked, and "TENDERS" unchecked. Under "Filter by submission status", "FORTHCOMING" is selected. Under "Filter by programme (only for grants)", "PPPA" is selected. The footer contains copyright information for 2018 and links for "About", "IT Helpdesk", "Cookies", "Legal Notice", and "APIs".

European Commission | Funding & tender opportunities | Single Electronic Data Interchange Area (SEDIA)

English EN | Register | Login

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

Pilot Projects and Preparatory Actions (PPPA)

defence

Match whole words only

GRANTS TENDERS

Filter by submission status

FORTHCOMING OPEN CLOSED

Filter by programme (only for grants)

PPPA

Filter by call

Select a Call...

Clear filters

Funding and tenders | Sort by: opening date | title | ID | deadline

1 results

Download all funding and tender opportunities to your calendar or subscribe to the RSS feed (unfiltered).

Online manual "Find a grant"

See all calls for tenders published by EC

Grant **Challenging the future PADR-FDDT-OPEN-03-2019**

Types of action: Preparatory Action on Defence Research – Research Action | Programme: Pilot Projects and Preparatory Actions

Forthcoming | Opening date: 04 June 2019 | Deadline model: two-stage | Deadline date: 03 September 2019 17:00:00 Brussels time | Second stage deadline

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A two stages selection process

March 2019	publication		
4 June 2019	opening	Submission of outline proposals	First stage
3 September 2019	deadline	Evaluation	
	- Scientific		
	- Military impact		
Invitations to the second stage			
[November 2019]*	opening	Submission of full proposals	Second stage
[30 January 2020]*	deadline	Evaluation	
Signature of grant agreements (2020)			



Outline proposal

- Central idea and key points
- Scientific-technological objective
- Approximate cost
- Description of how a disruptive effect would be produced

Maximum **10 pages** (2500 words)

1. Scientific evaluation based on **excellence** and **impact** organised by the Commission assisted by independent experts
2. Assessment of **military impact** of the disruptive effect by defence experts



Key figures

- Type of action: Research action
- Contribution: EUR 1 500 000
- Duration: maximum 24 month
- Up to TRL 3 (experimental proof of concept)
- Deadline for outline proposals: **3 September 2019**