

Pressekonferenz EK 19.3.2019 (Katainen, Bieńkowska)

Financing innovation in defence research:

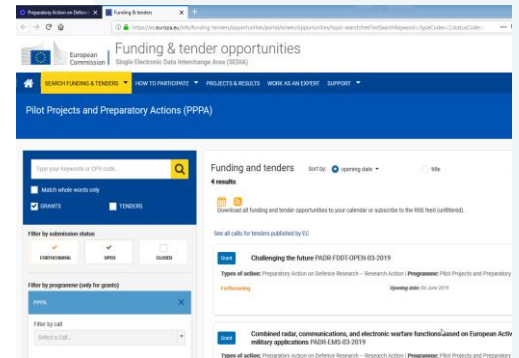
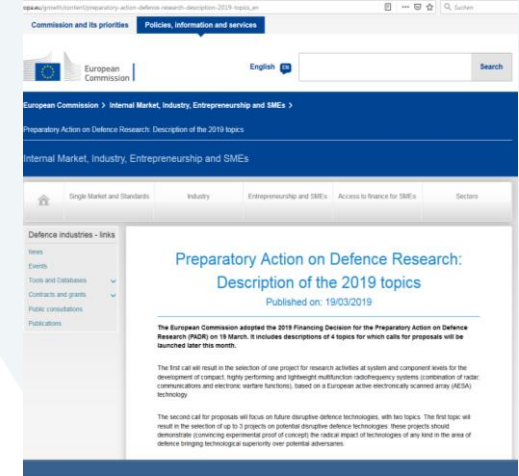
- Today Commission publishes calls for proposals under the Preparatory Action on Defence Research (PADR), the third and final budget tranche under the Juncker Commission. The 2019 Work Programme will dedicate €25 million for research in Electromagnetic Spectrum Dominance and Future Disruptive Defence Technologies - **two areas identified as essential to maintain Europe's technological lead and independence in the long-term.**
- The calls on Future Disruptive Defence Technologies will look at how best the EU can support disruptive technologies in defence that may lead to transformational changes in the military. This will **help prepare the ground for the European Defence Fund** which could allocate up to 8% of its budget for disruptive technologies.

19 March 2019 the Commission adopted the Financing Decision for the PADR 2019 Calls for Proposals:

https://ec.europa.eu/growth/content/preparatory-action-defence-research-description-2019-topics_en

The calls have been published on 19 March 2019 by the European Defence Agency onto:

[Funding and Tender Opportunities Portal – Pilot Projects & Preparatory Actions \(PPPA\)](#)



Budget: EUR 25 Mio (+/incl. NO); 4 Calls

PADR-EMS-03-2019

[Electromagnetic Spectrum Dominance](#)

EDA

Opening date: **21 March 2019**

Closing date: **28 August 2019**

PADR-FDDT-EMERGING-03-2019

Future Disruptive Defence Technologies

([Emerging Game-changers](#))

PADR-US-03-2019

Unmanned Systems ([Interoperability standards for military unmanned systems](#))

=> bis zu 10 geförderte Projekte

PADR-FDDT-OPEN-03-2019

Future Disruptive Defence Technologies

([Challenging the future](#))

EK

First stage:

Opening date: **4 June 2019**

Closing date: **3 September 2019**

Second stage:

Opening date: **date will be communicated to the successful applicants of stage 1**

Closing date: **30 January 2020**

=> Neuer Ansatz => 2-stufiges Verfahren

Call 1 - PADR-EMS-03-2019: Electromagnetic Spectrum Dominance

Development of compact , highly performing and lightweight multifunctional radio frequency system

[Combined radar, communications and electronic warfare functions based on European Active Electronically Scanned Arrays (AESA) technology for military applications]

TRL: mindestens 4 (system level & component level)

Förderhöhe: **EUR 9 000 000 bis 10 000 000** (max. 1 gefördertes Projekt)

Laufzeit: max. 30 Monate

Call 2.1. - PADR-FDDT-03-2019: Future Disruptive Defence Technologies

Contribution to the development of breakthrough technologies for defence applications

5 Themenbereiche:

- *low drift, small scale, power efficient, integrable systems capable to deliver **Autonomous Positioning, Navigation and Timing (PNT)** services in GNSS denied/contested environments*
- *use of **Artificial Intelligence in defence technologies** across the whole military capability spectrum*
- *use of **Quantum technologies for defence applications***
- *radical solutions for cost-efficient **long-range precision strikes***
- ***Augmenting soldier capacity***

TRL: 3 bis 4

Förderhöhe: bis zu **EUR 1 500 000** (bis zu 5 Projekte)

Laufzeit: max. 24 Monate

Call 2.2. - PADR-FDDT-03-2019 : Future Disruptive Defence Technologies

“OPEN Call”

Projects should demonstrate the radical impact of technologies of any kind in the area of defence bringing technological superiority over potential adversaries

[Cutting-edge, high-risk/high-impact research leading to game-changing impact in a defence context]

Angestrebtes Ergebnis: **experimental proof of concept**

Förderhöhe: bis zu **EUR 1 500 000** (bis zu 3 Projekten)

Laufzeit: max. 24 Monate

Direktes Management durch die Kommission; **2-stufige Evaluation**

Zielgruppe: new actors in defence research and innovation, including excellent young researchers, ambitious high-tech SME, visionary research centres of big companies and research and technology organisations.



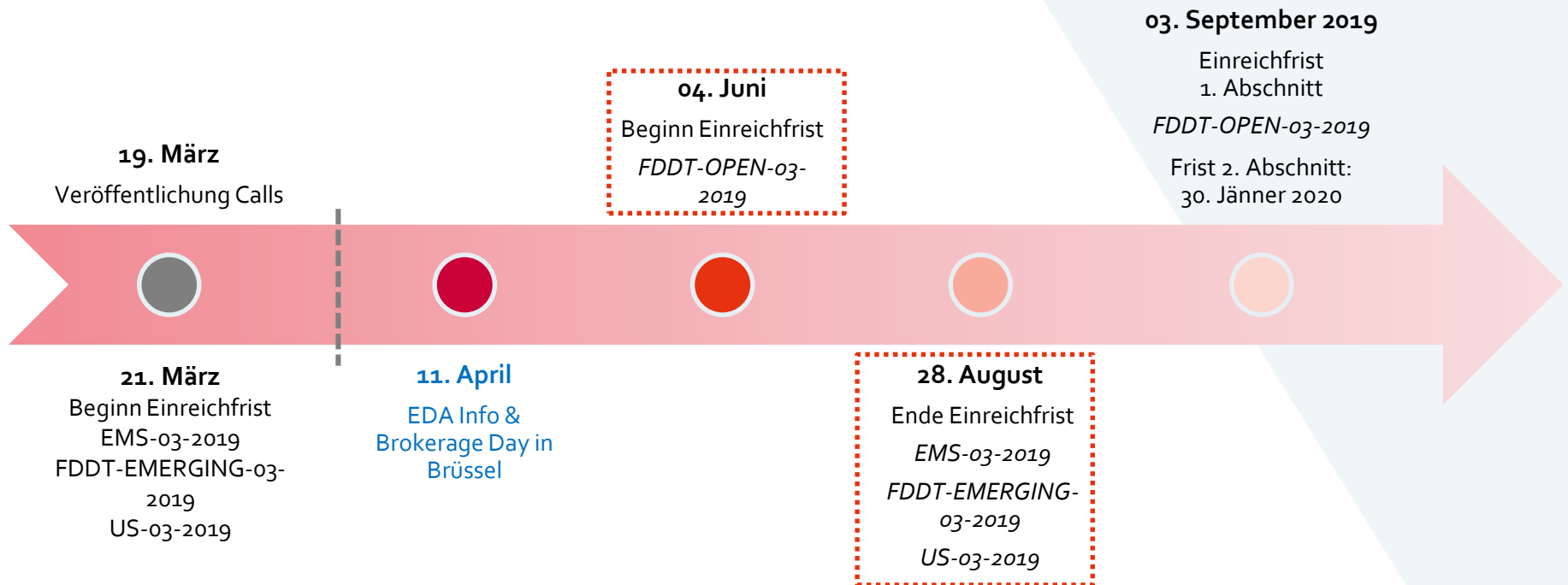
Call 3 - PADR-US-03-2019: Unmanned Systems

Interoperability standards for military unmanned systems increasing interoperability of various defence units using autonomous systems

Förderhöhe: bis zu **EUR 1 500 000** (max. **1** gefördertes Projekt)

Laufzeit: max. 24 Monate

Save the Date(s)



Sonstige Aspekte

- Evaluierungsexperten (Registrierung neuer, Nutzung Expertise, ...)
- Serviceleistung durch FFG (analog anderer Programme)
- Nutzung „öCapTech“ - Plattformen zur Koord/Abstimmung
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