

CALL FOR PAPERS

EDA - INDUSTRY EXCHANGE PLATFORM ON RPAS AIR TRAFFIC INSERTION (ATI)

The integration of military Remotely Piloted Aircraft Systems (RPAS) in European airspace is one of the priorities for EDA and its participating¹ Member States. The Agency has several ongoing activities in this domain, namely R&D activities and studies, expert committees and working groups. Besides, and in line with the specific guidance from EDA Ministerial Steering Board¹ on industry engagement, EDA set up an Industry Exchange Platform on this domain, with two formal meetings already organised, the last one held the 26 October 2018.

These meetings are an opportunity to discuss a selection of technical areas related to the integration of military RPAS into the European Air Traffic Management (ATM) system amongst different stakeholder such as EDA Member States, European institutions and international organisations, and European industry.

The third RPAS ATI Industry Exchange Platform meeting scheduled on **8 November 2019** will be focused on two priority areas previously identified in the Platform²:

- **Health Monitoring:** safe automated monitoring and support to decision making
- **Remote Pilot Stations standardisation** including human factors in a highly automated system, and multi RPA control.

An important agenda item will be devoted to identifying new R&D and validation activities and the potential implementation means including relevant technical and financial aspects in these areas. To that end Industry is invited to present potential project proposals in the abovementioned areas following the instructions provided in this document. Contributors will be invited to present the selected papers and to participate in an open discussion on the potential implementation mechanisms and the role of Industry, EDA and its participating Member States in this context.

INSTRUCTIONS

Answers should use the template provided in Annex 1 and be limited to 1500 words for all sections together, though length will not be used as an exclusionary criteria. They should not contain commercially sensitive information. Answers will be made available as supporting material for the next Industry Exchange Platform meeting.

Please send the paper to the EDA by e-mail to ise@eda.europa.eu with a copy to Mr. Juan Ignacio DEL VALLE, ISE Project Officer UAS Programmes (juanignacio.delvalle@eda.europa.eu) by the **27th September 2019 COB**.

¹ EDA's revised approach towards establishing a structured dialogue and enhanced engagement with industry based on a set of priority actions, supported by the EDA Ministerial Steering Board on 18 May 2017

² This prioritisation is the result of an internal assessment on the alignment of the 1st Formal Meeting Outcomes with EDA pMS' priorities as defined the Capability Development Plan (CPD), the Technology Building Blocks (TBB) or the CapTechs' Strategic Research Agendas

Please clearly indicate a point of contact inside your company to coordinate participation in the 3rd Formal Meeting of the Industry Exchange Platform. Any questions may be addressed to Mr. Juan Ignacio DEL VALLE by e-mail.

The EDA will assess the papers according to the criteria below while also striving to select a broad spectrum of representatives to ensure as fair, objective and balanced a discussion as possible. Responses from national research centres as well as commercial actors will be considered.

ELIGIBILITY CRITERIA

European- Submitters must represent European defence industry³ or European defence industrial interests (in the case of research institutes) and be active in the area of RPAS.

Experience - Lack of defence expertise will not be a criterion for exclusion but interested commercial actors must have a demonstrated track record of output and an effective market presence of RPAS in civil area.

Versatility – Submitters should be well versed in RPAS technology however participation is not limited RPAS manufacturers and systems integrators and submissions from SME's are encouraged.

EVALUATION CRITERIA

Relevance – Only proposals in the two technical areas identified in this Call for Papers (Health Monitoring and Remote Pilot Stations) will be considered. The focus shall be integration of RPAS in the European Air Traffic Management system only (Accommodation and/or full Integration phases). Concepts from VLL, UTM or U-space are out of the scope and should be only be addressed when impacting the operation within the ATM system (e.g ATM/UTM interface).

Credibility and ambition – The responses to this Call for Papers shall describe credible proposals in terms of objectives, required effort, project duration and technology readiness in the 2025-2030 timeframe. They shall describe their added value to the RPAS ATI domain in Europe and their approach to bridge R&D to final solutions (industrialisation).

Clarity – The responses to this Call for Papers shall use the template provided in Annex 1 and clearly address all sections, or provide a rationale when a specific section is Non Applicable.

³ Following EDA's approach towards Industry Engagement, the Agency will apply the same rules on industries' participation in this workshop as those agreed under the EDIDP regulation. This category thus includes industries established in the EU Member States and in countries having an Administrative Arrangement (AA) with EDA that are contributing to the EU-budget and are subject to EU regulations.

**INDUSTRY EXCHANGE PLATFORM RPAS ATI
EDA PRELIMINARY OUTLINE DESCRIPTION**

[FULL NAME OF PROPOSED PROJECT/PROGRAMME]

[ACRONYM]

1. DURATION OF PROJECT/PROGRAMME

[Set out length]

2. LINKED TO OTHER EDA PROJECTS/PROGRAMMES

[Set out any Projects/Programmes or N/A]

3. ESTIMATED VALUE IN EURO (INCLUDING INDUSTRY CONTRIBUTION)

[Set out amount]

4. OBJECTIVE

[Set out objective of Project/Programme having regard to the EDA's mission, functions and tasks as set forth in Arts. 2 and 5 of Council decision 2015/1835]

5. CLASSIFICATION

EU Unclassified/EU Classified

6. PARTICIPATION OF EUROPEAN COMMISSION, THIRD STATES OR OTHER THIRD ORGANISATION OR ENTITY

[Set out any participation by non-MS or N/A]

7. PARTICIPATING INDUSTRIES

[Set out any industries or N/A]

8. LINKAGES TO EXTERNAL ACTIVITIES

[Set out activities, including but not limited to SESAR 2020, H2020 and national projects and initiatives]
