

Partner search or offer

Date (11-01-22)

(*) Relevant topic(s) in work programme

HORIZON-CL5-2022-D5-01-13

Digital aviation technologies for new aviation business models, services, emerging global threats and industrial competitiveness

Quick description of the project concept (up to 10 lines)

Focus on exploratory research topics (TRL2-4) linked with UAM/UAS and New aerial mobility use cases & services.

We can contribute as technology providers to New Aviation services in Work Packages dedicated to safe flight operations through enabling technologies : UAS critical avionics, resilient GNSS systems, Situation awareness and autonomy and AI/ML based solutions

We are keen on using innovative technologies that exploit synergies with Defense and Space applications

(*) Description of the expertise requested/proposed (up to 10 lines)

- **Critical embedded electronics**
- **Safe and secure High-integrity Avionics**
- **GNSS resilient navigation**
- **Situation awareness and autonomy for UAM and UAS** (Detect & Avoid, Vision based navigation and landing etc.)
- **U-Space connectivity**
- **AI-based technologies including Machine Learning database engineering** (acquisition, management and exploitation)

Organisation information

Organisation name and country:

SAFRAN Electronics & Defense

Type of organisation:

Enterprise SME Academic Research institute Public Body Other:

Former participation to FP European projects?

Yes No

Web address:

<https://www.safran-group.com/companies/safran-electronics-defense>

<p>Description of the organisation:</p> <p>High-technologies solutions in optronics, avionics, electronics and critical software for both civil and military markets spans land, naval, aeronautical and space applications. Safran Electronics & Defense is Safran Group's electronics specialist, providing systems integrators with solutions that drive differentiation</p>
<p>Experience and connections:</p> <p>Management of several European collaborative projects (FP7, Horizon 2020 etc.) as leader and participants for activities in Cluster 3 (security), 4 (digital) and 5 (aviation), and SESAR 2020 projects.</p> <p>Connections with civil aviation authorities and stakeholders in both France (DGAC-DSNA / GTN-NCP for Horizon Europe) and EU (EASA, EUROCONTROL, JARUS etc.). Member of ASD European industry association (including UAM-WG) Member of SESAR 3 Joint Undertaking</p>

(*) Contact details

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(*) Do you entitle the French Transport NCP to publicly share the above mentioned information including your contact details ?

Yes No

Would you wish your expression of interest to be shared with other NCPs across EU member states and associated countries?

Yes No

If yes, any preferred countries / countries excluded?

(*) –Mandatory