

## Project Partner Search Form

I offer my expertise to participate as a Partner in a Horizon Europe Project

I am planning to coordinate a project and I am looking for Project Partners

### TOPICS OF INTEREST

Ciconia's focus is on 'Decentralized Autonomous Midair Conflict Resolution for all aerial vehicles serving first responders, drones of all types, new developed air taxis, helicopters, balloons ext.

Ciconia developed the C&CAS (Coordination & Collision Avoidance System) to allow all the above to operate safely and freely, in dense aerial operation even in limited visibility.

The calls we are interested in are:

- Horizon-CL3-2024-BM-01-02  
[HORIZON-CL3-2024-BM-01-02 Interoperability for border and maritime surveillance and situational awareness](#)
- Horizon-CL3-2024-INFRA-01-02  
[HORIZON-CL3-2024-INFRA-01-02 Resilient and secure urban planning and new tools for EU territorial entities](#)
- Horizon-CL3-2024-DRS-01-04  
[HORIZON-CL3-2024-DRS-01-04 Hi-tech capacities for crisis response and recovery after a natural-technological \(NaTech\) disaster](#)

### PARTNER INFORMATION

#### Description of the Legal Entity

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Higher Education         | <input type="checkbox"/> Research Institution | <input type="checkbox"/> Public Administration |
| <input checked="" type="checkbox"/> Industry /SME | <input type="checkbox"/> NGO                  | <input type="checkbox"/> Other: Please specify |

#### Description of the (Research) Team

- Ilan Zohar, PhD, Electrical Engineering, drones' control: Ciconia's CTO
- Eran Bar-on, Experimental Test Pilot, Physics: algorithm designer
- Gil Yannai Experimental Test Pilot, Airline Captain, Industrial Engineer: man-machine interface
- Michael Poliakov, Software Engineer: software architect
- Tovia Rosenberg, Computer Science: code developer
- Ronen Stoffman, Aerodynamic Engineer & Electrical Engineer: system engineer
- Eran Nir, Computer Science, Airline Captain (Ret.): evaluation systems

#### Expertise of the Team Leader

Moshe Cohen, CEO, entrepreneur, experienced industrial team leader, inventor, expert in autonomous decentralized midair conflict management, helicopter pilot. Experienced in planning and execution of complex projects, to include R&D

#### Potential role in the project

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Research | <input type="checkbox"/> Training   |
| <input type="checkbox"/> Dissemination       | <input checked="" type="checkbox"/> Other: R&D, prototype production, flight tests, design and execution, flight tests' analysis, system evaluation |

Already experience as a	Coordinator	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Partner	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Expert Evaluator	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Ciconia and Sagetech avionics won a \$1 million grant from the BIRD (US-Israel foundation). Ciconia was the coordinator. The program started on Feb. 2022, it will end in Sep. 2024. The co-development program progresses very well. Ciconia is experienced in planning and execution of innovative projects – from idea to a working system.

**CONTACT DETAILS**

Contact Person: Moshe Cohen
Organization: Ciconia Ltd.
City: Ness Ziona
Country: Israel
Phone: +972 50 7563101
Email: moshe@ciconia.flights
Organization Website: <a href="https://www.ciconia.flights/">https://www.ciconia.flights/</a>
Contact Person Webpage:

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A drone and a helicopter equipped with C&CAS; C&CAS flight test, Jan. 18<sup>th</sup> 2023, Israel. The C&CAS automatically steers the drone away whenever the drone is risking the helicopter.

<https://www.youtube.com/watch?v=5KRQOEXCzho>

<https://www.youtube.com/watch?v=84YLBVRwDJc>