

ISF/2022/SA/3.4.1/001

PROTECDOME: PROTEction DOME for public spaces against rogue drones

Date of Signing of Agreement: 18/07/2024

Project timeline: 01/03/2024 – 30/06/2026

Project budget: € 543,888.89

DISCRIPTION OF THE PROJECT:

The project is focused on the development of Counter-Unmanned Aircraft System (CUAS) system, on building capacity and competency of Law Enforcement Agencies (LEAs) in the use of CUAS technology, on sharing knowledge and data, and stimulating further testing and integration of CUAS technology in a harmonized way. The project will deliver a holistic workflow for developing UAS threat-scenarios as well as public spaces risk and vulnerability analysis methodologies for these threats. Novel CUAS solutions will be developed that go beyond existing commercial products enabling in that way protection solutions against rogue drones in public spaces. Field exercises using the proposed CUAS solutions will be conducted, and training material will be developed so as to build and maintain operational capacity of Law Enforcement Agencies (LEAs).

The main objectives of the PROTECDOME project are:

- Development of threat-scenarios for rogue drone operations in public spaces as well as development of a risk and vulnerability assessment toolkit that will assist operators and law enforcement agencies for the prevention of this emerging threat.
- Development of novel detection, tracking and alerting technologies and integration with situational awareness tools for improving real-time monitoring.
- Validate and demonstrate the impact of the proposed solution in operational scenarios, and
- Development of training material for capacity building on rogue drone threat scenarios.

By completing these project, consortium partners and EU LEAs will be in a better position to understand the drone threats and the counter-measures that can be applied to safeguard public spaces.

The project is implemented within the framework of the Internal Security Fund with the co – fi nancing of the European Union and the Re public of Cyprus.



**Funded by
the European Union**



Republic of Cyprus

