



WORKSHOP

EMERGENCY

MANAGEMENT
CLUSTER



Why – objectives of the COLLARIS Network

To effectively stimulate a wider and more complex use of UAV/UAS in crisis management and civil protection by:

- sharing experience and lessons learnt from the adoption of innovative solutions and their absorption into operational practices;
- supporting the development of skills, knowledge and competences among people implementing them;
- delivering knowledge and recommendations supporting the development and implementation of systemic solutions which represent enablers for effective use of UAV/UAS, in particular related to air traffic management and data processing and sharing.

General introduction



How?

- Thematic workshops, webinars, conferences
- Field Trials
- Trainings and virtual simulations
- Research activities – studies and analyses
- Gathering and sharing best practices
- Support for uptake of lessons learnt
- Individual and institutional capacity building (incl. UCPM EoE)



COLLABORATIVE network on unmanned Aerial Systems

2030 Horizon for Drones in Civil Protection and Crisis Management Activities

A study on upcoming near-term innovations
that will re-shape drone use in the blue light sector

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2024

COLLARIS partner organizations:



General introduction



What – main thematic areas

Observatory – analysis of operational practices, including: drones for wildfires and floods, drones as first on scene, autonomous operations, mapping (pre, during, post disaster), coordination of UAV and manned flights in crisis operations

Support for uptake of lessons learnt: overview and selection of the most interesting and/or popular operational use cases for drones, general ATM recommendations reflecting crisis management sector needs and expectations, structured overview of national drone regulations, analysis of public perception of UAS in Europe, dedicated report on use of UAS in Volunteer vs. Professional Organizations.

Individual capacity building and international cooperation: organisation of Air Operations Coordinator Course, publication of Massive Open Online Course as an e-learning, release of Virtual Simulation Scenarios for Incident Commander training, participation in UCPM exercise by providing a short episode focused on ATM aspects.

Data analysis and sharing to improve situational awareness: recommendations for interoperability standards for solutions for data analysis and data sharing to improve situational awareness and risk analysis, adaptation of AIDERS AI-toolkit for DRM of critical/common risks



Help drones fly to save lives!



Who? COLLARIS Network is...

- Network of stakeholders interested in use of UAS for crisis management, first response and related applications
- A long-lasting focal point facilitating adoption and effective use of UAS among civil protection community
- A sustainable European network of scientific, engineering and end-user's expertise related to UAS in civil protection and disaster response
- Distributed knowledge centre focused on use of UAS in civil protection
- Platform for discussion about future of UAS in civil protection



Help drones fly to save lives!



Legend

- other countries
- Associated Partners
- Consortium Partners



● Consortium



○ Associated Partners





THANK YOU!

Anna Kobierzycka
Crisis Information Centre CBK PAN

COLLARIS Network
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OTHER CONTACT LINKS

linkedin.com/company/collaris-network/

The Overwatch logo, featuring a red circular icon with a white dot and the word "Overwatch" in red.

The UNICORN logo, with "UNICORN" in blue capital letters and a blue circular icon containing a white unicorn head.

The DIREKTION logo, featuring an orange network diagram above the word "DIREKTION" in blue, with "Disaster Resilience Knowledge Network" in smaller blue text below.

The Collaris2 logo, with "Collaris2" in blue and a small drone icon above the "2", and a colorful network diagram below.

