COLLaborative network on unmanned **A**e**RI**al **S**ystems

D2.3 – Universal training material

WP 2 - Operational procedures and best practices and methods of increasing personnel competence

Deliverable type: Report

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COLLARIS partner organizations:

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Executive summary

This report presents the universal training material developed within the framework of the COLLARIS project, aimed at enhancing the competencies of multi-agency personnel in deploying unmanned aerial systems (UAS) for crisis management and disaster response. The centrepiece of this material is a structured tabletop exercise designed to address critical challenges in air traffic management, communication, and collaboration during complex emergency scenarios. By leveraging realistic scenarios and virtual scenario environment videos, the training fosters skills in operational coordination, collaboration, and inter-agency communication. This material serves as both a standalone resource and a customizable framework for broader applications, ensuring adaptability to diverse operational contexts. It underscores COLLARIS' commitment to building a sustainable European network for integrating UAS technologies into disaster risk management, thereby bridging the gap between evolving technological capabilities and practical operational needs.

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Content

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About COLLARIS

Scientific advances as well as fast-evolving drone technology and its applications have today become indispensable in all phases of the disaster risk management cycle. COLLARIS is a capacity-building initiative to develop a sustainable European network of scientific, engineering, and end-user expertise related to unmanned aerial systems (UAS) in civil protection and disaster response. COLLARIS covers the following thematic focus areas:

- *Identification and sharing of operational procedures, lessons learnt, and best practices using UAS*
- *Elaboration of air traffic management challenges, solutions, and operational practices*
- *Acquisition of solutions for data analysis and data sharing, as well as auxiliary support systems (e.g., simulators)*
- *Development of methods for increasing end-user competences*
- *Foresight of new developments and future use case scenarios to identify tomorrow's needs and gaps, technological capabilities, and their potential applications*

The general concept of COLLARIS is based on two assumptions: That the technical capabilities related to UAS will continue to develop rapidly, as will the scope of their application for civil protection and crisis management purposes; and that the gap between these recently created technical capabilities and the practical needs and operational practices of civil protection not utilising them yet will remain a permanent challenge. Therefore, there is a clear need for establishing a stable long-term mechanism to continuously support the civil protection community in gradual implementing innovations enabled by UAS developments. The COLLARIS-based community will make an important contribution to achieve that.

COLLARIS will offer a networking platform as part of the Union Civil Protection Knowledge Network for information exchange and experimentation with advanced concepts of UAS for disaster response and crisis management. These activities are accompanied by thematic workshops, webinars, and moderated discussions as well as trials and embedded first responder trainings, aimed at increasing the efficiency of UAS operations by bringing knowledge closer to operational use.

Representatives of civil protection authorities at all levels, first responders, crisis management practitioners, and researchers interested in issues related to further development and operational use of UAS in their activities are cordially invited to join the COLLARIS Network initiatives.

Cited from D5.3.

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1. Introduction

In recent years, the use of unmanned aerial systems (UAS) in crisis management and disaster response has grown substantially, offering new capabilities for situational awareness, rapid assessment, and efficient resource deployment. However, as UAS become integral to emergency response, coordination, collaboration and communication between multiple agencies using these tools has emerged as a critical need, e.g., in addition to the collaboration on the ground, this also has to be effective in the air space. As for implementing any new tool and practices, building experience and competence require training and exercises.

This training material provides a structured tabletop exercise designed to address and improve multi-agency coordination for UAS deployment, particularly focusing on effective air traffic management (ATM), cross-agency communication, and operational safety. By participating in this exercise, responders, specifically commanders and UAS pilots, from different agencies can develop essential collaboration skills, test their understanding of UAS capabilities, and address potential gaps in coordination, ultimately leading to safer, more effective emergency response operations.

This table top exercise material can be used as it is or as inspiration for own further development, adjustment of exercise goals, elaboration on scenario etc. It is based on the experiences and findings in COLLARIS previous deliverables and the structure of the table top is inspired by the MELODY project training material[1], the PROSPERES project[2] and the guidebooks published by MSB[3].

Aim of this table-top exercise material

This table-top exercise material is designed to support the development of skills of incident response organizations in addressing challenges associated with the use of UAS/UAV in multi-agency operations, using a safe environment for collaborative learning in a crisis scenario. It focuses on improving coordination, collaboration, and communication among agencies involved in these responses.

The purpose of conducting this exercise can be:

- Systems exploration with the objective to identify and understand strengths, weaknesses and challenges related to multi-agency use of UAS, from different perspectives.
- Innovation, with the objective to find new solutions to co-ordination, collaboration and communication related to use of multiple UAS.
- Evaluation, with the objective to assess the co-ordination, collaboration and communication, a policy or procedure, related to the use of multiple UAS.

In addition, the purpose of this table top exercise deliverable is to present an additional exercise format, supplementing the live and virtual simulation exercises conducted and evaluated in the project.

[1] https://melody.sckcen.be/en
[2] https://prosperes.eu/
[3]https://www.msb.se/sv/publikationer/exercise-guidance--basic-manual--an-introduction-to-the-fundamentals-of-exercise-planning/

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2. Training format: Table top exercise

This table-top exercise is a facilitated discussion-based training activity where participants collaboratively work through a specific simulated emergency scenario involving challenges related to unmanned and manned aerial systems in use simultaneously by more than one actor. The exercise is preferably led by a facilitator who guides the participant group through the series of challenges, here referred to as Events. The goal is to facilitate the exploration on how the participants and their agencies would respond to and manage these challenges in the specific situation and additional generalized reflections. Discussions should be encouraged in particular on issues concerning emergency management, identification of problems and solutions, analysis of potential impacts, and coordination of resources, as well as the co-ordination, communication and collaboration related to the use of UAS/UAV.

Among and additional to the aim of the table-top exercise, it can also be used for more general aims e.g.:

- **Develop and refine crisis management routines** within different organizations or agencies.
- **Identify strengths and weaknesses** in existing crisis response plans.
- **Test already existing communication channels between different organizations involved in the emergency situation, improve them and if necessary, establish new ones.**
- **Prepare teams for larger, more complex exercises**, such as field exercises.
- **Analyze the impact of the use of several UAS.**
- **Explore alternative responses** and solutions to various problems that may arise in an emergency.
- **Test decision-making models** and evaluate the effectiveness of leadership and coordination within a crisis management system.
- **Clarify roles and responsibilities** among participants, helping to define accountability and lines of communication.
- **Propose a multi-operational procedure for the use of UAVs in all crises.**

3. Preparation, participant invitation and set up.

This exercise is designed to focus on the specific professional roles and organizational needs of fire and rescue service incident commanders, emergency medical services commanders and police commanders on operational level and the UAS pilots of each organization. However, the exercise can be used as a basis for involving other professional roles and organizations.

The table-top exercise is designed for the duration of approximately four hours. It can be conducted indoors in a meeting room or remotely in online meeting tools as a distributed exercise. The number of participants should be minimum one participant for each organization (fire service, police and emergency medical services), and the maximum number of participants for each organization may vary. Involving participants with the right competence, specifically related to the experience of utilizing UAS in incidents, is more important than a high number of participants.

The exercise has a predefined aim, focusing on the use of UAS in an operational context. The aim and goal can be adjusted by the user. The aim and learning goals should preferably be included in the invitation to the exercise, to allow and underline the expectation that the participants prepare in

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advance by reviewing relevant documents, plans, and protocols. While the exact nature of the scenario and Events may be kept confidential until the exercise begins, sharing general information about the pre-history and nature of the scenario on beforehand helps participants engage more effectively in the discussion.

The guiding questions can be customized and supplemented, and other evaluation criteria relevant to the user organization's specific context and country can be added.

4. Table top exercise outline

Overall structure

During the simulated scenario, which is presented in the Power Point file named *Table top exercise start*, the participants will face four challenges concerning co-ordination, collaboration and communication between the agencies related to the use of UAS. These challenges are referred to as Scenario parts, i.e., Scenario part 1 to 4. Figure 1 illustrates the scenario timeline and the part. Each scenario part is explained further in the dedicated section. For each scenario part the situation is described and the associated injects can be presented by the facilitator. Following each scenario description, the participants are encouraged to reflect on their own response, risks, challenges and need for collaboration etc. For support to this reflection, the individual reflection questions can be used. After the individual reflection, all participants from each organization are encouraged to discuss their organizational perspective within the group. Following this individual and organizational reflection, the facilitator invites each organization to present the organizational perspective on the events in the scenario part, the anticipation and the actions taken for co-ordination, collaboration and communication within the organization and with other organizations.

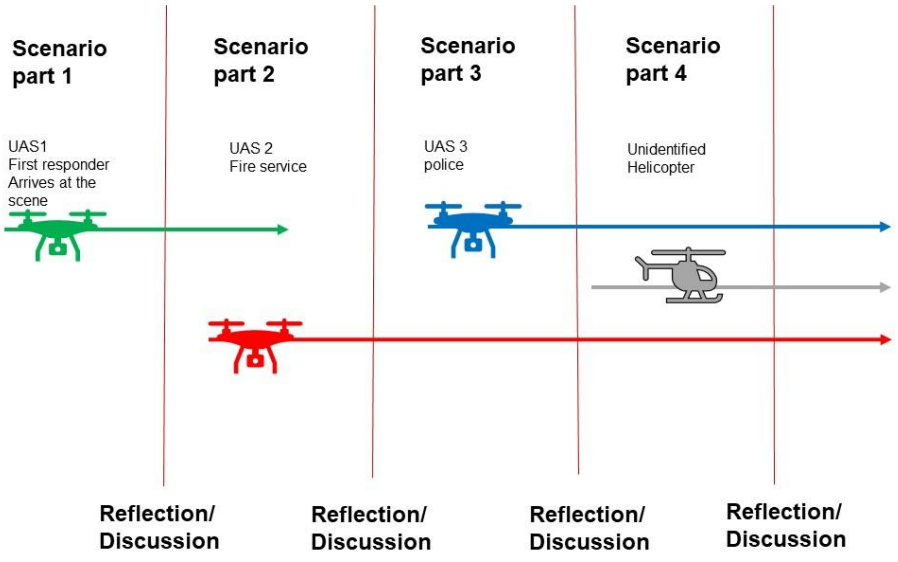

Figure 1. Illustration of the scenario timeline, Scenario part 1-4 and reflections/discussions.

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5. Table top exercise material

The following files are included in the exercise material:

D2.3 Training material - Word document

Table top exercise start - Power Point including the videos

Detailed Facilitator guide – Word file

Evaluation – Word file

Additional material – Power Point including extra scenario material, e.g., building blueprint

6. Exercise evaluation

Evaluation is a critical component of any training exercise, as it provides insights into the effectiveness of the exercise in achieving its objectives, identifies areas for improvement, and ensures that participants derive maximum value from the activity. For multi-agency tabletop exercises involving unmanned aerial systems (UAS), systematic evaluation helps assess coordination, communication, and collaboration across agencies, offering a structured way to refine emergency response protocols. It is strongly recommended to create the evaluation following the guidelines in CWA 18009:2023, https://www.cencenelec.eu/media/CEN-CENELEC/CWAs/RI/cwa18009_2023.pdf to enhance the evaluation process by providing a standardized framework for collecting and analyzing feedback, ensuring consistency and comparability across exercises. These guidelines support the identification of best practices, highlight critical gaps, and enable organizations to align their training efforts with international standards, fostering continuous improvement and operational readiness in complex, multi-agency crisis scenarios.

The *evaluation.doc* provides a suggestion for evaluation of the exercise and collecting feedback from participants.

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7. Annex 1 Detailed Facilitator's guide

TTX: Multi-agency emergency response using multiple UAS

Step	Action	Suggestions on what the facilitator can say or do:
1	Preparations before exercise	Read the *D2.3 training material.doc* for an overview of the background and purpose of this TTX material. Read this *detailed facilitator guide.doc.* Read the *table top exercise_start.ppt* and adjust it if needed (e.g., Scheduled time). Print the schedule to have it handy. Adjust and print (if needed) the pictures for the exercise found in *additional material.ppt.* Adjust and print (if needed) the *evaluation.doc.* Introduce support trainers (if available) to the material and allow them access to the material. Make sure that you as a facilitator and support trainers are familiar with the scenario pre-history, the scenario and watch the attached videos (in *table top exercise_start.ppt).* Adjust and add suitable information and injects to make the scenario yours, taking into account the list of participants who will be involved in the ttx.
2	Introduction to participants	Welcome all participants in the same room and use the provided *table top exercise_start.ppt*. Emphasise the aim of the exercise, to make sure the participants do not have a feeling of being tested. goal and how it influences the discussions. Split the group in to sub-groups, one for each organization and one or more for multiagency discussions. Explain the schedule of the exercise.
3	Start the exercise	Read the pre-history for the group.
4	Step through the *scenario script.doc* following the schedule	Scenario part 1 to 4 (approximately the same structure, see schedule in *table top exercise_start.ppt)*: Scenario script information (first without video) + video Individual reflection Organizational group discussion Multi-agency group discussion Emphasise the discussion on the decision on use of more than one UAS simultaneously, focusing on the coordination, collaboration and communication between organizations, commanders and pilots.
5	Summary and conclusions	All participants are in the same room. Facilitate discussion using suggested questions: • What is your reflection on the multi-agency interaction in this exercise? • For this, specifically related to the use of UAS? • If this (or similar) emergency happens tomorrow, would the cooperation related to UAS work flawless? How? Why and why not? What are the challenges? How can these be solved? • How would communication between UAS pilots and air traffic management work? • What needs to be improved? What are the challenges? How can this be solved?
6	Evaluation	Was the goal and aim achieved – open discussion. Make sure to invite all participants to talk.
7	End of exercise	Thank the participants for their engagement in the discussions and ask for feedback on the exercise

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8. Annex 2 Participant's Evaluation and feedback form after TTX

Please mark your answers with a "X" and explain your answer in the comment's field.

Exercise Objectives:

The exercise helped me understand the challenges of multi-agency coordination using UAS in emergency scenarios.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

Learning Outcomes:

I have gained new insights into improving coordination, collaboration, and communication between agencies.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

Scenario Realism:

The scenario was realistic and relevant for my operational context.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

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Multi-Agency Interaction:

The agencies collaborated well during the exercise.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

Explain what aspects worked well, and what challenges were encountered:

Communication Tools and Protocols:

The communication methods and tools used during the exercise were effective.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

Explain your suggestions for improvement:

UAS Deployment:

The role of UAS was clearly defined and the scenarios demonstrated their potential effectively.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

Decision-Making with UAS Data:

The UAS data influenced my decision-making process.

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Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

Explain, if identified, the limitations or gaps:

Exercise Structure:

The structure of the exercise (individual reflection, group discussion, multi-agency discussion) was effective in achieving the goals.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

The facilitator(s) guided the discussions and ensured engagement from all participants.

Strongly disagree	Disagree	Neutral	Agree	Strongly agree

Comments:

What improvements would you suggest for future exercises? Are there any specific areas (e.g., training, tools, scenario design) that require further development?

Thank you for your feedback!

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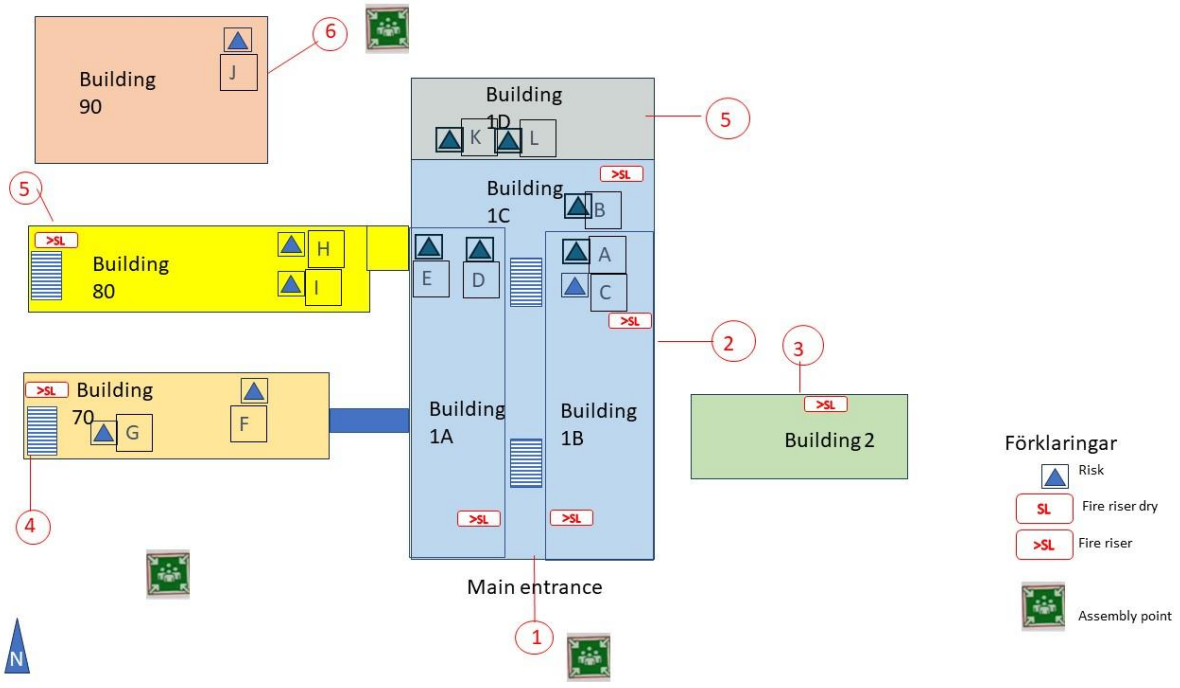
9. Annex 3 Additional materials for TTX

Additional material

Table top exercise

The facilitator/trainers may adjust and add information prior to the exercise



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RISKS

A Gas central (medical gases)
Level 1

B Oxygen tank Level1

C Gas storage Level 1

D Istotop lab Level 04

E

F

G XYLEN, Level 0

H

I UPS –rum Litium Jon, Level 06

J

K

L 70m3 Diesel for

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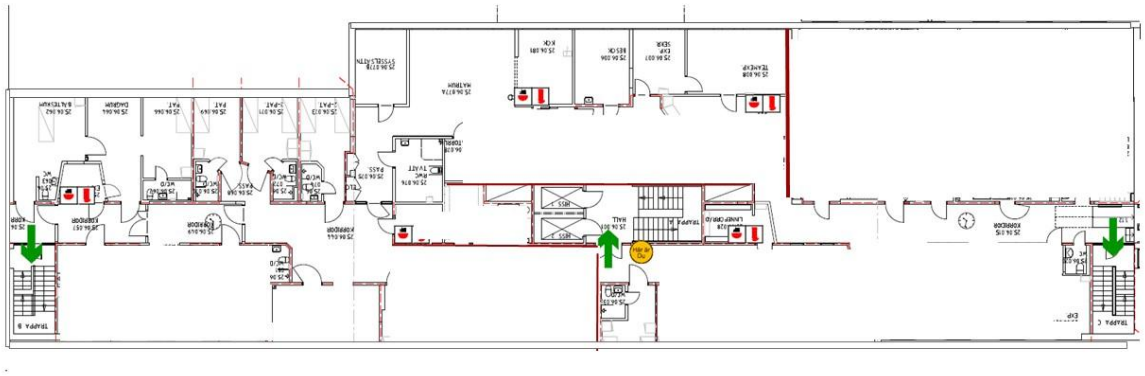
Information, Building 70

- Level 0 under ground
- Level 1 under ground
- Level 2 under ground
- Level 3 under ground
- Level 4 ground level (empty pharmacy on the left hand side)
- Level 5 fire affected
- Level 6 fire affected
- Level 7 Smoke affected
- Level 8 Smoke affected
- Level 9 Smoke
- Level 10 Smoke

Building 70 level 2



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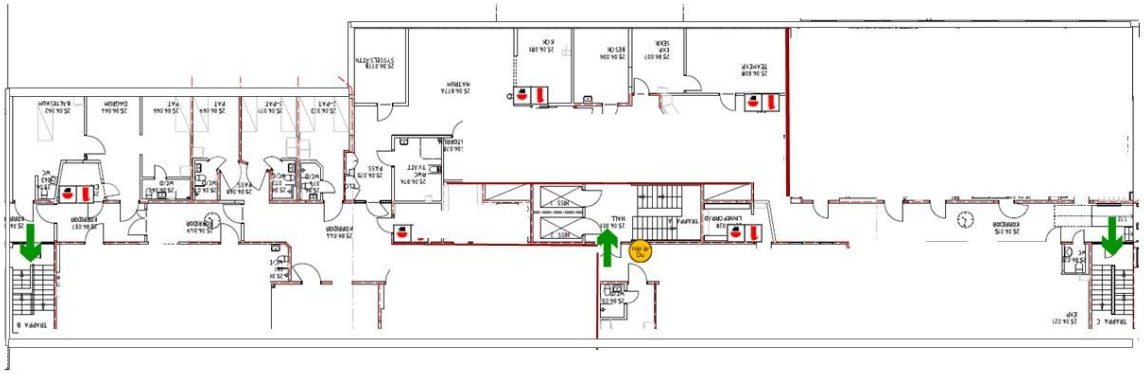
Building 70 level 3



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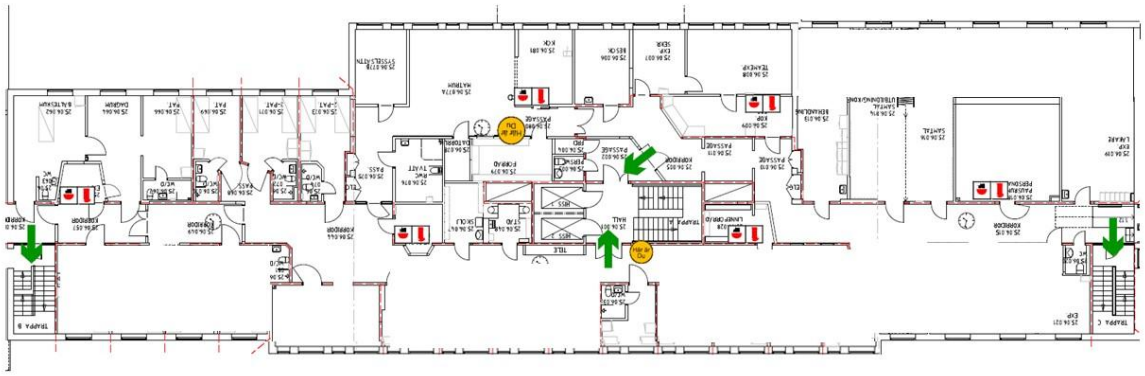
Building 70 level 4, ground floor



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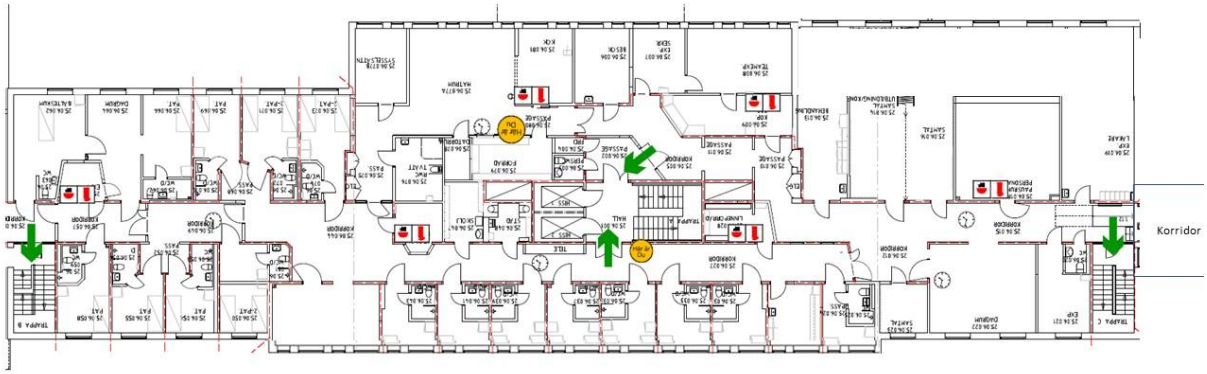
Building 70 level 5



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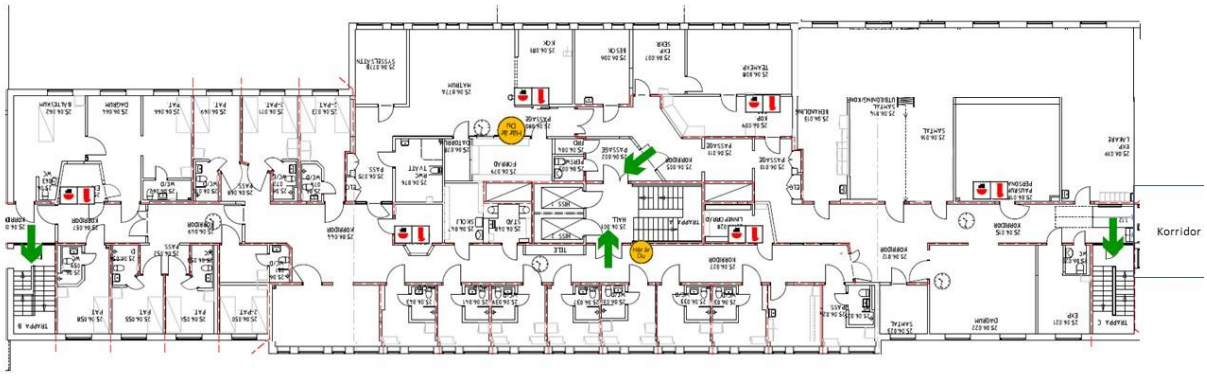
Building 70 plan 6



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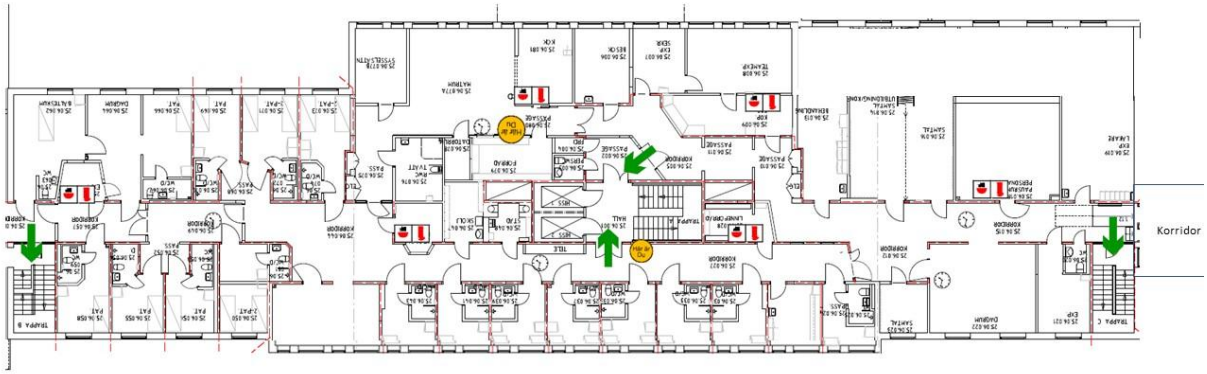

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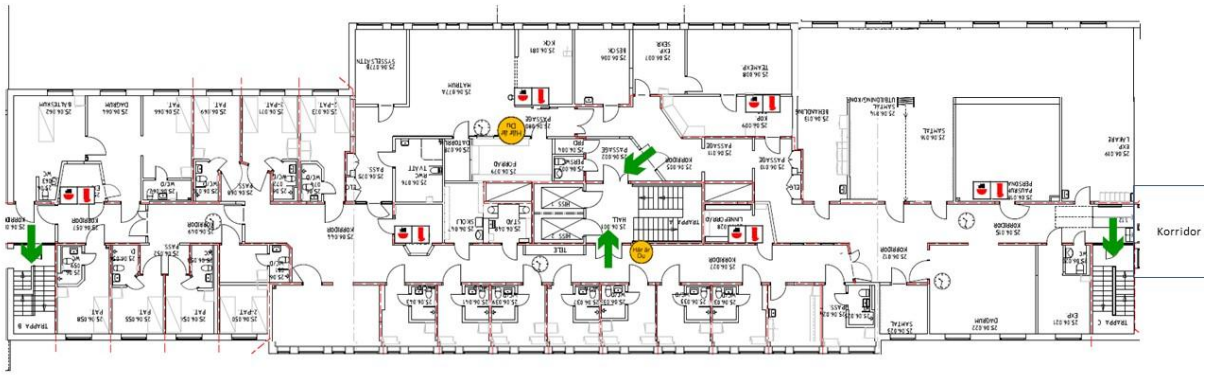
Building 70 level 8



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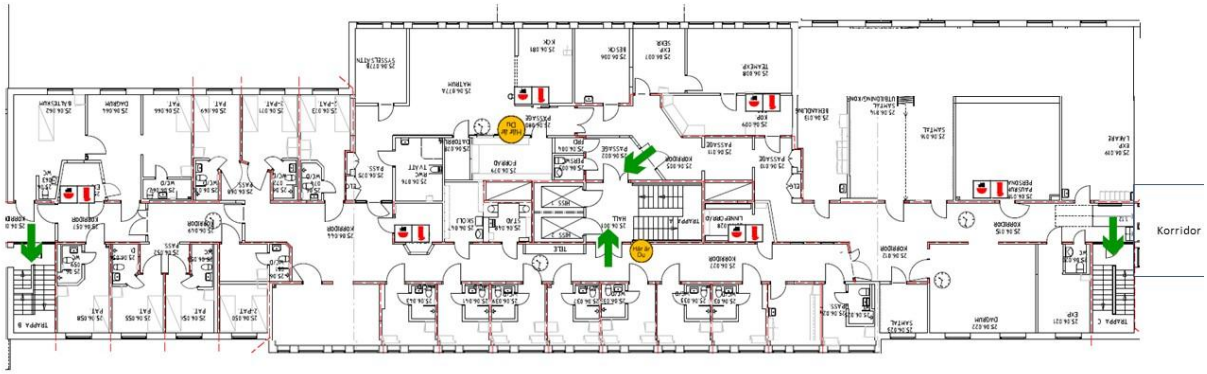
Building 70 level 9



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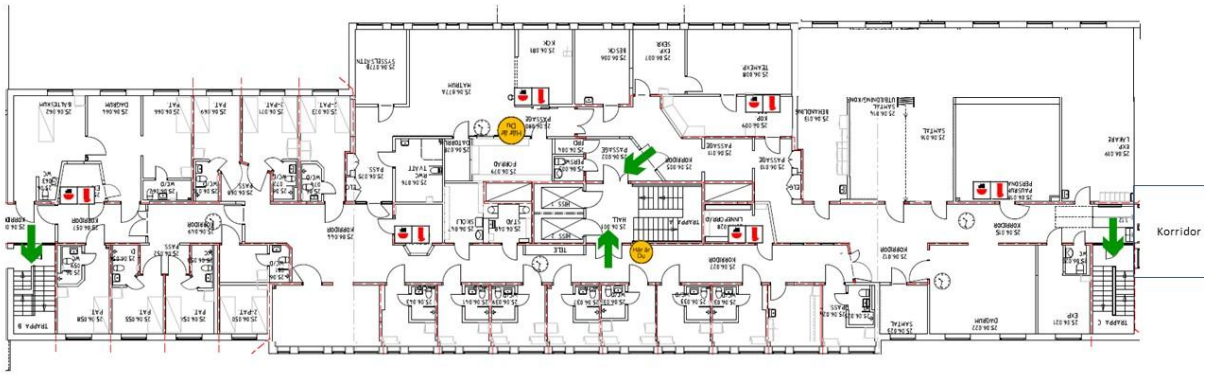
Building 70 level 10



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10. Annex 4 Presentation for TTX

Please note that slides no 13, 22, 29, 30 and 32 should be accompanied by a dedicated video.

The video files could not be included into the present document format. They are available upon request - please send an e-mail to collaris-network@cbk.waw.pl.

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COLLaborative network on unmanned AeRIal Systems

TABLETOP EXERCISE

Multi-agency Emergency Response
Using Multiple UAS

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Agenda

- Presentation of participants
- Aim and goal of the exercise
- Schedule
- Groups
- Pre-history
- Exercise
- Reflections and evaluation
- Concluding remarks

Schedule (approx. 08:30- 10:00)

Start of exercise

Pre-history

Scenario part 1 presented by the facilitator (5 minutes)

- Individual reflection (5 minutes)
- Group discussion (by organizations) (10 minutes)
- Multi-agency perspective discussion (10 minutes)

Scenario part 2 presented by the facilitator (10 minutes)

- Individual reflection (5 minutes)
- Group discussion (by organizations) (10 minutes)
- Multi-agency perspective discussion (10 minutes)

Schedule (approx. 10:30- 12:00)

Scenario part 3 presented by the facilitator (5 minutes)

- Individual reflection (5 minutes)
- Group discussion (by organizations) (10 minutes)
- Multi-agency perspective discussion (10 minutes)

Scenario part 4 presented by the facilitator (10 minutes)

- Individual reflection (5 minutes)
- Group discussion (by organizations) (10 minutes)
- Multi-agency perspective discussion (10 minutes)

Concluding discussion

Evaluation

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Split into groups

- Organizational groups
- Multi-agency groups (if more than one)

Pre-history and context (1/2)

It is May 2024. Many countries in Europe are facing a challenging security environment, characterized by a mix of external and internal threats. The geopolitical tensions stemming from the war in Ukraine, the rise of terrorism (both Islamist and far-right), cybersecurity vulnerabilities, and social fragmentation all contribute to a severe level of threat to the country. In addition, many countries are experiencing extreme weather, causing, e.g., floods, wildfires and landslides.

The location is the city of Nordköping, a bustling hub of 50,000 inhabitants. Positioned along the major highway E4, which bisects the city, Nordköping enjoys strategic connectivity, linking it to larger urban centers to the north and south. This well-maintained highway ensures the steady flow of goods and travelers, making Nordköping a vital regional link. The city's railway station, a modern facility situated near the city center, serves as a key transportation node. It provides frequent commuter and cargo connections, underscoring the city's importance in the national rail network.

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Pre-history and context (2/2)

Nordköping is home to a significant Volvo manufacturing plant, specializing in vehicle assembly and automotive parts. This factory is a major employer in the region, contributing significantly to the local economy. Additionally, the city hosts a vibrant industrial sector, including smaller enterprises focused on precision engineering and logistics.

The Nordköping General Hospital is the region's largest healthcare provider, equipped with a trauma center, an intensive care unit, and extensive outpatient services. Its proximity to the E4 makes it accessible for regional emergencies.

With a well-developed infrastructure, a strong industrial base, and modern healthcare facilities, Nordköping is a dynamic city. However, its strategic position and industrial assets make it a focal point for emergency planning and preparedness.

Scenario part 1

It is the 12th of May, at 13:00. The automatic fire alarm detects smoke in the hospital's old building. This building is under reconstruction.

Dispatch centre alerts the fire and rescue service, police and ambulance.
Two persons call the emergency number and report smoke from the building, a collapsed scaffolding and two injured persons on the ground outside the building. Dispatch centre alerts the emergency services, police and ambulance, and dispatches the first responder UAS that arrives first to the scene, 5 minutes before others.

Dispatch: *Fire in a building, the hospital*. (add relevant information to this text)

The new remotely operated first responder UAS, operated by the medical services dispatch centre, is dispatched. The first responder UAS arrives first at the scene, 5 minutes before other services.

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Scenario part 1, cont.

The first report is expressed via radio, by the first responder dispatcher:

First responder UAS has arrived at incident site. There is smoke from the building, the address is correct. Suspected Major Incident, flames and smoke from the building, a scaffolding seems to have collapsed. Risk of the fire and smoke spreading in the building. Access to building partly blocked due to the collapsed scaffolding. Several persons injured on the ground.

Individual reflection (1a)

What is your assessment of the situation after receiving the information from the first-responder UAS?

Write your first assessment on paper.

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Video from first responder UAS>>

In order to get the video file please send an e-mail to collaris-network@cbk.waw.pl.

Individual reflection (1b)

After watching the video, has your interpretation and assessment of the situation changed? What are the differences from your first assessment?

What additional essential information did you collect from watching the video?

What response do you plan?

At this time, will you plan to use one or multiple UAS?
If so, what would be the primary tasks/mission of your UAS?

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Group discussion

Discuss the individual responses to the guiding questions.
What answers are common and what does not conform?
Find a consensus on the response from your organization.

Multi-agency perspective discussion

Present each organization's response to the group discussion questions:

- How do the different perspectives affect the multi-agency response at this stage?
- What challenges are identified at this stage?
- What are the primary needs to be addressed and how?

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Scenario part 2

The fire spreads to several floors via the façade of the old building. The stairwells are filled with smoke. People run out of the building and the injured lie on the ground near the building. There is information that people have taken refuge on the roof of the burning building. The extent of the fire-spread and the cause of the fire is unknown.

Scenario part 2, cont.

The fire service makes the decision to deploy one UAS.

The task for the UAS is to gather information and assess the spread of the fire.

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Individual reflection (2)

At this stage, how do you assess the situation and how do you plan your response?

Questions for Fire and Rescue Service:

- How do you coordinate the use of the fire service UAS with the first-responder UAS?
- Who, how and what to you communicate with the first-responder UAS pilot/organization?

Group discussion

Discuss the individual responses to the guiding questions. What is common and what does not conform?

Find a consensus on the response from your organization.

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Multi-agency perspective discussion

Present each organization's response related to the guiding questions.

How do the different perspectives affect the multi-agency response at this stage?

What challenges are identified at this stage?

What are the primary needs to be addressed and how?

Fire service UAS video 1>>

In order to get the video file please send an e-mail to collaris-network@cbk.waw.pl.

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Scenario part 3

The first responder UAS has not left the scene.

Information from hospital staff: Approximately six masked and armed persons entered the building and started fire on several places, using IEDs. These masked persons have been yelling and asking where Zero is and staff has answered that he was moved earlier to another unit in the north building. The masked and armed persons have moved towards the north building, planting explosives to delay pursuers.

Scenario part 3, cont.

The police makes the decision to deploy one UAS.

The task for the police UAS is to gather information and assess the situation at the north building, while re-organizing towards the north building.

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Individual reflection (3)

How do you assess the situation right now and how do you plan your response?

For fire and rescue service: How do you co-ordinate the use of the fire service UAS with the police UAS?

For police: How do you co-ordinate the use of the police UAS with the fire service UAS?

Group discussion

Discuss the individual responses to the guiding questions. What is common and what does not conform?

Find a consensus on the response from your organization.

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Multi-agency perspective discussion

Present each organization's response related to the guiding questions.

How do the different perspectives affect the multi-agency response at this stage?

What challenges are identified at this stage?

What are the primary needs to be addressed and how?

Scenario part 4

Information from hospital staff at the north building:

Six masked, armed and violent persons entered the care unit on the top floor, searched through all rooms until they found Zero. The guards outside his room are shot. Explosives have caused chaos, panic and smoke, but no fire can be detected and no other people than the guards are injured.

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Fire service UAS video 2>>

In order to get the video file please send an e-mail to collaris-network@cbk.waw.pl.

Police UAS video 1 >>

In order to get the video file please send an e-mail to collaris-network@cbk.waw.pl.

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Scenario part 4, cont.

The masked persons and Zero have left the floor, moving towards the new building (west).

Information from the police UAS pilot: An unidentified helicopter is approaching from north-east.

Police UAS video 2 >>

In order to get the video file please send an e-mail to collaris-network@cbk.waw.pl.

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Individual reflection (4)

How do you assess the situation right now and how do you plan your response?

<u>For fire and rescue service and police:</u>
How do you respond to the approaching helicopter?
How do you co-ordinate the use of your UAS with the other and how does the approaching helicopter affect the response?

Group discussion

Discuss the individual responses to the guiding questions. What is common and what does not conform?

Find a consensus on the response from your organization.

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Multi-agency perspective discussion

Present each organization's response related to the guiding questions.

How do the different perspectives affect the multi-agency response at this stage?

What challenges are identified at this stage?

What are the primary needs to be addressed and how?

The END

All terrorists and their leader Zero leave the hospital in the helicopter.

The fires can be handled quickly, and no further persons are injured.

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Concluding discussions

Explanation of the situation – after exercise (1/2)

A radical extremist group, known as the **Zero Brigade,** has established and started operating in the region. Three weeks ago, the high-profile leader of the brigade (called Zero) was severely wounded in a gunfight between his group and local law enforcement during a planned attack on a local government facility. His condition was critical, and it was decided that he would be treated in the local hospital's trauma unit, given the proximity of the hospital and the need for immediate life-saving surgery. After a successful surgery, Zero is treated at a specialize unit but the exact location is kept confidential, and a very limited number of staff is informed about the background of this patient. As the terrorist leader receives medical treatment and is recovering, a well-coordinated plan is being set in motion by the brigade to extract him from the hospital and eliminate any threats posed by law enforcement, security personnel, or hospital staff.

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Explanation of the situation – after exercise (2/2)

Six members of the group have mobilized a cell of operatives stationed within the city, strategically positioned to carry out an extraction operation. Using a combination of insider knowledge and a carefully staged diversion, the group plans to storm the hospital, and to free Zero by leaving with a helicopter from the hospital roof. Any resistance should be neutralized. The attack will involve a combination of armed assaults on key hospital departments, if necessary, hostages would be used to control access points, and the use of improvised explosive devices (IEDs) to create chaos and slow down response efforts.

The hospital has a solid reputation for treating high-risk patients, including those with severe injuries, but it has never before been the target of direct violence or attack.
The primary goal of the terrorist group is to free Zero from the hospital before he can be transferred to law enforcement custody. The secondary goal is to disrupt and overwhelm hospital operations, create chaos, and strike fear among the public by making a dramatic statement.

Evaluation

GOAL of this exercise: By participating in this exercise, responders, specifically commanders and UAS pilots, from different agencies will develop an understanding of, skills for and address potential gaps in coordination, collaboration and communication related UAS capabilities in multi-agency response.

→ **Did you?**

AIM: To increase the understanding of challenges related to multi-agency response involving multiple UAS and thereby ultimately leading to safer, more effective emergency response operations.

→ **Was the aim achieved?**

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THANK YOU FOR PARTICIPATING!

Stay in touch

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