RESISTANT
Crisis Training Platform

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Training and Knowledge Sharing Platform for First Responders and Educational Tools for students' and citizens' awareness and preparedness against Natural and Manmade Disasters and Risks

NEWSLETTER n°2 | June 2021

This newsletter keeps you updated on the latest activities of the **RESISTANT** project and informs you on news and activities related to **RESISTANT** operations. On behalf of the consortium, we hope you enjoy reading this issue.

The RESISTANT USE CASES

The project Consortium will evaluate the overall approach of RESISTANT with the help of a series of tests that will be based on real life scenarios and case studies and that will be implemented in 4 pilot use cases (UC) aimed at education and training for emergency preparation and disaster response:

- UC1: Educational and Training Seminars for students and citizens of endangered areas
- UC2: Emergency Management Frameworks (Cross-border Use Case)
- UC3: Full-Scale Exercise - Flood case caused by torrent
- UC4: Tabletop training exercise - Earthquake response during the COVID-19 pandemic

UC1: Educational and Training Seminars for students and citizens of endangered areas

General Description

The aim of UC1: To educate civilians of different ages and to raise their awareness and preparedness against Natural Disasters and Technological Risks
Partner leading the UC1: International Hellenic University (IHU), Greece
Locations: areas along the border line between Greece and North Macedonia

Pilot case study 1: Training of children and adolescents

Target audience: Pupils of primary schools and secondary schools of North Macedonia and Greece,

Overview of the training program:

1. The training program targeting pupils of primary schools aged 6 to 11 will use the Virtual School methodology to train them not only how to protect the environment, but also how to protect themselves and their families from natural disasters and

technological hazards. Expected number of training courses for primary schools' pupils of North Macedonia and Greece.

2. The training for children and adolescents aged 12 to 18 years will be complemented by innovative educational material (both text and multimedia) related to the labelling and risk management from natural or technological disasters. These training activities will focus not only on the prevention or the initial actions to be taken after an event, but also on how to proceed.

Learning Objectives:
By the end of this course, participants will be able to know which are the different types of disasters.

Pilot case study 2: Training-the-Trainers informative and educative seminars

Target audience: Educators from primary and secondary schools, Civil Protection Authorities staff and Municipal employees from Skopje and Thessaloniki

The objectives of the Training-the-Trainers seminars:

1. To ensure that participants have the capacity and confidence to replicate and adapt the methodology proposed by RESISTANT for training of children and adults in different areas of civil protection, being flexible and changing the training in response to participants and circumstances.
2. To provide curricular guidelines and instructions on how to use the teaching aids contained on the RESISTANT training platform.
3. To provide training guidelines for the trainers of civilians involved in the emergency response

Learning Objectives:
By the end of this course, participants will be able to:

- Know which are the different types of participants in an action;
- Identify which are the key information to be provided to the pupils;
- Know how to write a lesson plan.

Pilot case study 3: Training of adults

Target audience: residents, tourists and visitors of the areas along the border line between Greece and North Macedonia

Overview of the training programme for adults:
The training program targeting adults will include seminars which will be open to the public. These seminars will inform citizens about practices and methods of protecting their lives and property from forest fires, urban fires, floods, earthquakes, tsunamis, and technological incidents.

Learning Objectives:

By the end of this course, participants will be able to:

- Understand about practices and methods of protecting their lives and property from disasters
- To use techniques of escaping and setting free other people
- To provide first aid.

UC2: Emergency Management Frameworks (Cross-border Use Case)

The pilot use case will be based on a specific scenario named: **Emergency Management Frameworks (EMFs)** and will consist of an operational training within a cross-border Use Case between Greece and North Macedonia aimed at common EMFs preparation and implementation.

The aim of UC2:
Creating innovative Emergency Management Frameworks between Northern part of Greece and southern part of North Macedonia. The Frameworks' design aims to strengthen collaboration with all the parties (authorities, volunteers etc).

Partner leading the UC2: EPAYPS

Other partner(s) involved:
Evia Rescue team (S.A.R. 312), Rescue Team Delta (RTD), IHU, MAGMA

Location(s) of the UC2:
Skopje region of North Macedonia (South-eastern district, Vardar district and Pelagonia district).

Target audience:
firefighters, police officers, ambulance personnel, government employees, military personnel, and private industry emergency responders from North Macedonia and members of RESISTANT Consortium (EPAYPS, IHU, SAR3.1.2 and RTD).

Use case scenario:
The pilot use case will be based on a specific scenario named: "**Emergency Management Frameworks (EMFs)"** and will consist of a six-day discussion exercise (TTX) focus on three Hazards (Technological Accident, Forest Fire and Flood) in a cross-border area aimed at common EMFs preparation and implementation.

Aim/Objectives:
Reflecting the ever-changing emergency management environment and risk landscape, this scenario will be aimed at creating innovative Emergency Management Frameworks in the Southern part of North Macedonia (South eastern district, Vardar district and Pelagonia district). Recognizing that Emergency management is a shared responsibility across all sectors of society, the Emergency Management Frameworks for the above-mentioned areas will aim to guide and strengthen the way local governments and partners assess risks and work together to prevent/mitigate, prepare for, respond to, and recover from the threats and hazards that pose the greatest risk to citizens of the region. In addition, given that each local government has a responsibility for emergency management and public safety in North Macedonia, the Frameworks' design aims to strengthen collaboration with all the parties (authorities, volunteers etc).

UC3: Full-Scale Exercise - Flood case caused by torrent

Partner leading the UC3: Military Academy "General Mihailo Apostolski" (MAGMA)
Location of the UC3: Skopje, North Macedonia

Target audience:

- representatives from stakeholders in Crisis Management System from North Macedonia (firefighters, police officers, ambulance personnel, government employees, military personnel, and private industry emergency responders)
- trainers of first responders from Directorate for Protection and Rescue from North Macedonia
- Training of trainers from Directorate for Protection and Rescue and other stakeholders in Crisis Management System from North Macedonia

Use case scenario:
The pilot use case will be based on a specific scenario named: "**Flood case caused by torrent"**, which will consist of a series of educational training courses (Training of Trainers, Training of first responders, two planning conferences) and a Full-Scale Exercise.

Aim/Objectives:

- To identify limitations and safely and effectively use appropriate water rescue equipment, whilst operating near or in moving water appropriate to the limits of a non-buoyant rescuer

- Demonstrate water rescue scene management and dynamic assessment of risk
- Identify and apply the role of the First Responder within the incident management structure
- Identify and use appropriate Personal protection equipment (PPE)
- Identify and understand flood hazard mitigation measures

UC4: Tabletop training exercise - Earthquake response during the COVID-19 pandemic

Partner leading the UC4: Croatian Crisis Management Association (CCMA)
Location(s) of the UC4: Rijeka region

Target audience: Fire fighter service, Red Cross and specialists in civil protection from Croatia

Use case scenario:
The pilot use case will be based on a specific scenario named “Tactical support in large scale events”, which will consist of educational training classes (lectures and exercises) and tabletop exercises.

Aim/Objectives:

- Inform the participants about the benefits of using modern geospatial and information system in large scale events
- Increased situational awareness by integration of available information from different sources
- Enhance real time capabilities and information interoperability
- Increased efficiency of operations by rational and cost-effective resource deployment and joint emergency services interoperability
- Evaluation of existing operational procedures and development of further recommendations

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RESISTANT project news

Participation of Assoc. Professor Nikolaos K. Kokkinos in the 16th CSDP (Common Security and Defense Policy of the European Union)

On June 7 2021, Mr. Nikolaos K. Kokkinos, Associated Professor of the Department of Chemistry at the International Hellenic University, and researcher in the RESISTANT project, participated in the 16th CSDP (Common European Security and Defense Policy of the Union).

Prof. Kokkinos presented the impact of natural, man-made and climate disasters / crisis on the security of the European Union.

Presentation Title: “IMPACT OF NATURAL, MAN-MADE AND CLIMATE DRIVEN DISASTERS / CRISIS ON EU SECURITY”, N. Kokkinos and D. Emmanouloudis.

The Virtual Control Room of International Hellenic University and its involvement in the RESISTANT Project on TV

Assoc. Professor Nikolaos Kokkinos (Deputy Coordinator of RESISTANT) demonstrated the Virtual Control Room (VCR) facility and its involvement in the RESISTANT Project at #AxonesAnaptiksis TV show of the ERT3 public television broadcaster for Greece on April 10. The role of VCR in the development of the first European crisis training platform has been further described.

Presenting RESISTANT in the Ministry of National Defence of Greece

The RESISTANT Project Coordinator Prof. D. Emmanouloudis and the Deputy Coordinator Assoc. Prof. N. Kokkinos presented the contribution of the RESISTANT in the field of peoples' awareness and preparedness against natural and manmade disasters at the Special Seminar organised by the General Directorate of National Defence Policy and International Relations, Ministry of National Defence, Hellenic Republic (https://geetha.mil.gr/chairetismos-archigoy-geetha-sto-seminario-efarmosmeni-kai-olistiki-diacheirisi-yvridikon-apeilon-kai-kriseon-toy-ypetha-stin-scholi-ikaron/) on April 15.

Representation of RESISTANT in the Knowledge Network Platform User Requirements Workshop organized by DG ECHO

The Deputy Coordinator of RESISTANT Assoc. Prof. N. Kokkinos participated in the KN Platform User Requirements Workshop organized by DG ECHO on May 18. Dr Kokkinos presented the aim of the RESISTANT Project and proposed the development of a knowledge assessment and ranking system of the platform posts by experts and Project Coordinators. The Knowledge Network online platform aims to be the hub for all Knowledge Network community of UCP Projects in order to come together, collaborate and share knowledge. The platform will provide partners with many features that will be of support to them in the implementation and knowledge sharing around the project activities, as well as being a showcase for their results. The features of the UCP Knowledge Network online platform focus on collaboration, communication and information of the members.

AGORA, a virtual place for civil protection stakeholders to share knowledge and exchange best practices

The AGORA, which will underpin knowledge sharing towards best practice and avoidance of error repetition, is an online community on the RESISTANT project website (http://www.resistantproject.eu/agora/) supported by a forum with the following discussion categories:

- Training: the forum users could discuss about issues related to the training of the first responders such as: training gaps analysis; training curricula and approach; disaster management training for volunteers; cross-border and multinational training activities; experiences from table-top and real-life training exercises etc.
- Equipment: the forum users could discuss about the needs of first responders related to the personal protective equipment and how it can be improved to limit casualties and damage to society.
- Technology: the forum users could discuss about technologies needed for first responders' safety, efficiency and effectiveness and existing new technologies for first responders; technologies used in all four phases of disaster management preparedness, mitigation, response and recovery.

The forum discussions are not visible to the visitors of the RESISTANT project website and only registered members can see them. So far, the members of RESISTANT Consortium sent invitation to 57 collaborators to register as members on AGORA community:

If you want to join the AGORA community, please write us at info@resistantproject.eu.

RESISTANT dissemination tool and channels

Beside Facebook, LinkedIn, YouTube and Twitter accounts of the project set up at the start of the project, project accounts on Issuu and SlideShare digital publishing platforms were created in May in order to enhance the project's visibility by distributing project information such as public deliverables and promotional materials. Moreover, the RESISTANT Leaflet

was created and made available on the project website here

Events

RESISTANT Consortium has found some events you may find interesting!

Connect 2021 – Online Event
1-30 June 2021
https://www.firex.co.uk/en/home.html

NCT CBRNe Europe 2021
5-7 October 2021,
Rieti, Italy
https://nct-events.com/event/nct-cbrne-europe-2021

EENA Conference
6-8 October 2021
Riga, Latvia

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RESISTANT project

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