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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°4 | December 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 technical objectives

RESISTANT technical objectives can be derived from the work packages and vision statement WP2 analyze European and national research projects regarding their technical innovations, their tactical and operational recommendations and their potential to develop new guidelines and operational procedures within the field of emergency and crisis management.

The technical objectives of WP2 are.

- To analyze European and national research projects regarding their technical innovations, their tactical and operational recommendations and their potential to develop new guidelines and operational procedures within the field of emergency and crisis management

disaster.

- Based on this investigation to select the top 10 key indicators.
- By investigating reports on various incidents in the partnering countries to develop a vision on what the differences and overlap in experiences.
- To setup the educational and training infrastructure mobilizing the existing emergency management infrastructure of IHU enriched with KTGR's CONCORDE

WP3 defines the implementation framework for the training use cases and the evaluation procedures for the use cases to assess the impact of the project to its target communities. For this Work Package, a following high-level list of technical objectives can be derived:

- To define the use case scenarios to pilot and evaluate RESISTANT.
- To setup the pilot environment considering all the special requirements / needs of the end users and stakeholders based on the infrastructure of IHU and the technology of KTGR (CONCORDE emergency management platform).
- To fully operate and test the RESISTANT solution on specific piloting experiments.
- To validate the RESISTANT from a usability and end-user point of view.
- To make the capabilities of the RESISTANT educational and training infrastructure available to policy stakeholders willing to use RESISTANT methodology.

Technical and Scientific Research impacts

RESISTANT will have a big impact on the industry. As first responders find it difficult to articulate their needs, it is difficult for industry to develop new technology and products that will fit the needs of the first responders. As **RESISTANT** will have a solid gap analysis, it will be able to give the industry good guidance of what they are looking for.

The consortium will have more generic demand, which is more attractive to the industry as the market potential is bigger. **RESISTANT** is first responder driven. This will avoid an early dominance of certain companies or research institutes during the project. **RESISTANT** cooperate with relevant industry or research

industry, research centers and universities.

RESISTANT will actively interact with international organizations to initiate other first responder projects to help implementing ideas or technologies. Pre commercial procurement projects could be a good example of such a project. This will help bring technical and scientific research to the market. Market practitioners are already among the members of the 'Network' established and managed by IHU. The 'Network' will have a consultative role in RESISTANT.

RESISTANT project news

Virtual School Training in Piraeus & Aliveri!!!

As a part of the RESISTANT project an educational course for the preparation of students for their protection from Natural disasters and dangers, in case they are at the time of the event in their school building, was held by the International University of Greece (IHU), on November 24 at the 2nd Primary School N Faliro (Piraeus) and on November 25 at the Primary School and the 2nd High School of Aliveri (Evia). The students aged 11-15, attended the course, which is based on the Virtual School, an innovative educational system - educational process, developed by the International University of Greece with the following objectives:

The recognition of good practices for dealing with natural disasters and dangers and then the personalization of ways of action - escape - release of students from the school building, with the maximum possible safety.

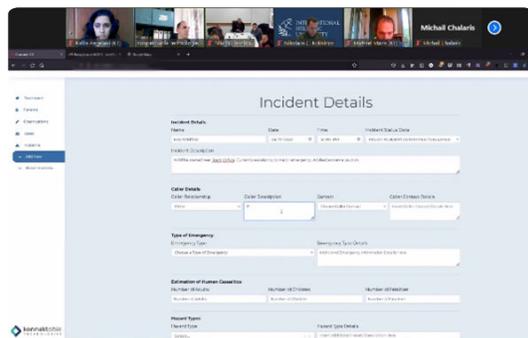
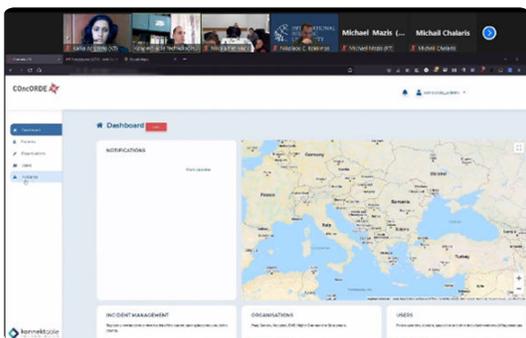
According to this innovative educational tool, each group of students creates a model of their school. Then, with the help of the ARTutor application (awarded by UNESCO), which is a key tool of VIRTUAL SCHOOL and appropriate supervisory cards, students are trained using Augmented Reality technology to recognize and memorize safe case-by-case concentration options and exit - escape from the school unit, depending on the layout of their school space but also the type of physical danger that threatens them (eg floods, forest fires, earthquakes).



Photos from the school training

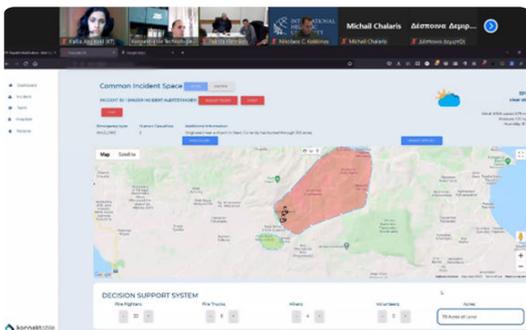
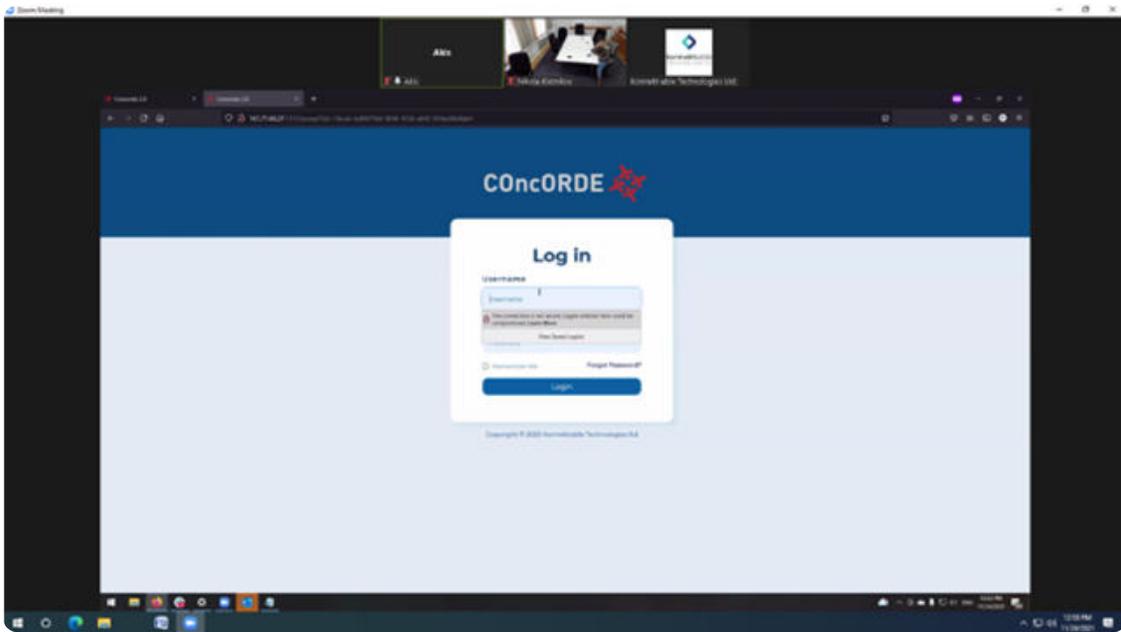
Training Activity-CONCORDE Presentation

Within the RESISTANT project and in the context of the WP3 objectives, a training meeting for the CONCORDE emergency platform was held on Wednesday 24.11.2021. Mr. Ioannis Karalis from Konnektable presented the use of the CONCORDE emergency management platform for incident management. The purpose of the meeting was to train the participants on the use of the emergency platform.



Initial planning conference for preparation of Full Scale Exercise (FSE)

case 3 activities, on Wednesday 24.11.2021 MAGMA organized Initial planning conference for preparation of Full-Scale Exercise (FSE). The aim of the initial planning conference was development draft scenario, define multi-disciplinary exercise planning team, agree the objectives for each area to be exercised, sketch out the main events of the exercise and associated timetables, determine the outside agencies to be involved, such as the media or voluntary agencies and list the facilities required for the exercise and confirm their availability. During this conference, the participants were trained by KTGR how to use COncORDE emergency management platform for incident management during the full-scale exercise.





Preparation of Tabletop Exercise (TTX)

As a part of the RESISTANT project and in the context of the WP3 objectives and Use case 3 activities, CCMA organised a planning meeting with Rijeka firefighters where TTX scenario events were determined with associated inputs for participants and initial idea how to test COncORDE platform during the exercise regarding the Civil Protection operational procedures and situational awareness capabilities as an added value to an existing solutions.



Prof. Michail Chalaris, a consortium member and team leader of WPs of RESISTANT, presented “Lessons Learnt from recent mega-disasters in Europe” revealing the role of RESISTANT as a European Crisis Training Platform at the International Conference on Integrative Disaster Risk Reduction Management that took part 10 – 11 November 2021 via Zoom and Facebook Live with the theme, “Heal the World, Make it a Better, Safer Place”.

The conference was hosted by the Eastern Samar State University and brought together government officials, academicians, non-government personnel, environmentalists, and other stakeholders on dealing with the pernicious effects of climate change.



Events

RESISTANT Consortium has found some events you may find interesting!

Connect 2022 – Online Event

6th International Conference on Climate Change

17th – 18th February 2022

[More info](#)

International Conference on Planning and Challenges of Disaster Management

Hybrid Event, 11,12 & 13 February 2022

The International Hellenic University is set to host the International Conference on Planning and Challenges of Disaster Management on 11 – 13 February 2022 via Zoom, Facebook Live and physical participation on the hall "SERAFIO DIMOU ATHINAION", Athens, Greece.

Invitation to contribute a paper to SAFETY (CiteScore: 2.2) Special Issue "Management of Manmade Disasters"

The open-access journal Safety (ISSN 2313-576X) is pleased to announce that we have launched a new Special Issue entitled "Management of Manmade Disasters". Prof. Chalaris serving as Guest Editor for this Special Issue. For more information on the issue.

[More info](#)

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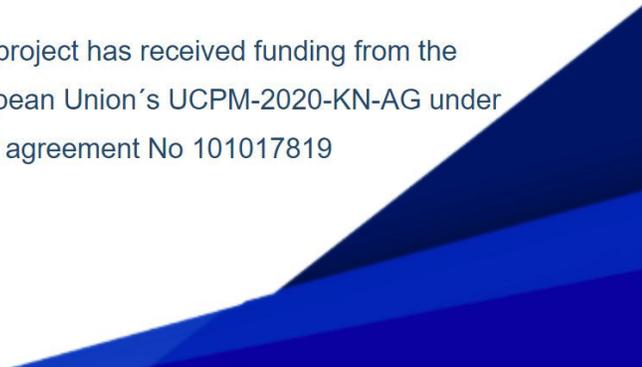
RESISTANT Consortium welcomes comments and contributions by email at: info@resistantproject.eu or online at: <http://www.resistantproject.eu/contact/>

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