


MECO2023 Project dissemination Info

Project Name	Next-generation equipment tools and mission-critical strategies for First Responders (RESPOND-A)
Logo	
Web page	https://respond-a-project.eu/
Contact	Dr. Nexhat Kapidani Administration for Maritime Safety and Port Management of Montenegro nexhat.kapidani@pomorstvo.me
Donor	European Commission, Horizon 2020 Programme
Active Period	June 2020-May 2023
Consortia members	European University Cyprus (Project Coordinator) Administration for Maritime Safety and Port Management of Montenegro (AMSPM) (Consortium partner - End-User) + 32 other partners from academia, technology and first responding organisations, including: Large enterprise, SMEs, Academia, RTOs and End users
Short Description	RESPOND-A project aims at developing holistic and easy-to-use solutions for First Responders by bringing together the complementary strengths of: <ul style="list-style-type: none"> - 5G wireless communications, - Augmented and Virtual Reality, - autonomous robots - UAV coordination, - intelligent wearable sensors - AR/VR data analysis, - passive and active localisation and tracking, - First Responders Command & Control Centres development - Exercising/training First Responders - demonstrating disaster scenarios.
Main Results	Key results that are expected to be provided for the period of project implementation: <ul style="list-style-type: none"> • RESPOND-A Platform Systems Specifications, Design, Architecture and joint components ready to cover user requirements and operational needs in critical and emergency missions • Developed wearable sensors and gear for First Responders • Deployment of triage system and IT platform for emergency care chain together with Radio and toxic sensors as well as forensics • Design choices and initial integration activities for UAV and UGV enabled use cases together with development of algorithms, tools and mechanisms for UAV and UGV mission critical operations

	<ul style="list-style-type: none"> • Development of Augmented Reality (AR) framework • Deployment of RESPOND-A mission-critical services over 5G • Design of platform for Multimodal data support and fusion • Versatile Command and Control applications development for usage in emergency cases, that enable Common Operational Picture and tools for enhanced Situational Awareness in the Command Centres
<p>Interested in further cooperation</p>	<p>Cooperation with both, scientific and industrial partners aimed on further development and practical use and testing of created innovative enhanced solutions for First Responders dedicated to maritime safety purposes.</p>
<p>Multimedia content, short film or slide show The links</p>	<p>All project results will be available at: https://respond-a-project.eu/</p>