

C2IMPRESS: Co-Creative Improved Understanding and Awareness of Multi-Hazard Risks for Disaster Resilient Society

A €5.09 MILLION Grant for C2IMPRESS: Co-Creative Improved Understanding and Awareness of Multi-Hazard Risks for Disaster Resilient Society THE C2IMPRESS PROJECT IS CO-FUNDED BY EUROPEAN COMMISSION AND UKRI.



Manchester, United Kingdom Jan 13, 2023 ([Issuewire.com](https://www.issuewire.com)) - 16 INTERNATIONAL PARTNERS ARE INVOLVED IN THE C2IMPRESS CONSORTIUM.

ON 24-25TH OCTOBER, A MEETING IN ISTANBUL (TURKEY) KICKED OFF THE PROJECT.

European Commission has granted the 3-year project Co-creative Improved Understanding and Awareness of Multi-Hazard Risks for Disaster Resilient Society (**C2IMPRESS**) with €5.09 million. The project has received funding from a **Research and Innovation Action** under the **Horizon Europe framework** (2021-2027) within the program CL3-2021-DRS-01-01: Improved understanding of risk exposure & its public awareness in areas exposed to multi-hazards. The British partners in the project are funded by UK Research and Innovation fund for approx. EUR €800K. Sixteen partners will work together to overcome the challenges of increased risk of multi-hazards due to climate change and other factors. The project was successfully started during a hybrid kick-off meeting held in Istanbul, Turkey,

on October 24-25, where the project partners presented and explored the objectives of the project thoroughly.

The project started on the 1st of October 2022. The consortium is composed of 16 partners.

On **October 24th and 25th**, partners met in **Istanbul (Turkey)** for the kick-off meeting of the project, which will close in 2025. The consortium is composed of: SAMPAS Holdings and SAMPAS Intelligent Cities **SAM** (Turkey), in the role of project's coordinator; **ARTELIA** (France); Laboratório Nacional de Engenharia Civil **LNEC** (Portugal), Synergistic Manifolds Unipessoal LDA **MET** (Portugal), National Center for Scientific Research **DEMOKRITOS NCRSD** (Greece), Universitat de les Illes Balears **UIB** (Spain), Istanbul universities **UI** (Turkey), Dimos Egaleo **EGL** (Greece), Ordu Buyuksehir Belediyesi **ORDU** (Turkey), Administração do Porto de Aveiro SA **APA** (Portugal), Comunidad Autonoma de las Illes Balears **GOIB (Spain)**, Royal Melbourne Institute of Technology Spain SL **RMITE** (Spain), Université Grenoble Alpes **UGA** (France), Royal Melbourne Institute of Technology **RMIT** (Australia), The University of Cambridge **UCAM** (UK), and Technovative Solutions Ltd **TVS** (UK).

C2IMPRESS outcome will be a solution for the multi-hazard disaster resilient society.

C2IMPRESS will provide a novel 'place and people-centred integrated multi-hazard risk and resilient assessment framework. It will build a multi-hazard risk intelligence platform, an innovative agent-based model using the people-centred approach, an interdisciplinary and integrated risk assessment framework, and a decision support platform with microservices. Finally, C2IMPRESS will adopt a novel multi-actor collaborative co-design and co-creative approach.

C2IMPRESS solution will be validated in four case study areas

C2IMPRESS innovations will be validated and showcased in 4 different countries: **Ordu, Turkey**, where the case study will be concentrated on potential flood disasters and related landslides in the central districts of Ordu province, which is located in the Black Sea region in Turkey; **Egaleo, Greece**, where the case study concerns the estimation of the hazards such as heat waves, wildfires, floods, and earthquakes, inside the administrative limits of the municipality; **Centro Region, Portugal**, where coastal and fluvial floodings, ship manoeuvring and mooring, and wildfires' impact on the water cycle the main hazards will be studied; and **Balearic Islands, Spain**, which is a Mediterranean flood and wildfire-prone archipelago.

Quote of the Technical Coordinator of the consortium

Dr. Mohammad Azizur Rahman, Associate Director, Technical in Technovative Solutions LTD and the Technical Coordinator of the C2IMPRESS project, said: *"The C2IMPRESS project will provide in-depth knowledge on the complex interaction between the severity and frequency of multi-hazards, the area of land and the number of citizens exposed to such hazards, their vulnerability and stakeholders and citizens' risk perception and management capacity".* He further mentioned, *"The consortium activities will generate interest in learning and understanding more about multi-hazard risk resilience and raise awareness of some critical multi-hazard risk preparedness planning and informed decision-making aspects".*

C2IMPRESS at a glance:

C2IMPRESS aims to develop solutions for the multi-hazard risk resilient society

Project Coordinator: SAMPAS Holdings, Turkey

16 partners: 7 Technical research and RTD partners, 5 SMEs, and 4 end-users

8 Countries: Turkey, Greece, Portugal, Spain, France, UK, and Australia

4 Case Study Areas

Project Duration: 3 years

Total Funding: €5.09 M



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Source : C2IMPRESS

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