



TFC Research and Innovation Limited

Press release - October 2023

TFC – WINS WITH HORIZON EUROPE PROJECT – B-PREPARED

We are pleased to announce the commencement of the European Horizon Europe Framework project, B-PREPARED, which commenced in October 2023 and will run for 36-months aimed at delivering a cost-effective solution to help build a culture of disaster preparedness with a multi-actor approach using realistic historical scenarios in support.

B-PREPARED will build on a freely accessible sizeable collaborative knowledge base and data hub to demonstrate its usefulness through three demonstrator applications i.e., a cooperative multiplayer virtual reality serious game, a simulated real disaster scenario for the safest near-real experience and separately, an interactive gamified mobile app with age-appropriate content and enhanced accessibility to people with specific functional needs for the widest possible reach.

The project applies a Learning Management System to effectively and comparably measure the preparedness levels achieved by individual users (via virtual reality or mobile) on a unified scale. Through the application of B-PREPARED, players can take different roles to solve puzzle tasks in an immersive experience. Teamplay, collaboration and communication are key, strengthening too, the culture of mutual assistance and cooperation in danger. A large-scale virtual reality hackathon series will also be applied to demonstrate B-PREPARED features.

B-PREPARED brings together a pan-European multi-disciplinary team of experts, who will collaboratively work to meet project expectations. The project is led by Szataki (Hungary) and including TFC Research and Innovation Limited (Ireland), involves both YellowMap and University of the Bundeswehr Munich (Germany) as well as Szekely Family (Hungary) amongst other partners. According to Tom Flynn, TFC Innovation and Business Development Manager, *“Across Europe, disaster preparedness needs to be at a level that is more citizen-orientated on how to act and react during a disaster. B-PREPARED through its virtual reality and gamification approach aims to help citizens be better prepared.”*

It is intended that the solution will be available in a non-profit freemium model with the in-game purchases being replaced by in-game donations for relief organizations and a small percentage kept for maintenance and further development.

About TFC Research and Innovation Limited

TFC Research and Innovation Limited is a scientific research engagement organisation that provides services in clustering, conceptual architecture, project management, better practice guides, standardisation and outreach support. The company works across a wide range of sectors including eHealth, Operational Security and Energy amongst others and is committed to partnering organisations focus on demonstrating value creation. www.tfcengage.com, Twitter: @TFCRIL

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