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REDACt

int Operational Programme
2014-20 project

July 2020 - December 2022









Project Partnership & Details







Common borders. Common solutions.



CROSS BORDER













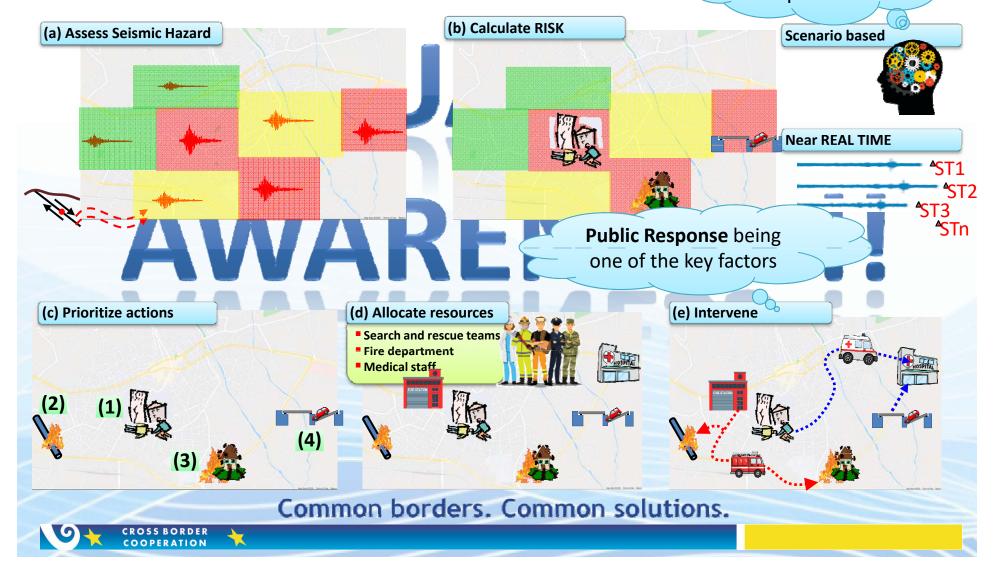


- Funding Programme: Black Sea Basin Joint Operational
 Programme 2014-20
- Budget: 974.860,00 € (ENI 896.871,20 €)
- Duration: 1 July 2020 31 December 2022









Improving Earthquake Response: a 3-way intervention

Provide scenario based and near Real-Time data & info to Authorities

Rapid Earthquake Damage
Assessment platform

REDA platform

by providing reliable Real-Time information regarding the induced damages including... (structures, gas pipelines, lifelines and geotechnical failures)

Smartphone app

(by providing...) prompt dissemination of respective alert information ...

Educational Hub

(by providing...) improvement of the public response to emergencies.

Structures

Gas Pipelines

Lifelines

Provide info and guidelines to the public; a well informed Public may act in a better way

Cross

...By combining data and information from all sides of the borders, REDAS will solve this problem and provide to the Target Group, accurate and reliable information thus improving response efficiency in CBAs.

REDACt

Scope ...aims at establishing a

cross-border cooperation to promote

common policies and strategies leading to sharing data, information and

competencies in order to respond to major

issues related to Earthquake Preparedness & Emergency Response

REDACt

Preparedness: Help the public develop "own" emergency plans (personal, family, work etc) for any "environment" they may be into; IN LINE WITH STATE EMERGENCY PLANS **ADAPTABILITY**

open to potential users and their modular cused dissemination activities, will ensure as as well as future expansion in order to a Basin, ensuring sustainability and licetion of results.



REDA platform Operating Mode

Low Cost accelerometers

Earthquake system
Alert

Estimated Strong Motion

More Precise Shaking Parameters

Strong Ground Motion

Vulnerability Curves

Structural Damage Assessment

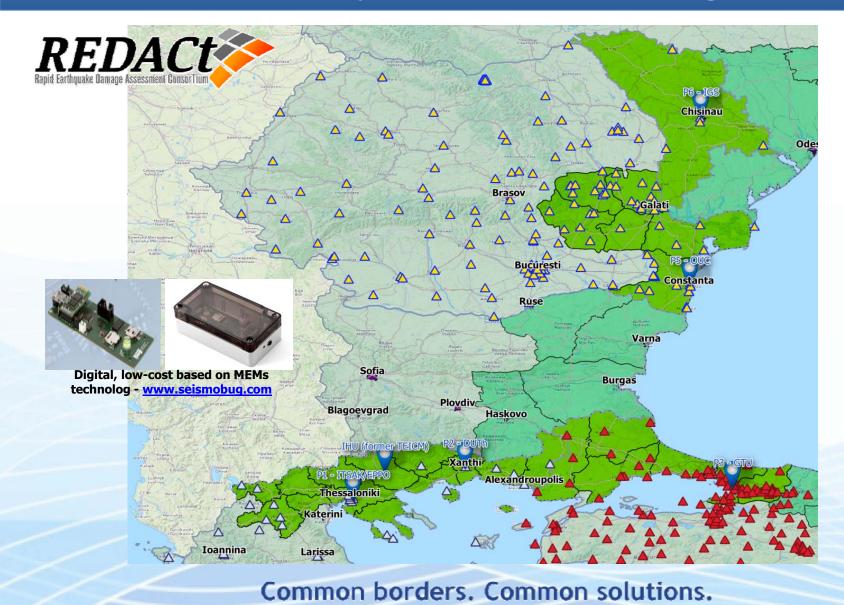
Structure Dynamic behavior

Soil/Structure interaction

Structure Vulnerability assessment



Available Earthquake Monitoring Networks



CROSS BORDER

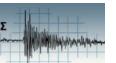


Project Supporters



ΟΡΓΑΝΙΣΜΟΣ ΑΝΤΙΣΕΙΣΜΙΚΟΥ ΣΧΕΔΙΑΣΜΟΥ ΚΑΙ ΠΡΟΣΤΑΣΙΑΣ

ΥΠΟΥΡΓΕΙΟ ΥΠΟΛΟΜΟΝ ΚΑΙ ΜΕΤΑΦΟΡΟΙ









ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ & ΘΡΗΣΚΕΥΜΑΤΩΝ

Περιφερειακή Διεύθυνση Α/θμιας & Β/θμιας Εκπαίδευσης Κεντρικής Μακεδονίας









































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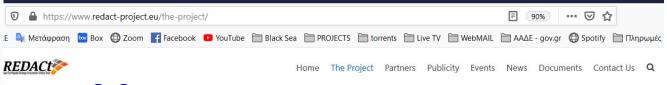












https://www.redact-project.eu/



OVERALL OBJECTIVE

by glo'...'bj stiv is a noro no no no no not set of richt nore ment, de alend infirm not in minit if and the prevention, management and seismic risk mitigation, by developing a framework for harmonization and cooperation, as well as a new Service, based on innovative ICT-based solutions (a Rapid Earthquake Disaster Assessment System; a Smartphone app; an Educational Hub) going beyond the existing practice in the field of Earthquake Emergency Preparedness and Response.

