# BORIS2

Cross BOrder RISk assessment for increased prevention and preparedness in Europe: way forward

Assessing seismic and flood risks with cross-border impact potential on the Italian-Slovenian-Austrian borders from a multi-risk perspective



# Project consortium:











# Associated partners:







# **Project Outline**



**Project duration:** 1.1.2024-31.12.2025



### Coordination:

Italian Center for Research on Risk Reduction - CI3R



Funding source:

EU Civil Protection Mechanism (UCPM)

# Background & Goals

The Eastern Alps, including the Italian–Slovenian-Austrian borders, as well as the region of South-Eastern Europe, are characterised by strong seismicity and hydro-meteorological risks. Considering the need expressed by local civil protection agencies involved as stakeholders in the first BORIS project, particularly to enhance the multi-risk analysis methodology proposed for an effective use towards emergency planning, the goal of BORIS2 is to deliver a methodology and tool to support stakeholders to undertake strategic decisions to improve emergency planning.

The multi-risk analysis has already been implemented at municipality scale and will be modified in order to be applied at sub-municipal level considering relevant multi-risk scenarios. This will enable to highlight urban areas that are most impacted by single and multiple risks, and ensure a better planning of the emergency phase. Critical infrastructures and their connections will be included in the larger scale evaluation.

### **BORIS2 Activities**

### Stakeholders' requirements/involvement

Analysis of the context and needs

Scenario maps

Harmonized exposure database for DRM-relevant assets

Harmonized vulnerability database for DRM-relevant assets

Harmonized single and multi-risk maps to support emergency condition

Platform and tool for cross-border multi-risk assessment

Dissemination and outreach

### **BORIS2 Outputs**

### Objective 1

Shared methodology for single risk and multi-risk assessment of urban settlements

### Objective 2

Tool to evaluate the emergency condition for urban settlements in a multi-risk framework as a support for DRM planning





BORIS2 is a project funded by the Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO)

## Learn more about BORIS2

