EGMS RASTOOL-DOS: EUROPEAN GROUND MOTION RISK ASSESSMENT TOOLS - DOWNSTREAM SERVICE

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UCPM Kick off Meeting – RASTOOL-DoS Project presentation Brussels, Belgium 13/03/2023



Project Co-financed by the EU - Union Civil Protection Mechanism UCPM-2024-KAPP-PP - 101193210



PROJECT OVERVIEW

Title: EGMS RASTOOL-DoS: European Ground Motion Risk Assessment Tools - Downstream Service

Acronym: RASTOOL-DoS

Number: 101193210

Call: Knowledge for Action in Prevention and Preparedness (UCPM-2024-KAPP)

Topic: Preparedness (UCPM-2024-KAPP-PP)

Duration: 24 months

Start Date: 01 March 2025

Project Cost: €686,514.14

EU Contribution: €617,862.70

PROJECT CONSORTIUM

7 Partners – 4 Countries

Technical team





UNIFI - University Of Florence - **Italy** Civil Protection Centre (CPA-UNIFI)



IGOT-UL - Instituto de Geografia e Ordenamento do Território da Universidade de Lisboa - **Portugal**

End Users





Hellenic Survey of Geology & Mineral Exploration (HSGME)

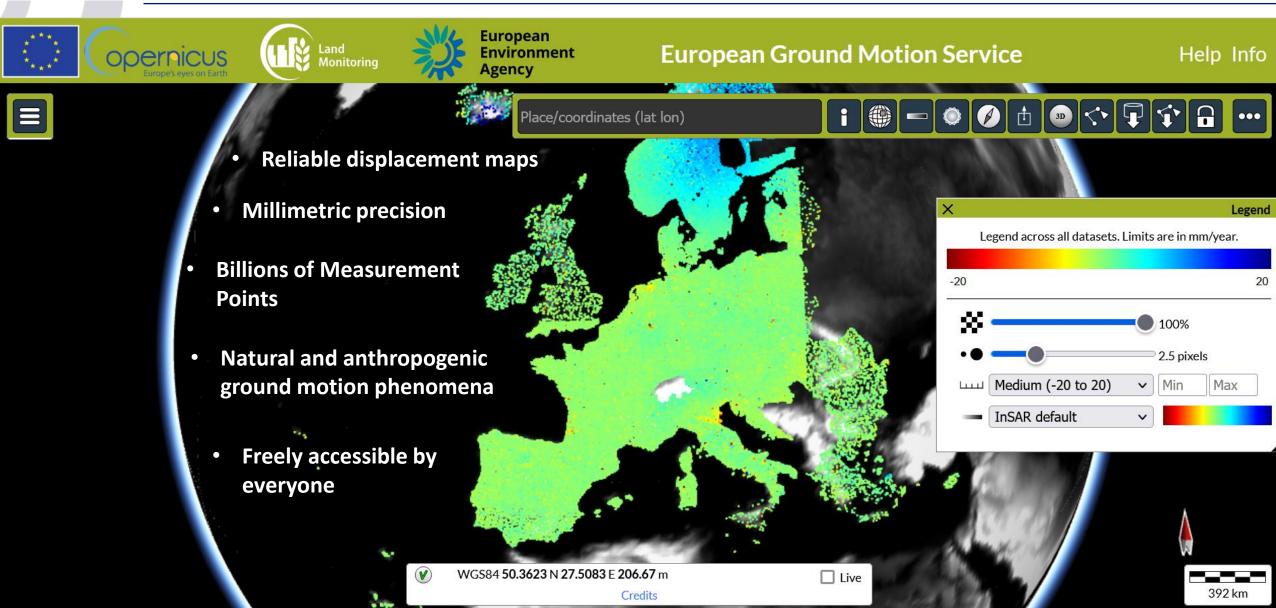






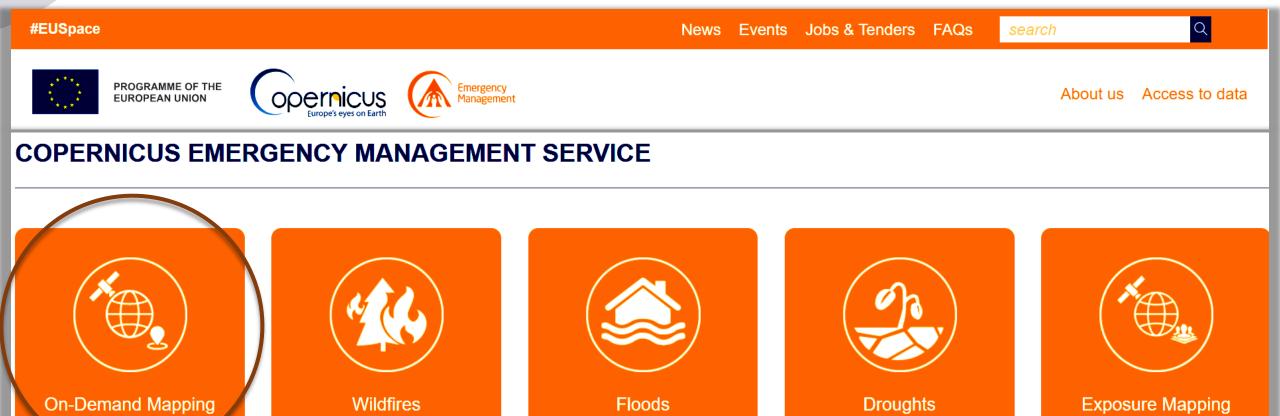
CONTEXT: THE COPERNICUS EGMS

https://egms.land.copernicus.eu/



CONTEXT: THE COPERNICUS EMS

The Copernicus EMS provides mapping service to support all the actors involved in the management of disasters using satellite imagery and other geospatial data



RASTOOL-DOS: OBJECTIVE

Facilitating the uptake of European Ground Motion Service (EGMS) by civil protection authorities in disaster risk management.



Developing a prototype of On-Demand Mapping service related with Ground Motion information for the Copernicus Emergency Management Service



Transform EGMS data into actionable and clear maps



Giving information on the localization, characterization, and potential impact on structures and infrastructures of Ground Motions phenomena

RASTOOL-DOS: OUTPUTS AND STRATEGY

Pan-European Scale Service Demonstration

Output:

Pan-European maps derived by the whole EGMS dataset

Strategy:

Collaboration with the CLMS (Advisory Board)

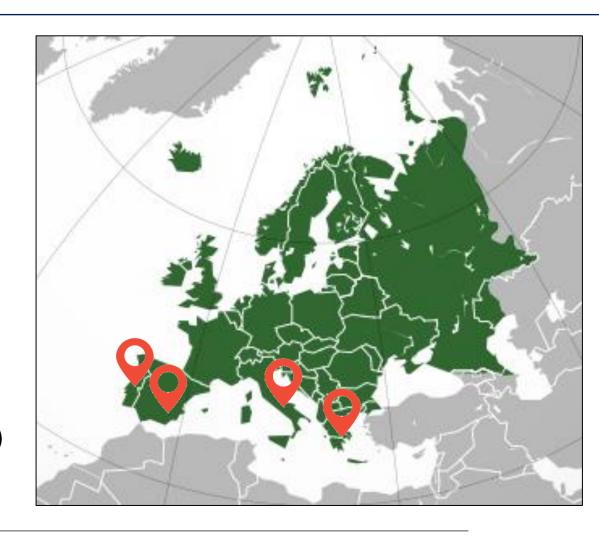
Local scale Service Demonstrations

Output:

Local maps based on real risk scenarios, and specific needs of 4 pilot areas located in **Italy, Spain, Portugal, and Greece**.

Strategy:

Collaboration with the Joint Research Centre (Advisory Board) Engagement of the local Authorities (meetings, simulations, questionnaires)



MAJOR EVENTS

- Kick off Meeting, 11-12 April 2025, Madrid (Spain)
- Online Information Day, September 2025
- Mid-term Meeting, March 2026, Lisbon (Portugal)
- Final Training, February 2027, Florance (Italy)
- Final Meeting, February 2027, Florance (Italy)

THANK YOU FOR YOUR ATTENTION

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