

## ARISTOTLE-eENHSP IN NUMBERS



19 partners across Europe



2 international institutions



Since 2018 in operation



80 emergency activations\*



343 monitoring reports\*



6 inter-related hazards

\* From October 2018 until April 2022

ARISTOTLE-eENHSP provides a flexible and scalable **24\*7 Multi-Hazard Service** at **global level** to the European Commission's Emergency Response Coordination Center



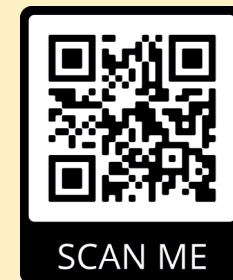
ARISTOTLE-eENHSP operates in emergency and monitoring mode to translate authoritative and **scientific information into actionable advice**



The ARISTOTLE-eENHSP Partnership aims at increasing the **multi-hazard service capabilities** through the **expansion** of the multi-hazard partnership with **new inter-related hazards and partners**



TRANSLATING  
SCIENCE INTO  
OPERATIONAL  
MULTI-HAZARD  
ADVICE



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### Partners



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## What is ARISTOTLE-eENHSP?

ARISTOTLE-ENHSP is an interdisciplinary Multi-Hazard Partnership consisting of world-leading scientific centres in the areas of Earth and Climate sciences to ensure:

- the provision of **24/7 operational multi-hazard scientific advice at global level** to the European Response Coordination Centre (ERCC) for Earthquakes, Tsunamis, Volcanoes, Severe Weather, Flooding, and Forest Fires.
- the establishment of a **truly Pan-European ENHSP** based on the ENHSP developmental pillars that sustain a flexible and adaptable system and allow introducing new hazards and new partners into operations.

## How does it operate?

### Operational service

#### 1) Emergency Response Service:

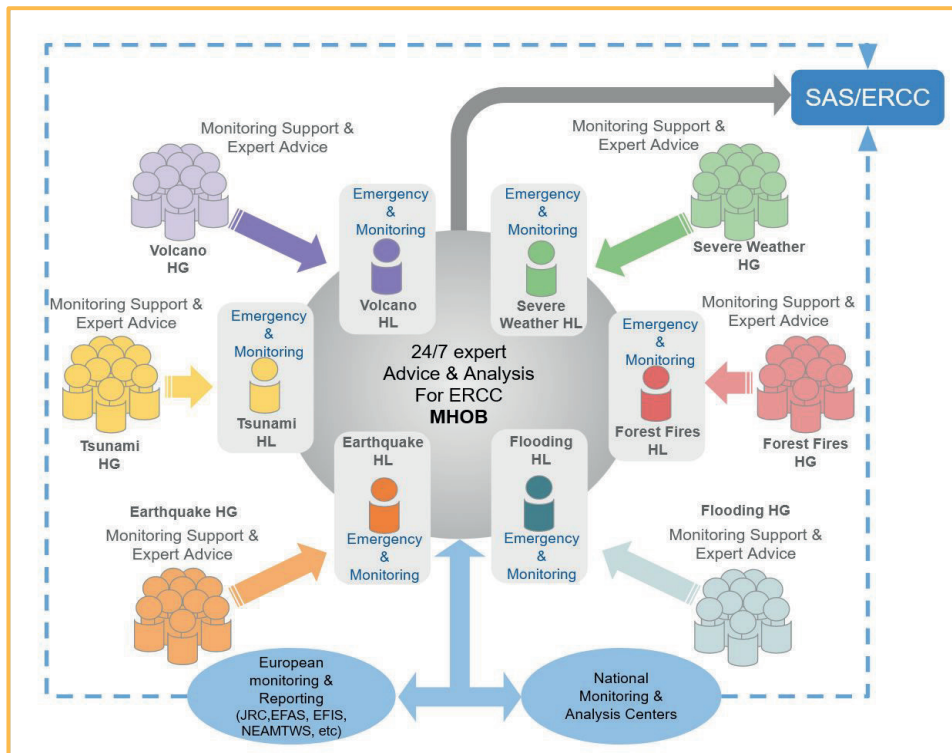
- it follows a request from the ERCC or on an event detected by the Multi Hazard Board, in two alternative routes: 1) *Reactive* (used mostly for unforecastable events), 2) *Proactive* (used mainly for not forecastable events).
- provision of **3-hour-emergency Reports:** scientific multi-hazard impact-oriented advice reports to the ERCC within a 3-hour time-frame after activation. Updates available after 24 hours or upon request.

#### 2) Monitoring service:

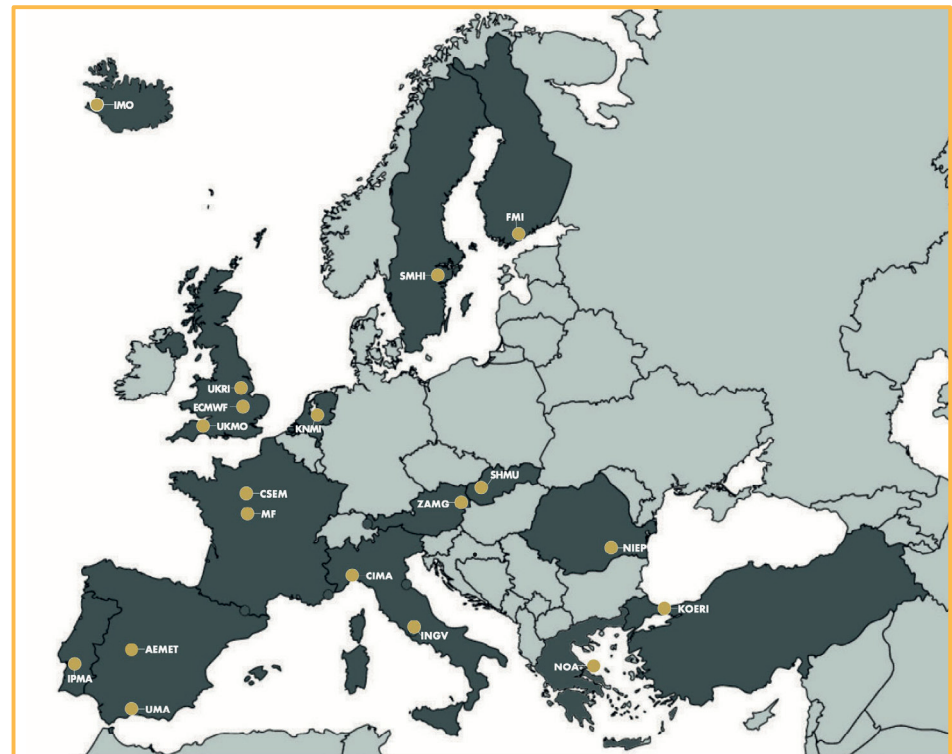
- 3 times per week** multi-hazard events monitoring including a multi-hazard assessment report on the current events, their evolution and potential future events. Verbal interaction with the ERCC to ensure clarification supports the bulletin.

## The Partnership

ARISTOTLE-eENHSP partners include **17 European scientific institutions and 2 international organizations** under the co-ordination of the National Institute of Geophysics and Volcanology (INGV) and the Zentralanstalt für Meteorologie und Geodynamik (ZAMG)



The operational 24/7 multi-hazard advisory structure with the central core (the Multi-Hazard Board - MHB), consisting on a representative for each of the hazards



Consortium of European research and service institutions already having natural hazard mandate at national level