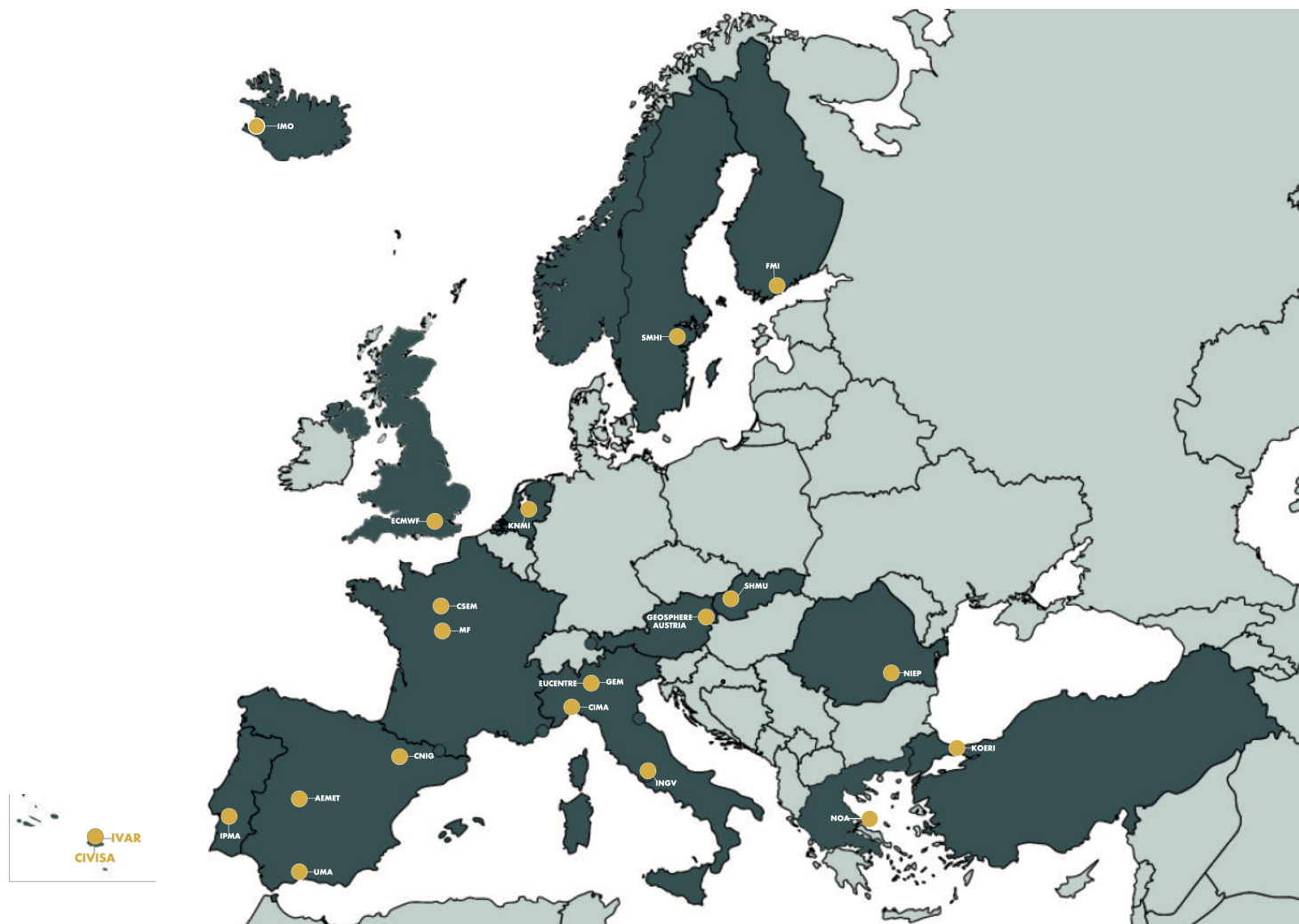


All Risk Integrated System TOwards Trans-boundary hoListic Early-warning - European Natural Hazards Scientific Partnership

ARISTOTLE-ENHSP “European Natural Hazard Scientific Partnership”, fostering the collective experience gained during the previous ARISTOTLE-ENHSP and the [initial pilot ARISTOTLE project](#), is a long-term operational, research, and cooperation project financed by the Directorate-General for European Civil Protection and Humanitarian Aid Operations ([DG ECHO](#)).

ARISTOTLE-ENHSP aims to continue strengthening the monitoring and analysis functions of the Emergency Response Coordination Centre ([ERCC](#)) and its Situational Awareness Sector (SAS) by delivering unique multi-hazard advice service at global level and on a 24/7 operational basis.

ARISTOTLE-ENHSP has been designed to offer a **flexible and scalable system that can provide new hazard-related services to the ERCC**. It builds on a consolidated and multi-disciplinary partnership consisting of world-leading scientific centres in the areas of Earth and Climate sciences, providing operational and monitoring services, early warning and information systems as well as contributing to innovation and research actions.



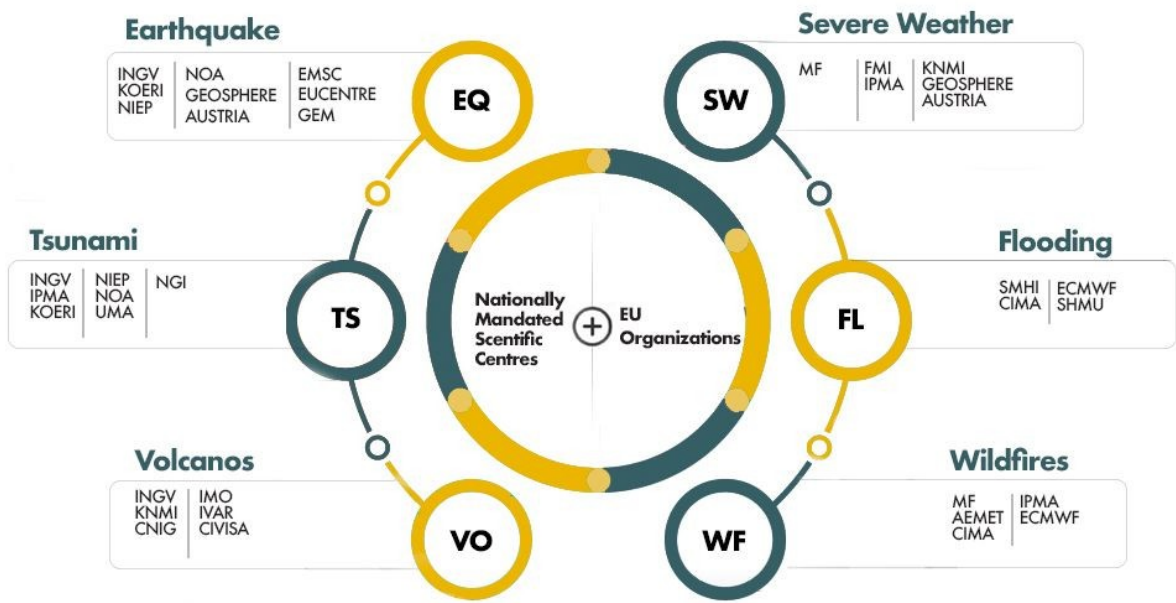
Geographical distribution of the ARISTOTLE-ENHSP Consortium. Please note that CSEM and EMWF are European organisations. Their allocation on the map refers to their headquarters.

With this robust experience in scientific and operational emergency assessment, the ARISTOTLE-ENHSP Consortium is currently providing advice in a multi-hazard fashion for the following inter-related hazards:

- Earthquakes,
- Tsunamis,
- Volcanic eruptions,
- Severe Weather events,
- Flooding events and
- Wildfires/Forest fires.

Being most of the partners entities formally-mandated to provide advice and operational services for disaster risk at national

level with **extended global 24/7 monitoring and analytical capacity**, the usage of authoritative information is guaranteed.



The experienced multi-hazard scientific ARISTOTLE-ENHSP Partnership and related hazards.

The operational capacity of the ARISTOTLE-ENHSP service relies on a blueprint in which experts from each of the different hazard groups provide the collective expertise into a **multi-hazard virtual 24/7 operational centre**, named “Multi-Hazard Board” (MHB). The MHB, composed of a representative of each hazard group, brings together the best information from the multi-hazard perspective in a single and unified multi-hazard scientific assessment of the ongoing and future events provided to the ERCC and SAS in two different modes, the **Emergency and the Routine modes**. Both modes facilitate the accommodation to the different temporal scales of both, the hazards considered, as well as the relative preparatory actions or feedback required for effective emergency response.

Partners

