

From data to evidence-based preparation and resilience

Webinar - 27th October 2026, 14:00-17:00

Organised by AFPCNT and the [AHEAD](#) consortium – in English

Outline

The planet is undergoing an evolution, from disasters separated one from another, to compound, sequenced and even geographically scattered disasters of so-called natural hazard origin, on top of which the weight of malicious action is increasing.

In parallel, digital capacities to sustain deeper and wider knowledge have exploded, fed by data now massively available; whereas they were relatively scarce at the beginning of the century. But data profusion doesn't guarantee for clear risk construction and evidence-based knowledge for action, without prior data structuration.

Tensions between knowledge and action to improve reactivity, readiness and long-term management, seem to be widening. It has been widely acknowledged, at least since the COVID crisis, up to the recent heatwaves of 2026.

This webinar will aim at drawing a line between available data and knowledge to feed the decision-action loop throughout the crisis lifecycle (anticipation, prevention, preparation steps, crisis management, recovery and reconstruction), and also feed forensics. It will take the form of a dialogue between different projects and initiatives in Europe.

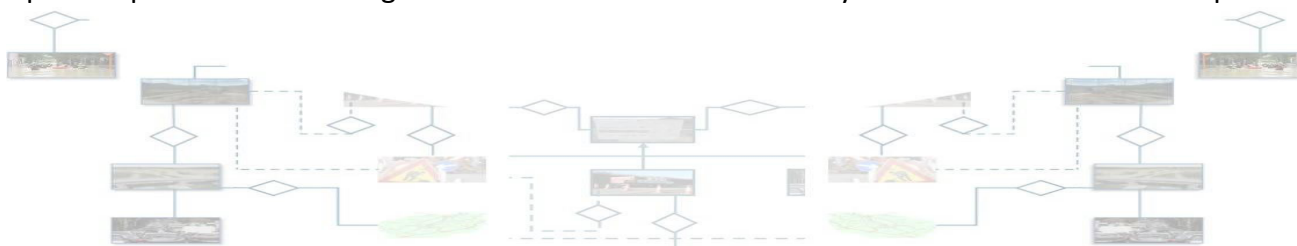
It will be devoted to presenting initiatives to collect data and build collective knowledge.

In France, the **MUREX** tool and disaster **REX technique inondation** are now mature.

Other initiatives focus on “reference” layers and data as “commons”: **cartes.gouv.fr** (beforehand geoportail), **COPERNICUS** (GHSL and EDMS), **Agirisk**, **DRMKC-RDH Atlas**, etc.

The **AHEAD** project (UCPM-2024-KAPP — Grant number 101193268) to capitalize on past disaster data via database systems, prolonging initiatives taken in the wake of the Sendai framework for Disaster Risk Reduction, has been running for 20 months now to enhance high-value datasets and system interoperability.

Final discussions will deepen this exchange with prospective aspects (possibly AI) and possible future steps to improve the “matching” between massive data availability and the decision-action loop.



Agenda

14:00 Welcome and opening remarks (Scira Menoni, Frederic Tatout)

14:10 Data collection for collective knowledge building

- MUREX (collection, floods), REX technique inondation (guideline), Agirisk (15 mn).
- Building adaptation and resilience in the Pas-de-Calais, following the 2023-2024 flood : needs and use of data on damages and costs (25 mn).
- Q/R

15:00 Open data systems and public reference data - foundations to support data federation?
data and knowledge

- Cartes.gouv.fr, ID-RNB (15 mn)
- Copernicus (esp. GHSL) (20 mn)
- DRMKC Risk data hub Atlas system (20 mn)
- Q/R

Break (15 mn)

16:15 Multipurpose systems and projects : two examples

- SEISAID and upcoming projects (AFPS or BRGM) – 15 mn
(see <https://civil-protection-knowledge-network.europa.eu/projects/faster>)
- AHEAD: a database information system as a platform for collaborative data structure design – 15 mn
- Discussion

16:50 Webinar takeaway and conclusive remarks