

Connecting disaster risk reduction and climate adaptation

Climate resilient regions on the road to 2030

13 October 2026, 11:00 - 12:00 CEST

Background and rationale

Climate-related hazards are becoming more frequent and more severe across Europe, with implications that vary across European regions depending on their risk profiles and capacity to anticipate and manage them. Floods, droughts, heatwaves, wildfires, and windstorms affect local communities differently, and the response to evolving climate realities is inherently driven by regional and local-scale interventions.

Preventing and limiting damages and losses requires a multi-sectoral policy approach and coherence across two domains that have historically developed in parallel: Disaster Risk Reduction (DRR), shaped internationally by the *Sendai Framework for Disaster Risk Reduction 2015 - 2030*, and Climate Change Adaptation (CCA), driven by the UNFCCC processes, through the Global Goal on Adaptation and the Global Stocktake. In recent years, these two fields have been progressively converging, with significant room to strengthen their connections. The Sendai Framework has shifted its focus towards disaster risk anticipation, and the IPCC has featured response integration more prominently in its Sixth Assessment Report.

Bridging these two key areas of climate risk management is fundamental to ensuring resilience and avoiding maladaptation, especially in Europe, where these fields address overlapping challenges but operate through parallel knowledge and practice bases. The UNDRR (2025) report on DRR-CCA coherence highlights that strategic coherence is largely driven by international frameworks, whereas local implementation and regulation remain fragmented. Recent EU policy developments signal a growing commitment to integration, with the Preparedness Union Strategy (2025) promoting an all-hazards approach and the European Framework for Climate Resilience expected to further enhance policy coherence from 2026 onward.

On the occasion of the International Day for Disaster Risk Reduction, initiatives such as the CLIMAAX and CARMINE European projects take stock and look ahead, highlighting what has been achieved toward the 2030 horizon and bringing attention to always more impending climate adaptation challenges. The event will connect these two conversations through a high-level expert panel.

Thematic focus and objectives

The event centers around two main themes: disaster risk reduction and climate adaptation. Drawing from the projects' activities, evidence from European regions will be discussed in the context of relevant international frameworks. The event objectives are listed as follows:

- Connect the experience of European regions to the international policy frameworks, namely the Sendai Framework and the UNFCCC adaptation process.
- Contribute a science-informed perspective to the conversation on the post-2030 disaster risk reduction agenda.
- Highlight the CARMINE and CLIMAAX project complementary activities and results, showcasing convergence in disaster risk reduction and climate adaptation

Speakers & agenda

11:00-11:05 | Intro by Jaroslav Mysiak, CMCC

11:05 - 11:15 | Reimund Schwarze, Helmholtz Centre for Environmental Research, E-STAG
UNDRR

11:15 - 11:25 | Frederiek Sperna Weiland, Deltares, CLIMAAX

11:25 - 11:35 | Eleni Toli, Athena Research Centre, CARMINE

11:35 - 12:00 | Q&A and panel discussion

Two projects, one mission

The project **Climate Resilient Development Pathways in Metropolitan Regions of Europe** ([CARMINE](#)) bridges the local and regional scales by providing impact-based decision support services and multilevel climate governance supporting local adaptation, including both traditional and Nature-Based Solutions.

The project **CLIMAt e risk and vulnerability Assessment framework and toolbox** ([CLIMAAX](#)) is a 4-year Horizon Europe project that provides financial, analytical, and practical support to improve regional climate and emergency risk management plans. CLIMAAX is designed to contribute to the harmonization and consolidation of the practice of climate risk assessment, leaving a legacy for upcoming European initiatives.

Together, these two projects cover the entire risk management and adaptation life cycle, from risk diagnosis to action. CLIMAAX supports European regions with methods and funding to assess climate risks, while CARMINE traces resilient development pathways and supports governance in metropolitan areas, critical climate risk hotspots.