

European Regulation of Climate Services: A Dialogue with Private Providers

Climate services are a fundamental pillar of a resilient future and benchmarking their quality, salience, usability and sustainability requires the joint work of all actors involved in their provision.

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Auditori L'illa
Barcelona

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The demand for high quality information and services is rising as a changing climate increasingly threatens value chains across many sectors, creating significant market risks and uncertainties. In response, the climate services market is expanding, driven not only by these growing risks but also by rapidly evolving regulations that require the disclosure of climate risks and promote adaptation strategies.

Climate services provide climate information tailored to support decision-making for individuals and organisations. Effective services require meaningful user engagement, accessible delivery mechanisms, and responsiveness to users' needs. However, the field of climate services lacks standardisation, and trust issues often hinder the uptake of these services, compromising European competitiveness. While there are basic technical guidelines for climate data, many other essential components of climate services—such as engagement, delivery, and user responsiveness—still lack widely agreed-upon guidelines or standards.

Europe is committed to regulating climate services and has tasked the European standardisation organisations, CEN and CENELEC, with developing the necessary standards. To support this effort, Climateurope2, a Horizon Europe Coordination and Support Action led by the Barcelona Supercomputing Center, in collaboration with the World Meteorological Organisation (WMO), Copernicus Climate Change Services (C3S) and DNV, is hosting an invite-only, peer-to-peer event for private companies with a proven presence in the European climate services market.

This gathering provides private climate service providers with a unique opportunity to engage with researchers specialising in climate service standardisation and to explore pathways for building a trustworthy, transparent climate services market that aligns with emerging regulations.

Participants can expect the following key outcomes

Familiarisation with Europe's ambitions concerning the standardisation and regulation of climate services.

Insights into emerging criteria and requirements for developing trusted climate services.

Opportunity to provide input and shape ongoing standardisation efforts.

Peer-to-peer dialogue in an open and safe environment to collaboratively address common challenges.

A post-event report, along with opportunities for information sharing and networking.



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