



## Introducing Climateurope: Europe's network for climate services

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In recent years, climate services have emerged as a fast-growing and dynamic field to meet the growing recognition of the need for adaptation and mitigation strategies to climate change. In spite of the broad and diverse range of climate services currently underway in Europe as yet there has been no coordination of these activities, leading to duplication of efforts and fragmentation. To address this, a consortium of key actors in climate services in Europe have formed a coordination and support action funded by the European Union under Horizon 2020, called Climateurope.

The four main aims of Climateurope include:

1. Develop a European framework for Earth-system modelling and climate service activities. The framework will be built around a managed network of European, national and international activities and organisations. Such a network does not yet exist but is becoming increasingly necessary.
2. Coordinate and integrate European climate modelling, climate observations and climate service infrastructure initiatives (including JPI-Climate, Climate-KIC, Copernicus C3S) and facilitate dialogue among the relevant stakeholders, including climate science communities, funding bodies, providers and users. This will improve synergies, reduce fragmentation and promote alignment between activities. The user communities will include public sector, businesses, industry and society.
3. Establish multi-disciplinary expert groups to assess the state-of-the-art in Earth-system modelling and climate services in Europe; and identify existing gaps, new challenges and emerging needs.
4. Enhance communication and dissemination activities with stakeholders, in particular through events to bring the network together and showcase progress; stakeholder-oriented reports on the state-of-the-art in Earth-system modelling and climate services in Europe; operating a website; and undertaking additional stakeholder interactions to increase awareness and maximise project impacts.

This presentation will explain how the Climateurope CSA will deliver a range of highly beneficial impacts. Two key impacts are (i) to greatly enhance the transfer of information between suppliers and users to improve the resilience of European society to climate change and mitigation of the risk of dangerous climate change; and (ii) to improve coordination to increase efficiency, reduce fragmentation and create synergies with international R&I programmes. The outcomes of the first Climateurope climate services Festival held in Valencia in April 2017 will also be discussed.