



Copernicus Climate Change Service: European Tourism

C3S European Tourism is an EU Copernicus Climate Change Service (C3S) contract led by TEC Conseil together with 11 sub-contractors across Europe.

The aim of the C3S contract is to deliver an **operational Sectoral Information System (SIS)** to address **the climate data and applications needs of the European tourism sector**. The service will accommodate the needs of a highly diverse set of users, including intermediaries (such as consultancy companies or environment agencies), businesses (such as tour operators or investors in tourist infrastructure and services), destination managers, tourist associations and policy makers.

Why should your organisation engage with C3S?

Engaging with us will put your **organisation in the driving seat**.

- ❖ Your requirements will be translated into **tailored products and tools** that could help you improve your business operations and make better decisions in an uncertain climate.
- ❖ You will be placed at the heart of a **user-driven process** which will encourage the stimulation of innovative ideas, compelling use cases and support the development of downstream applications.
- ❖ You will create **added-value for your organisation** and/or customers being one of the first beneficiaries of the CET service.

Examples of products

Climate projections for the design of tourism adaptation strategies

Seasonal forecast of tourist comfort index at your destination level to help you to shape your offer and communication strategy for the next season

What could the future Copernicus Climate Change Service look like?



The service will deliver an interactive web-interface with pan-European data as well as potential alternative applications (e.g. monthly email alert). Users should easily access :

- ❖ The most relevant **climate indicators for the tourism sector and different types of areas (rural, mountainous, urban, coastal)**: Holiday Climate Index, sea level rise, snow reliability, forest fires, lake temperature etc.;
- ❖ Climate information for **different timescales** including past climate, seasonal forecasts and future climate-projections;
- ❖ **A set of download functions or tools for downscaling and bias correction**, to adapt each indicator to specific needs of any organisation (accessible through the CDS toolbox);
- ❖ **Case-studies** to show how to use the climate indicators in different contexts of decision
- ❖ **Support and help desk** (i.e. instructions, tutorial videos) to strengthen organisations' capacities in the use of the service.

What is Copernicus Climate Change Service ?

The European Commission has entrusted ECMWF with the implementation of the Copernicus Climate Change Service (C3S). The mission of C3S is to provide authoritative, quality-assured information to support adaptation and mitigation policies in a changing climate.

At the heart of the C3S infrastructure is the Climate Data Store (CDS), which provides free information about the past, present and future climate conditions through a unified web-interface. The CDS also provides a comprehensive set of software (the CDS toolbox) which enables users to develop custom-made applications.

It includes also a set of climate indicators tailored to sectoral applications, such as energy, water management, tourism, etc. – the so-called Sectoral Information System (SIS) component of C3S.

<https://climate.copernicus.eu/>

Find out more...

C3S European Tourism started in October 2017 and will run until March 2019. It is managed by Tec Conseil, FR.

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C3S European Tourism Partners

