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Press Release

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Game-changing Climate Data Store launched

Europe's Climate Data Store (CDS), launched today, is a one-stop-shop for past, present and future climate information. The CDS greatly improves access to climate data and tools, is open and free for all to use, and will change the ways in which society can benefit from Earth observations and climate science.

Developed by the Copernicus Climate Change Service (C3S) at the European Centre for Medium-Range Weather Forecasts (ECMWF), the store draws on the vast wealth of Earth observation data collected day and night through the European Commission's Copernicus Programme.

The CDS is a cloud-based tool that allows policy-makers, businesses and scientists to browse and combine online petabytes of raw data, build their own applications, maps and graphs online in real time, and access all relevant climate information at the push of a button.

The CDS includes a toolbox enabling users to build their own web-based apps, and to analyse, monitor and predict changes in climate drivers – such as surface temperature and soil moisture – and their impact on business sectors such as energy, water management or tourism. Transforming data into climate-related information is therefore key added value of the Climate Data Store.

"The Climate Data Store gives a wide range of users easy access to good quality climate data in one place, and offers tools that will ultimately lead to better use of the data," says Dick Dee, ECMWF's Deputy Head of the Copernicus Climate Change Service.

The Climate Data Store (#ClimateDataStore) is freely accessible to everyone at <http://cds.climate.copernicus.eu>

Notes for editors

Copernicus is the European Commission's flagship Earth observation programme. It delivers freely accessible operational data and information services which provide users with reliable and up-to-date information related to environmental issues.

C3S is implemented by ECMWF on behalf of the European Commission. ECMWF also implements the Copernicus Atmosphere Monitoring Service (CAMS). ECMWF is an independent intergovernmental organisation, producing and disseminating numerical weather predictions to its 34 Member and Co-operating States.

The Copernicus Climate Change Service website can be found at <https://climate.copernicus.eu/>

The Copernicus Atmosphere Monitoring Service website can be found at <http://atmosphere.copernicus.eu/>

The ECMWF website can be found at <https://www.ecmwf.int/>

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