

FREE  
EVENT



# Copernicus Climate Change Service (C3S) ENERGY SEMINAR

**26 June 2023 13:30 - 17:30 CET**



PROGRAMME OF  
THE EUROPEAN UNION



## **Galzignano Terme Spa and Golf Resort Padua (Italy) ONSITE**

Showcasing the C3S Energy climate service for the **energy sector** and improve its catalogue with additional energy data sources and the identification of new energy indicators to be developed as part of the C3S Enhanced Energy Service.

**This is a must attend event for anyone interested in the  
Energy Climate Service sector!**

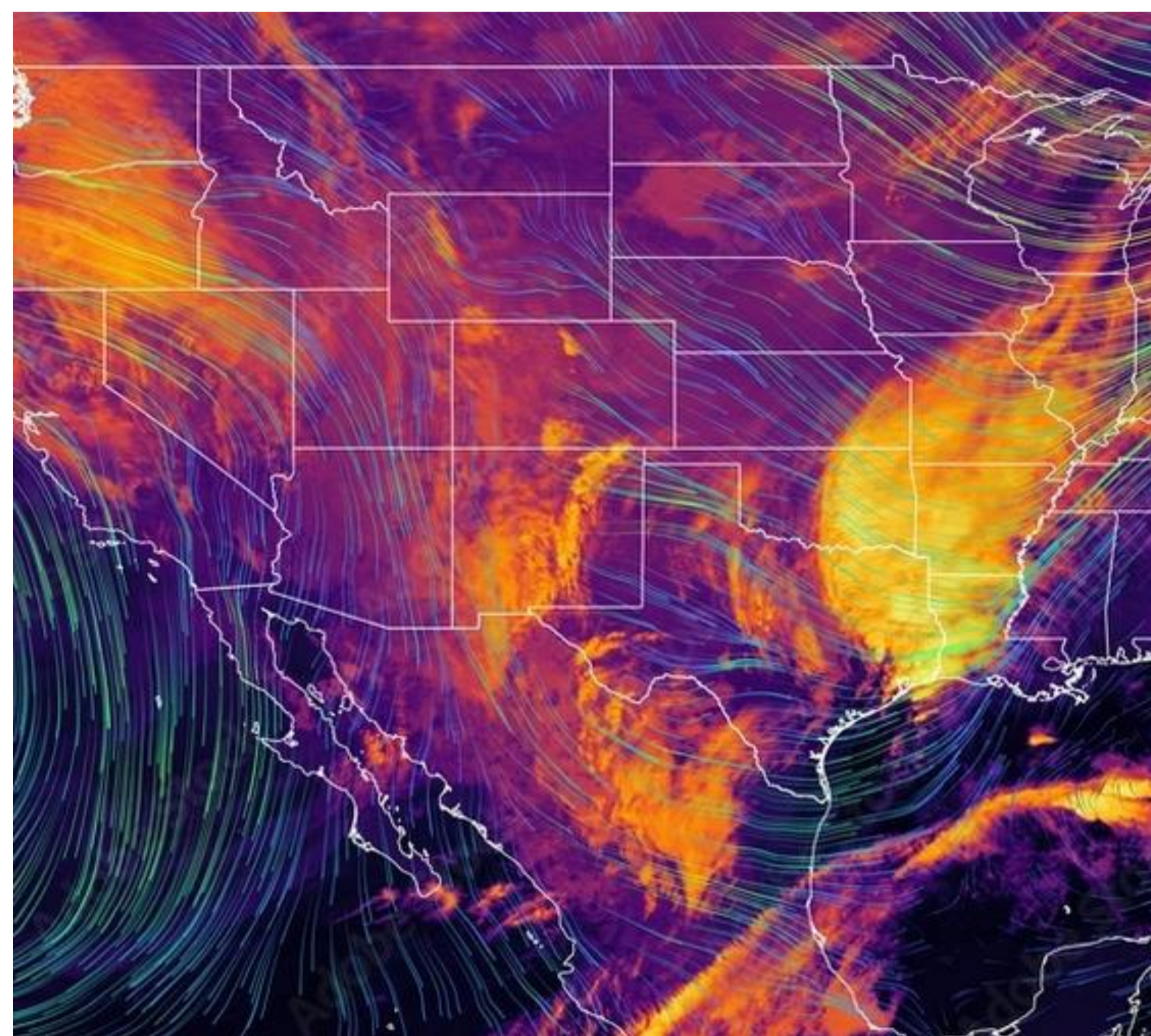


PROGRAMME OF  
THE EUROPEAN UNION



## Why attend the C3S Energy Workshop?

Current energy indicators are hydro power (reservoir and run-of-river), wind power (onshore and offshore), solar PV power and electricity demand. Many other upgrades will be implemented, in a sequential manner with increasing complexity (e.g., increased spatial and temporal resolution, improved energy conversion accuracy), over the three years of the contract, which started in October 2022. Actual developments will also be based on user feedback, and available products during the implementation of the contract. Importantly, datasets produced by the C3S Enhanced Energy will be available via the C3S Climate Data Store (CDS). Similarly, software developed by C3S Enhanced Energy will, whenever practical, be implemented as tools in the CDS toolbox.



During the C3S Energy Seminar we will showcase the two C3S Energy Climate services: the Global version (also referred to as Lot 1) and the European version tailored to ENTSO-E's requirements (also referred to as Lot2).

### Join us and get the opportunity to

- **Connect with experts** in the energy and climate sectors

- **Participate** in the discussion about

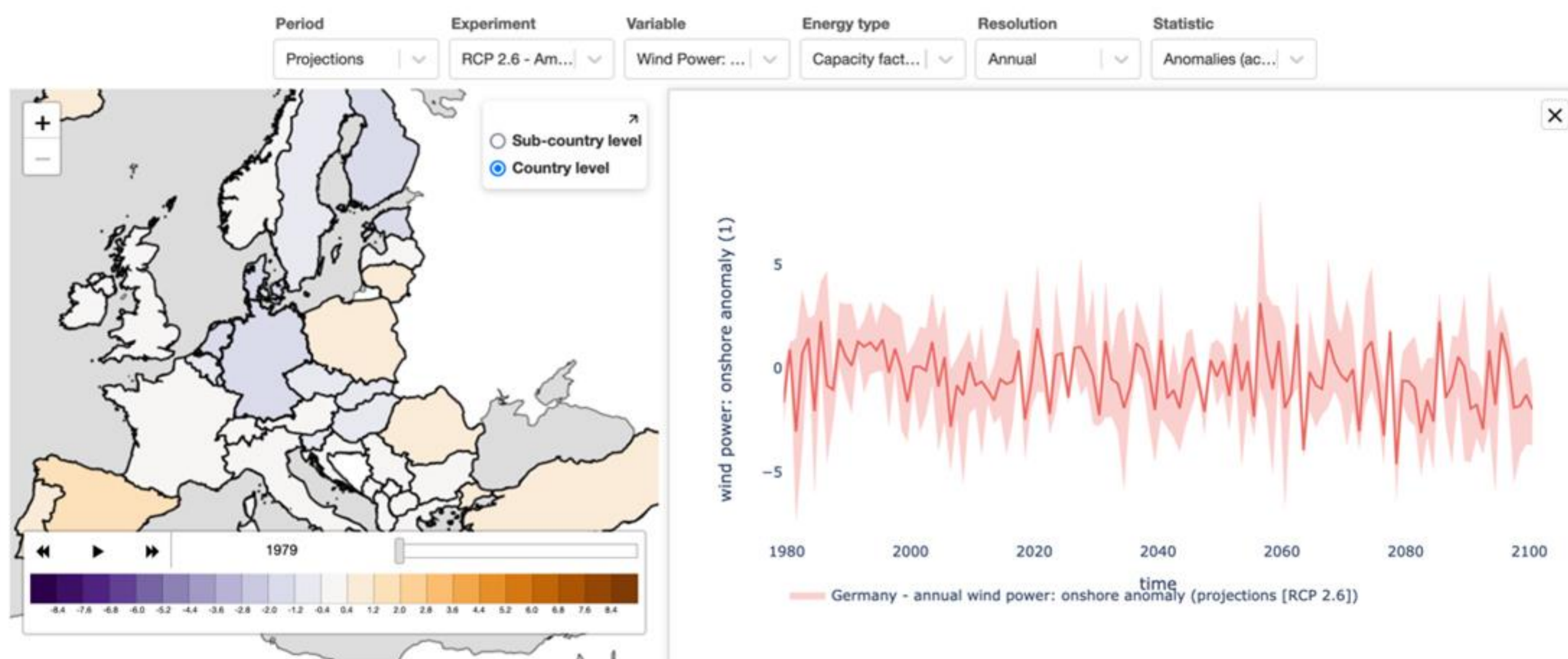
- **Global energy data** availability, their collection and how to use them at their best for climate-energy conversion models
- **Energy indicators** to be developed as part of the C3S Enhanced Energy operational system
- The **use of climate and energy projections for ENTSO-E's planning**

**For more information visit:**

[climate.copernicus.eu/operational-service-energy-sector](https://climate.copernicus.eu/operational-service-energy-sector)

## About the operational C3S Energy service

This C3S Enhanced Energy operational system will integrate, and guarantee continuation of operations from, the existing operational C3S Energy service. More specifically, it will develop and deliver extended and improved Energy and Climate datasets, building on the current European C3S Energy service, to cover the global domain.



**You are invited to contribute to the  
C3S Energy Service conversation!**

**Join us at 13:30 – 17:30 CET**

## Agenda – 26 June 2023

<b>Copernicus Climate Change Service (C3S) ENERGY SEMINAR</b> <b>13:30 - 17:30</b> <b>Monday 26 JUNE 2023</b>	
13:30 – 13:45	<b>C3S Enhanced Operational Services for the Energy Sector</b> <b>Introduction</b> <i>Alberto Troccoli (ICS/WEMC)</i>
13:45 - 14:00	<b>Copernicus Climate Change Service (C3S)</b> <i>Samuel Almond (ECMWF), remote</i>
14:00 - 15:30	<b>C3S Enhanced Operational Global Service for the Energy Sector – Global</b>
14:00-14:15	<b>Climate Data and Bias Adjustment</b> <i>Letizia Lusito (ICS)</i>
14:15-14:30	<b>Global Energy Data</b> <i>Elena Restivo (ICS)</i>
14:30-14:45	<b>Global Solar PV Indicator</b> <i>Rodrigo Amaro e Silva (ARMINES)</i> <i>Yves-Marie Saint-Drenan (ARMINES), remote</i>
14:45 – 15:00	<b>Global Electricity Demand Indicator</b> <i>Sylvie Parey (EDF)</i>
15:00-15:30	<b>Q&amp;A and discussion</b>
15:30 – 16:00	<b>Coffee Break</b>

## Agenda – 26 June 2023

<b>Copernicus Climate Change Service (C3S) ENERGY SEMINAR</b> <b>13:30 - 17:30</b> <b>Monday 26 JUNE 2023</b>	
16:00 - 17:30	<b>C3S Enhanced Operational European Service in Support to ENTSO-E</b>
16:00 - 16:15	<b>Introduction to the requirements for the ENTSO-E's Pan-European Climate Database</b> <i>Ilaria Federici (ENTSOE)</i>
16:15 - 16:30	<b>European Hydropower Indicators for the PECD</b> <i>Giovanni Aldrigo (ICS)</i>
16:30 - 16:45	<b>European Wind Power Indicators for the PECD</b> <i>Matti Juhani Koivisto (DTU), remote (TBC)</i>
16:45 - 17:00	<b>European Solar Power Indicators for the PECD</b> <i>Rodrigo Amaro e Silva (ARMINES)</i> <i>Yves-Marie Saint-Drenan (ARMINES), remote</i>
17:00 - 17:25	<b>Q&amp;A and discussion</b>
17:25 - 17:30	<b>Summary, next steps and closing</b> <i>Alberto Troccoli (ICS/WEMC)</i>

The sessions are part of the following projects

## **C3S Enhanced Operational Global Service for the Energy Sector – Global**



## **C3S Enhanced Operational European Service in Support to ENTSO-E**



**Join the conversation:**

Ask your questions directly to the speakers during  
the interactive Q&A session



PROGRAMME OF  
THE EUROPEAN UNION



IMPLEMENTED BY  
 **ECMWF**

