

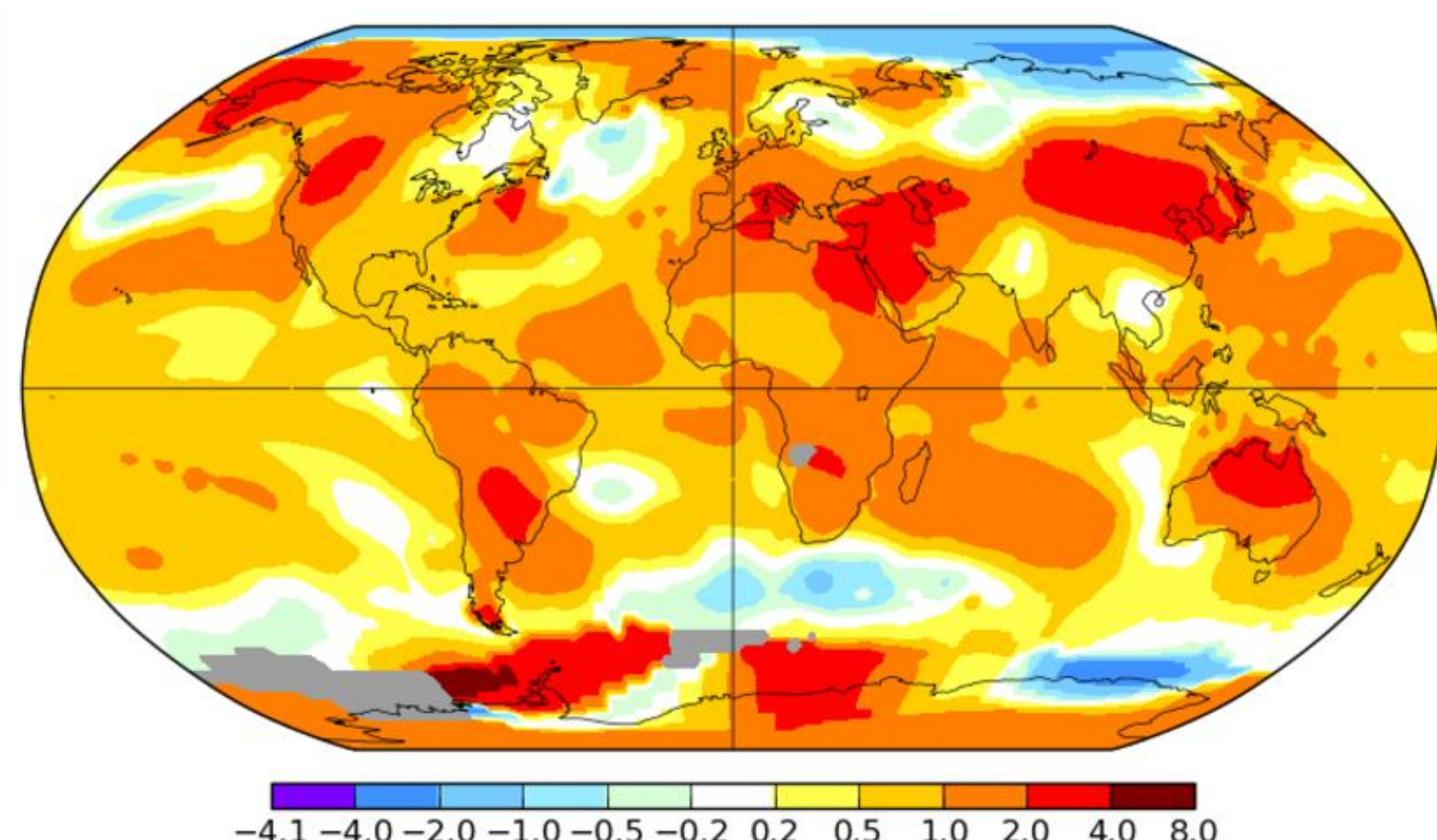
# The Copernicus Climate Change Service Evaluation and Quality Control framework

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## Copernicus Services

The Copernicus Climate Change Service (C3S) is one of six services provided by Copernicus to inform primarily policy makers and public authorities on environmental information.

Surface air temperature anomaly (°C) in July 2017 relative to 1951-1980 average<sup>1</sup>



### C3S Objective:

- Provide **reliable** information about the current, past and future state of climate through the Climate Data Store (CDS) which will help support **adaption** and **mitigation** of climate change

Observations

Climate reanalysis

Seasonal forecasts

Climate projections

## Climate Change Service

### Climate Data Store

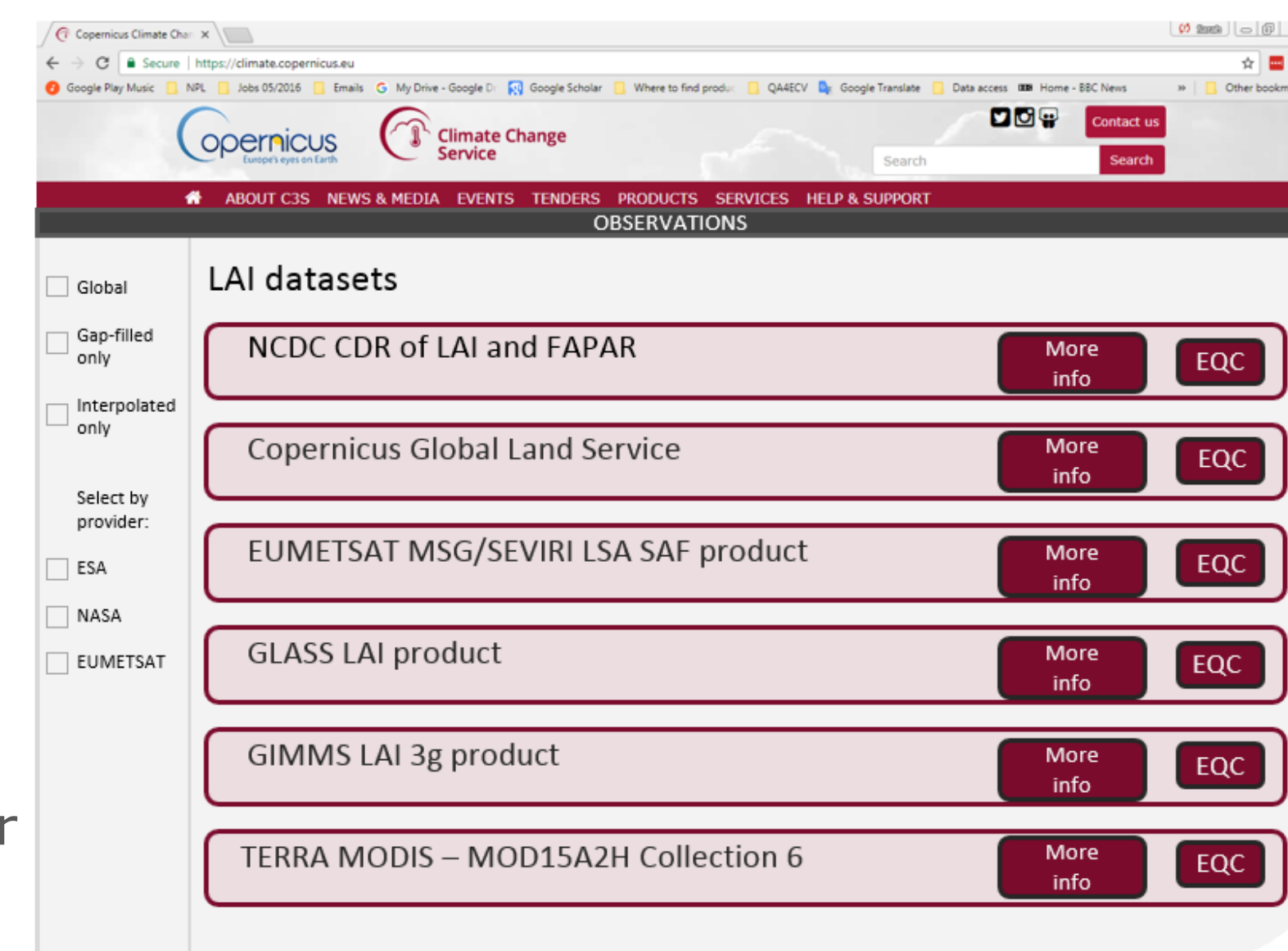
The climate data store is a database providing access and geophysical information for a large number of currently available datasets of essential climate variables (ECVs)<sup>3</sup>

It will include data from observations, climate reanalysis, seasonal forecasts and climate projections

The EQC section of the climate data store will provide an assessment of **technical performance** and **scientific quality** of datasets

The EQC will present relevant quality information for a variety of scientific abilities so that individuals can judge the applicability of various datasets for their specific application

ECVs



### Are you a potential user?

We currently have a user survey asking potential users what they would want from the service. It has examples of our ideas and room for you to write yours. Please go to the link below<sup>4</sup> or use the QR code

## Evaluation and Quality Control for Observations

**Aim:** Provide guidance for how to assess and present quality information for data derived from observations (from both satellite and in situ measures)

