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## **Seasonal forecast data and information: the providers' perspective from the Copernicus Climate Change Service**

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The Copernicus Climate Change Service (C3S), implemented by ECMWF on behalf of the European Union, has developed a seasonal forecast component which has now reached operational status. Based on a multi-system framework, this component of the service offers data previously not widely available, and has proven very popular with users. In addition to a large volume and variety of seasonal forecast data, C3S also offers users examples of information derived from such data, including multi-system combination forecasts.

This presentation will describe the set up of the C3S multi-system and the scope of the resulting data base, as well as of the set of example products issued as part of the operational service. Challenges related to verification and calibration of products and of combination of data from multiple sources will be described from a producer's perspective, setting the scene for a comparison with the user perspective addressed by the presentation following in the programme of the event.

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