



A Climate Information Portal for Copernicus: a central portal for European climate services?

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The FP7 project “Climate Information Portal for Copernicus” (CLIPC) is developing a demonstration portal for the Copernicus Climate Change Service (C3S). This project is one of a suite of FP7 research activities which are administratively independent of Copernicus, focussed on creating the technical and scientific building blocks needed for the service. It is to be expected that at EGU 2015 there will be many presentations describing portals delivering new and innovative ranges of services. It would be unwise to seek to replace all this creative activity with a single portal – instead CLIPC is designing a portal to make distributed resources more accessible through flexible discovery systems. CLIPC needs to deliver more than a directory of resources: resources need to be presented in common protocols so that users can access multiple datasets.

More information about the project objectives is available at www.clipc.eu. The gulf between the climate science communities and the end user communities is a central challenge being addressed in the project. It is important to understand that there is significant diversity and multiple communication barriers within these two sets of communities as well as between them. The CLIPC services must presentation will provide a review of progress towards this ambitious goal, through a discussion of user requirements activities, an overview of the proposed architecture, work on assessing and adjusting model biases, and a discussion of the climate impact indicators which will be provided through the portal.

When looking at the usability of data for the various users, CLIPC will implement a set of services functioning as a “knowledge base” supplying information to users about the data, including definitions of terminology used, quality of datasets, versioning, and user annotations.