

CLimate Information Platform for Copernicus (CLIPC) ***[SPA.2013.1.1-04]***

The CLimate Information Platform for Copernicus (CLIPC) is a new European project starting in December 2013. The project is funded by the European Commission's 7th Framework Programme for three years (grant agreement number 607418). The overall aim of this project is to provide access to climate information of direct relevance to a wide variety of users, from scientists to policy makers and private sector decision makers. Information will include data from satellite and in-situ observations, climate models and re-analyses, transformed data products to enable impacts assessments and climate change impact indicators. The platform will complement existing GMES/Copernicus pre-operational components, but will focus on datasets which provide on climate variability on decadal to centennial time scales from observed and projected climate change impacts in Europe, and will provide a toolbox to generate, compare and rank key indicators.

The “one-stop-shop” platform will allow users to find answers to their questions related to climate and climate impacts data, and to ensure that the provenance of science and policy relevant data products is thoroughly documented. Clarity of provenance will be supported by providing access to intermediate data products. Documentation will include information on the technical quality of data, on metrics related to scientific quality, and on uncertainties in and limitations of the data. This ambitious issue implicates the analysis of ensembles of climate model projection for Europe. In addition a climate impacts toolkit will provide documentation on methods and data sources used to generate climate impact indicators. The toolkit will be made available for integration with Climate-ADAPT.