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## The LIFE MEDACC project will work in the tools to cope with climatic changes in Catalonia

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### Description

The main objective of the LIFE MEDACC project is to show that the use of preventive measures in the fields of agriculture, forest management, and water management, are useful adaptation tools to the impacts observed and foreseen regarding climatic changes in Catalonia. To achieve this, field practices will be carried out in agricultural and forest farms, comparing the results between farms with measures and farms with no measures. Furthermore, reservoir management models for climatic change scenarios will be created (water inflow to the basins, alternative resources, management of the demand, etc.). Field works and modeling will be carried out in three Catalan representative basins: the Muga, the Ter, and the Segre. Besides the monitoring and analysis of the data, the project also includes evolution indicators and validation of the results.

The LIFE MEDACC project is an excellent opportunity to share with the European Commission the advances made by Catalonia regarding their agreement to cope with the natural and/or anthropogenic climate conditions that will develop throughout this century, in the different socioeconomic sectors particularly the Catalan Strategy for Adapting to Climate Change (ESCACC), research and technological institutions. In the context of the current economic and financial crisis, this project in an ideal instrument to develop these studies, that otherwise would have no financing, ensuring this way the continuation of the policies planned by the Government of Catalonia against climatic changes.

The Catalan Office for Climate Change (OCCC) is responsible of the direction and coordination of the project, with the participation of three other associates: the Centre for Ecological Research and Forestry Applications (CREAF), the Institute for Research and Technology in Food and Agriculture (IRTA), and the Pyrenean Institute of Ecology (IPE, CSIC). The project will last five years (summer 2013-winter 2018) with a budget of 2,548,841 € and a contribution of 1,266,208 € from the European Commission.



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