



Towards a development of a Mediterranean Climate Services Network: lesson learnt and recommendations from CLIMRUN project

Alessandro Dell'Aquila (1), Clare Goodess (2), Paolo Michele Ruti (1), and the The CLIM-RUN Climate Expert Team and Stakeholder Expert Team

(1) ENEA, UTMEA-CLIM, UTMEA-CLIM, Rome, Italy (alessandro.dellaquila@enea.it), (2) University of East Anglia, Climatic Research University

During the closing stages of the CLIM-RUN EU FP7 project on Climate Local Information in the Mediterranean region Responding to User Needs, the real-world experiences encountered by the case-study teams were assessed and synthesised to identify examples of good practice and, in particular, to produce the CLIM-RUN protocol for the development of Mediterranean climate services. The specific case studies focused on renewable energy (Morocco, Spain, Croatia, Cyprus), tourism (Savoie, Tunisia, Croatia, Cyprus) and wild fires (Greece) as well as one cross-cutting case study (Veneto region).

A better application of climate information throughout several productive sectors needs to be facilitated. A simplified scheme, where the data providers (Met-services, research centres, etc) develop tailored products and dialogue directly with a large number of different types of users, does not fit with the large-scale diffusion of climate information into several societal niches. A more complex framework is needed, considering an intermediate layer between data providers and users, able to interact with both, to translate information and languages, to identify requirements and to trigger new perspectives.

The CLIM-RUN project aimed at developing a protocol for applying new methodologies and improved modeling and downscaling tools for the provision of climate information at regional to local scale that is relevant to and usable by different sectors of society (policymakers, industry, cities, etc). In this context, the main objective of the CLIM-RUN protocol is to support the envisioned bottom-up approach for the development of climate services and the transfer of improved climate information to stakeholders.

More precisely, the protocol is intended to support this bottom-up approach at two main levels:

1. the first aim of the protocol is to propose some methods and tools to be used to engage and communicate with stakeholders at the CLIM-RUN project level.
2. the second aim of the protocol is to propose a business model for the development of climate services at the Mediterranean level, based on the results of the bottom-up approach of the project.

Here we would like to discuss recommendations for the development of a Mediterranean-wide climate service network, and how the CLIM-RUN experience can provide some key elements.