Belmont Forum

E-INFRASTRUCTURES & DATA MANAGEMENT
Collaborative Research Action

ClimatEurope
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Scoping Workshop
November 28-29, 2016
ANR, Paris
Climateurope (http://www.climateurope.eu/) is:

- The continuation of the European Climate Observations and Modelling for Services (ECOMS) project
- A 5 years Call for System Action counting 11 partners from different European research and operational centers
- The Europe-wide network for researchers, suppliers and users of climate information
- A place to share best practices, gaps and recommendations and discover the state of the art about climate observations, modelling infrastructures and services
- An opportunity to actively interact with users and suppliers of climate information
Climateurope is a knowledge portal offering state-of-the-art descriptions for:

- Earth system modelling outputs
- Earth observations
- Climate services products

for both data and metadata, building upon existing glossaries, contact points and organizations.

The knowledge is collected through various resources, like the organisation of “climate festivals” with lectures, discussions, networking and performances to explore the state-of-the-art of climate information, and its uses and value in decision-making at both the European and national levels.

Some examples of databases “encapsulated” by Climateurope are:

- European Climate Assessment & Dataset (ECA&D), Climate Explorer, Datasets Climatic Research Unit, WMO, ... (Climate Observations)
- ENES, CMIP6, Climat4impact, CLIPC, ESGF (Earth System Modeling)
E-INFRASTRUCTURE AND DATA MANAGEMENT

ISSUES

• Climateurope considers many different and heterogeneous data types and levels of expertise:
  • Model and observation data (scientific users)
  • Websites, portals and other sources with meta-information (general public, stakeholders)
  • Post-processed information, reports and services (stakeholders)

• Open access is an issue especially for the use of both weather observations and climate forecasts, although the advent of the Copernicus programme might solve some of these difficulties
EXPECTATIONS FROM E-I&DM CALL

• Raise awareness and interest for data issues at large (not just numerical values, but also metadata, provenance, meta-information, etc)

• Establish both general purpose/cross communities and community specific data management policies to improve awareness and foster communication.

• ClimatEurope can help creating bridges between data providers, e-infrastructures managers and “real users” (from climate services)