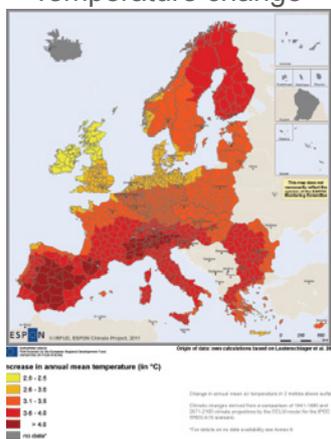


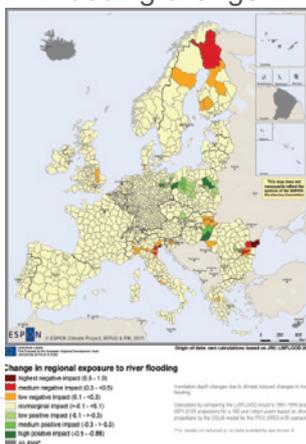
Climate Information Platform for Copernicus (CLIPC)

Helping Europe respond to the impact of climate change
www.clipc.eu

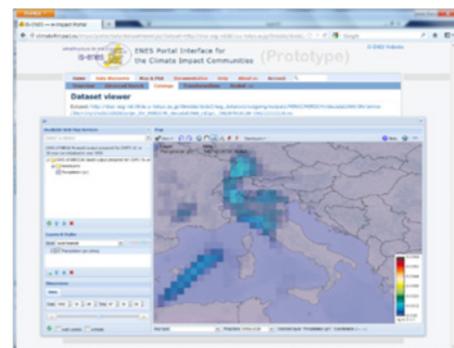
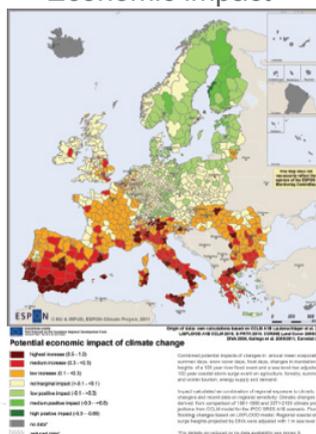
Temperature change



Flooding change

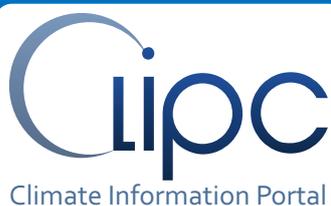


Economic impact



European Observation Network, Territorial Development and Cohesion (www.espon.eu/)

ENES portal for the Climate Impacts Communities (www.climate4impact.eu/)





Climate Information Portal

A Climate Information Portal for:



CLIPC at a glance:

Start: 1st December, 2013
Duration: 36 months
Lead: STFC (www.stfc.ac.uk)
Web: www.clipc.eu
Budget: €6million
Lead group: Centre for Environmental Data Archival (www.ceda.ac.uk)
PI: Martin Jukes
FP7 id: 607418
Collaborative Project
SPA.2013.1.1-04:
Provision of access to simulated and observed climate datasets and climate indicator toolbox

Partners:

UK
STFC
Magellium Ltd.
University of Reading
UK Met Office
British Oceanographic Data Centre
Netherlands:
Dutch Met Office
Alterra
Maris
Germany:
TU Dortmund University
Potsdam Inst. for Climate
Climate Service Centre
France:
IPSL
CERFACS
TEC
Finland
Met Office
Environment Agency (SYKE)
Sweden
SMHI
Linköping University
Norway
Met Office
Italy
CMCC
Spain
University of Barcelona
International
Joint Research Centre

About CLIPC

Climate change is impacting the environment, society and policy decisions. Information about climate change is available from many sources, but not all of them are reliable. The CLIPC project is developing a portal to provide a single point of access for authoritative scientific information on climate change. This ambitious objective is made possible through the Copernicus Earth Observation Programme for Europe, which will deliver a new generation of environmental measurements of climate quality.

The data about the physical environment which is used to inform climate change policy and adaptation measures comes from several categories: satellite measurements, terrestrial observing systems, model projections and simulations and from re-analyses (syntheses of all available observations constrained with numerical weather prediction systems). These data categories are managed by different communities: CLIPC will provide a single point of access for the whole range of data. Information on data value and limitations will be provided as part of a knowledge base of authoritative climate information.

Indicators of climate change and climate change impact will be provided, and a toolkit to update and post process the collection of indicators will be integrated into the portal.

CLIPC will have two interlocked themes:

1. Harmonised access to climate datasets derived from models, observations and re-analyses
2. A climate impact toolkit to evaluate, rank and aggregate indicators



Tier 1: field summarising properties of the climate system; e.g. temperature change.
Tier 2: expressed in terms of environmental properties outside the climate system; e.g. flooding change.
Tier 3: expressed in social and economic terms; e.g. economic impact



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