WP4 Facilitating downstream services

- T4.1 – Establishing data services (ECMWF, KNMI)

  MARS archiving of reanalysis data in common format at ECMWF is ongoing.

  First focus on EURO4M 2008/9 for use in WP3, then subset of UERRA data (D4.1, Month 48)

  WIKI inventory prepared for all datasets to be archived at ECMWF

WP4 Facilitating downstream services

- T4.1 – Establishing data services (ECMWF, KNMI)

  Telecon held with CLIPC last week

  INSPIRE compliant data dissemination plan (D4.2, Month 12) is delayed until April 2015; will link to CLIPC data architecture plan

  MARS connection to ESGF is being established within CLIPC;
  ESGF nodes set up at STFC, KNMI, NSC/SMHI, etc.
  UERRA promised to make at least one dataset available through ESGF (D4.4, Month 36)

  UERRA/CLIPC approach is ready for future C3S climate data store

WP4 Facilitating downstream services

- T4.1 – Establishing data services (ECMWF, KNMI)

  Data portal prototype is ready (D4.3, Month 12) using ECMWF Web API framework

  Data visualisation prototype (http://euro4mvis.knmi.nl/) developed in EURO4M has been extended (D4.3)

  Demonstrated that ECMWF-MARS data at their WMS server can be added seamlessly

Adaguc autowms - Mozilla Firefox

Citrix Receiver | Adaguc autowms

euro4mvis.knmi.nl/mapeditor/autowms.php?dir=//Demo/05_E-OBS/..

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EUROPEAN REANALYSIS AND OBSERVATIONS FOR MONITORING

Tracking changes in European climate

Storage and visualization

File: /Demo/

- ../
- 01 EURO4M-APGD/
- 02 ECAD/
- 05 E-OBS/
- 06 CRU-UEA/
- 08 HOAPS-GPCC/
- 09 SIS/
- 10 ATOVS/
- 13 4D-VAR-Metoffice/
- 14 3D-VAR-SMHI/

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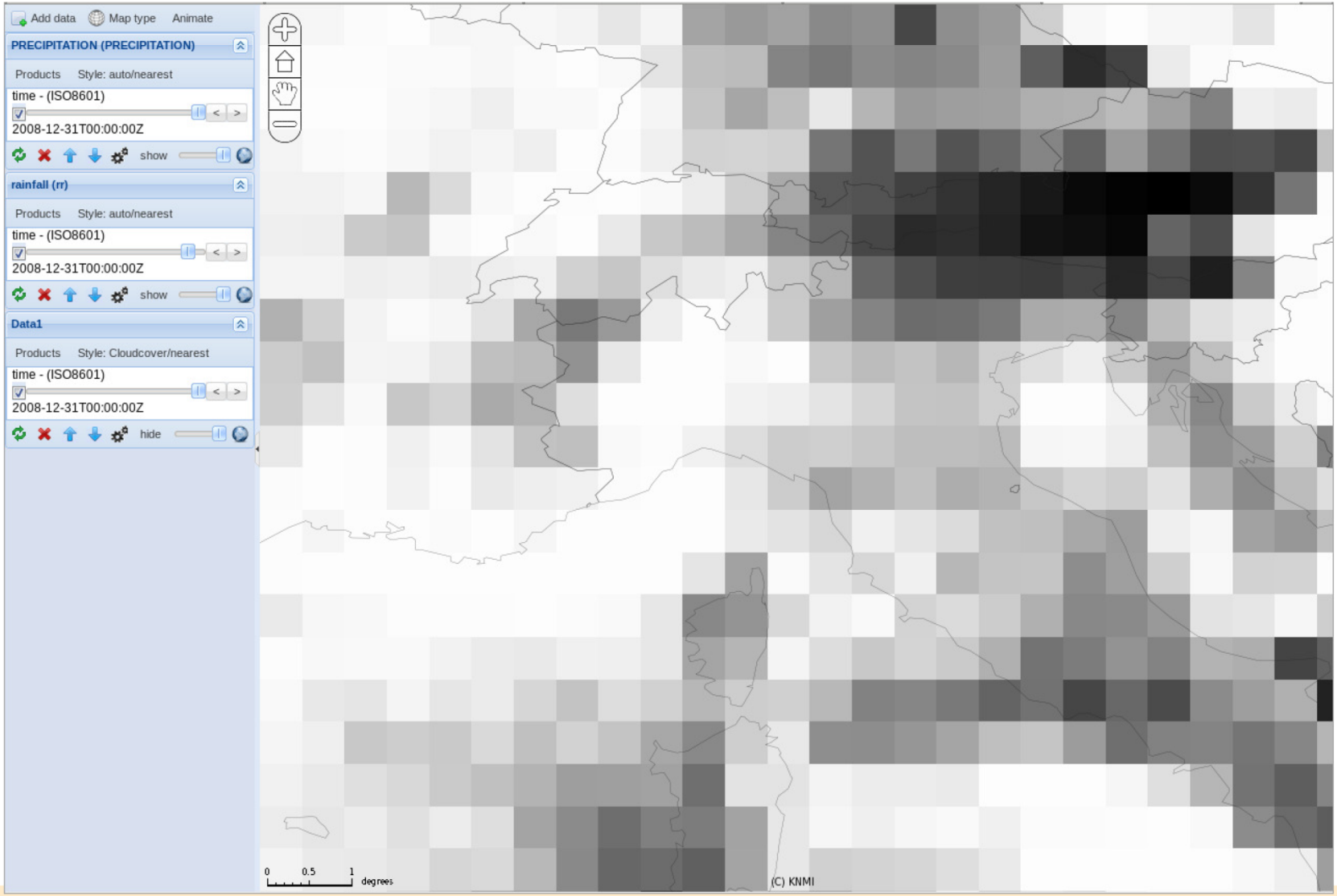
Precipitation



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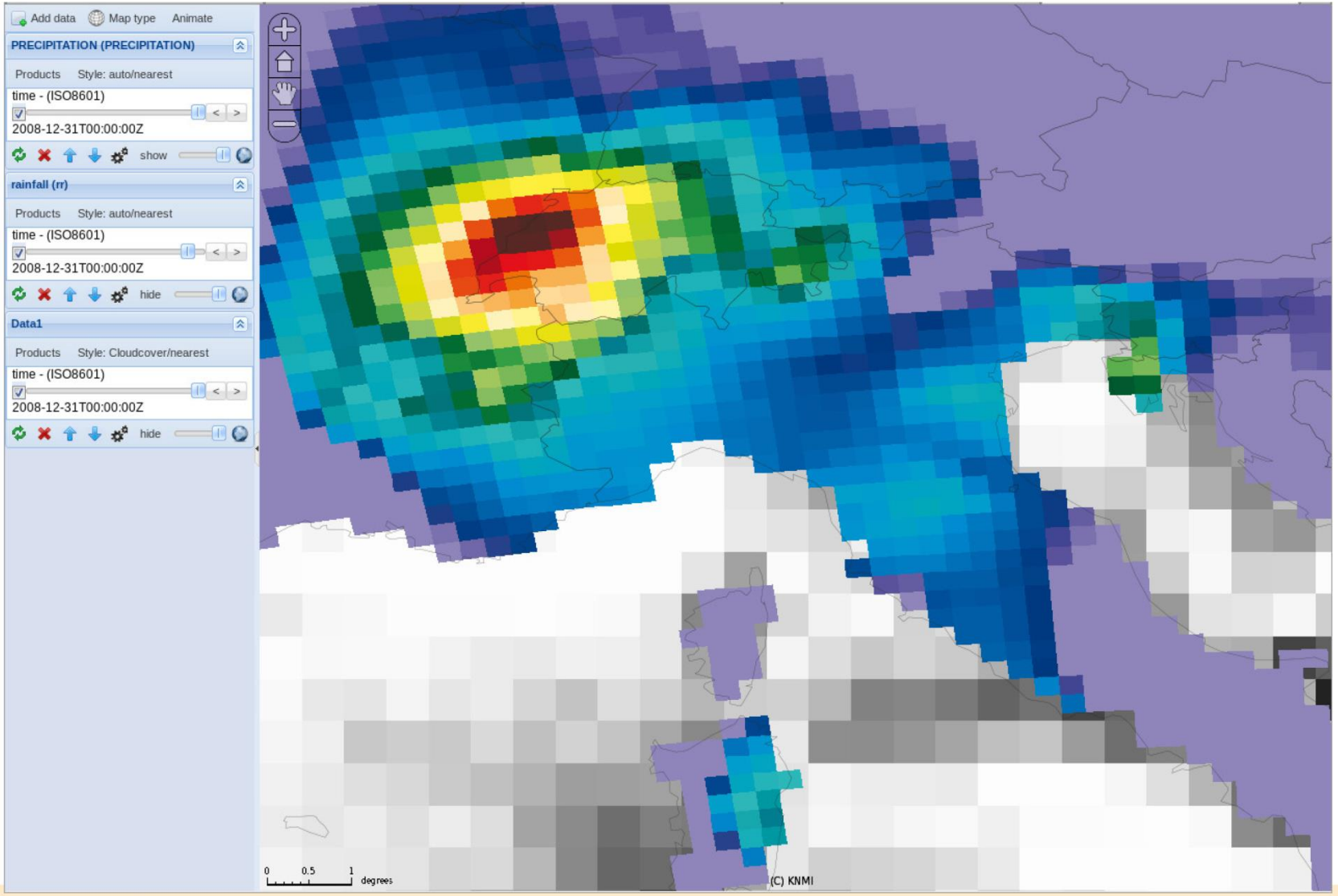

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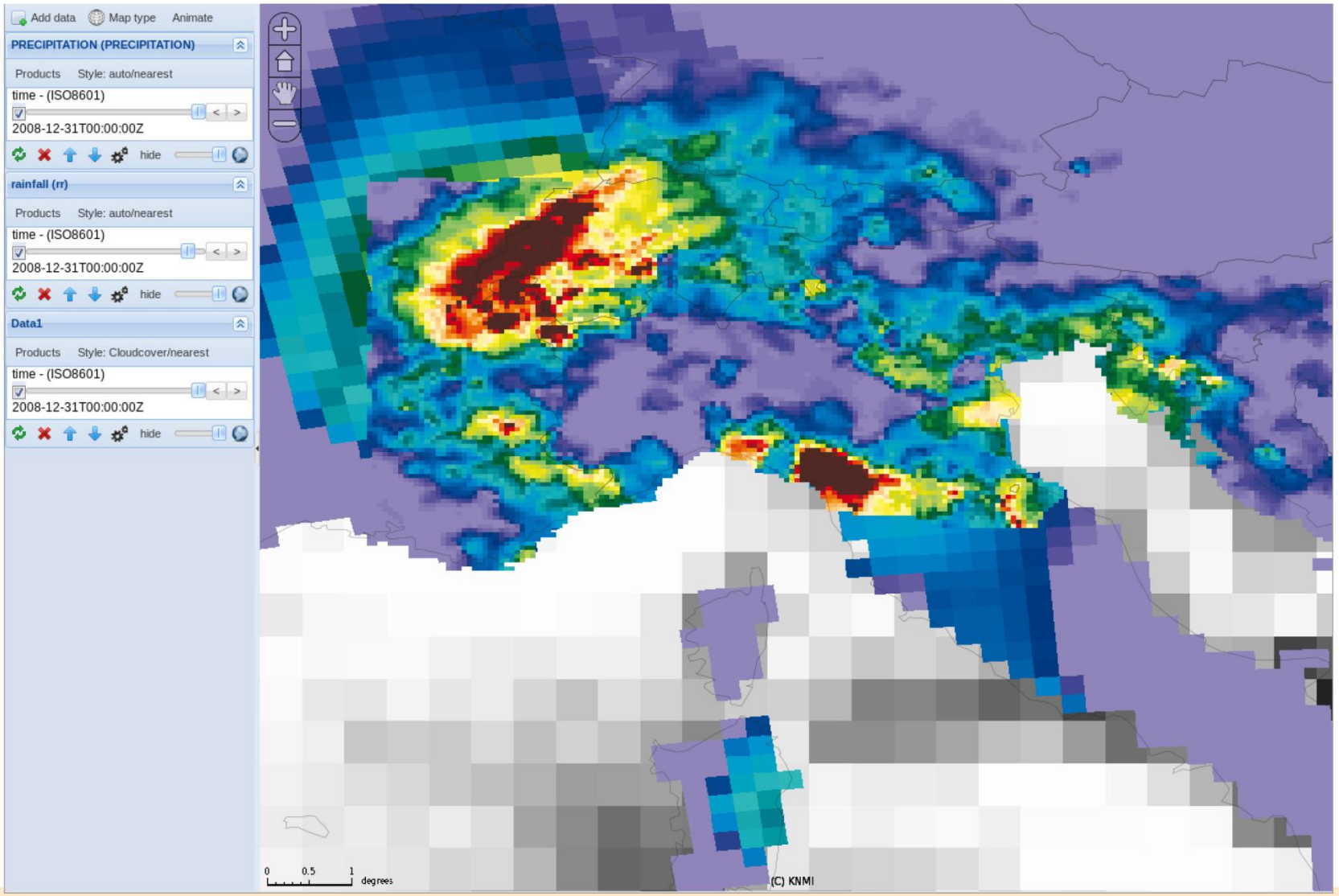
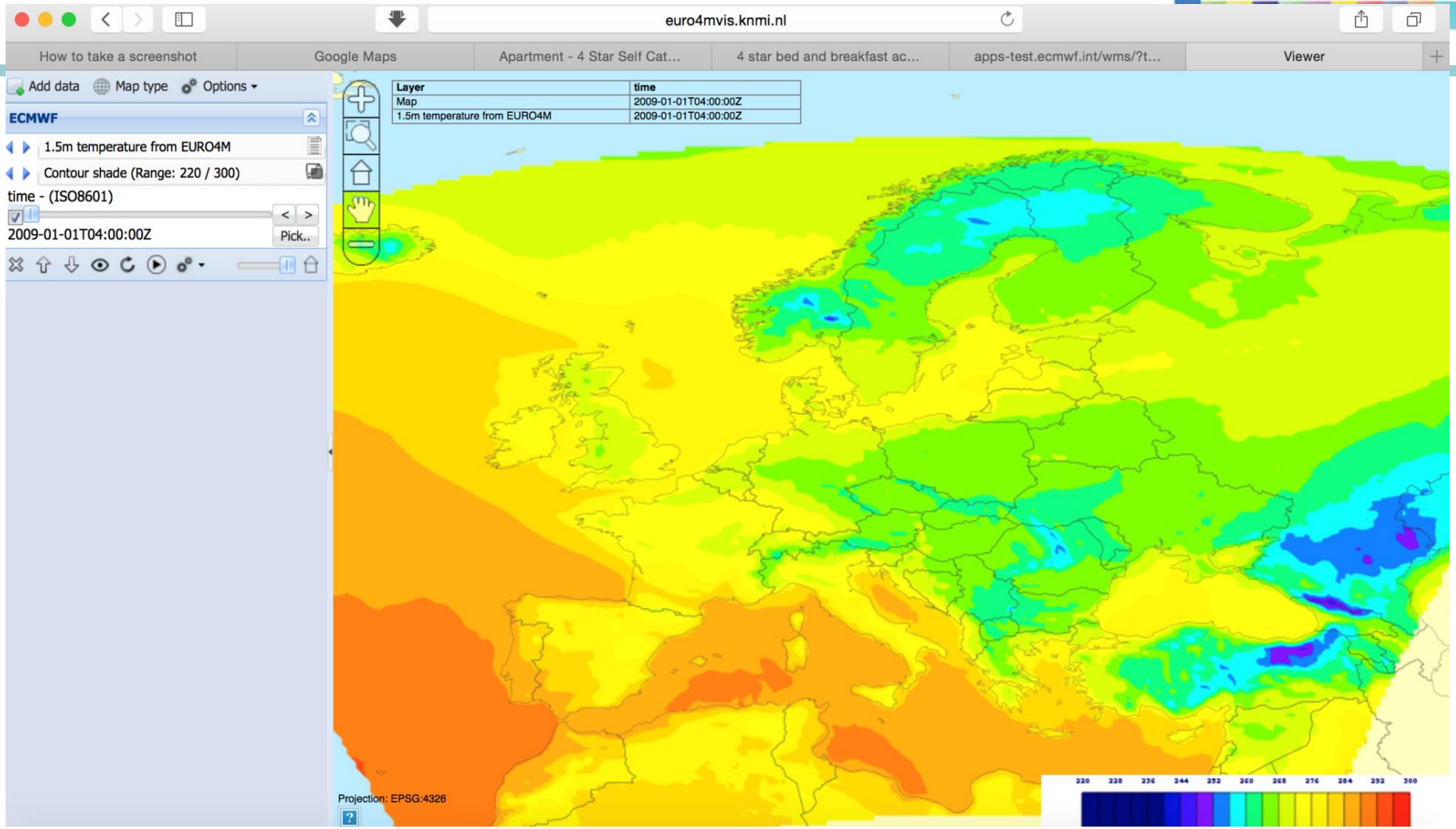


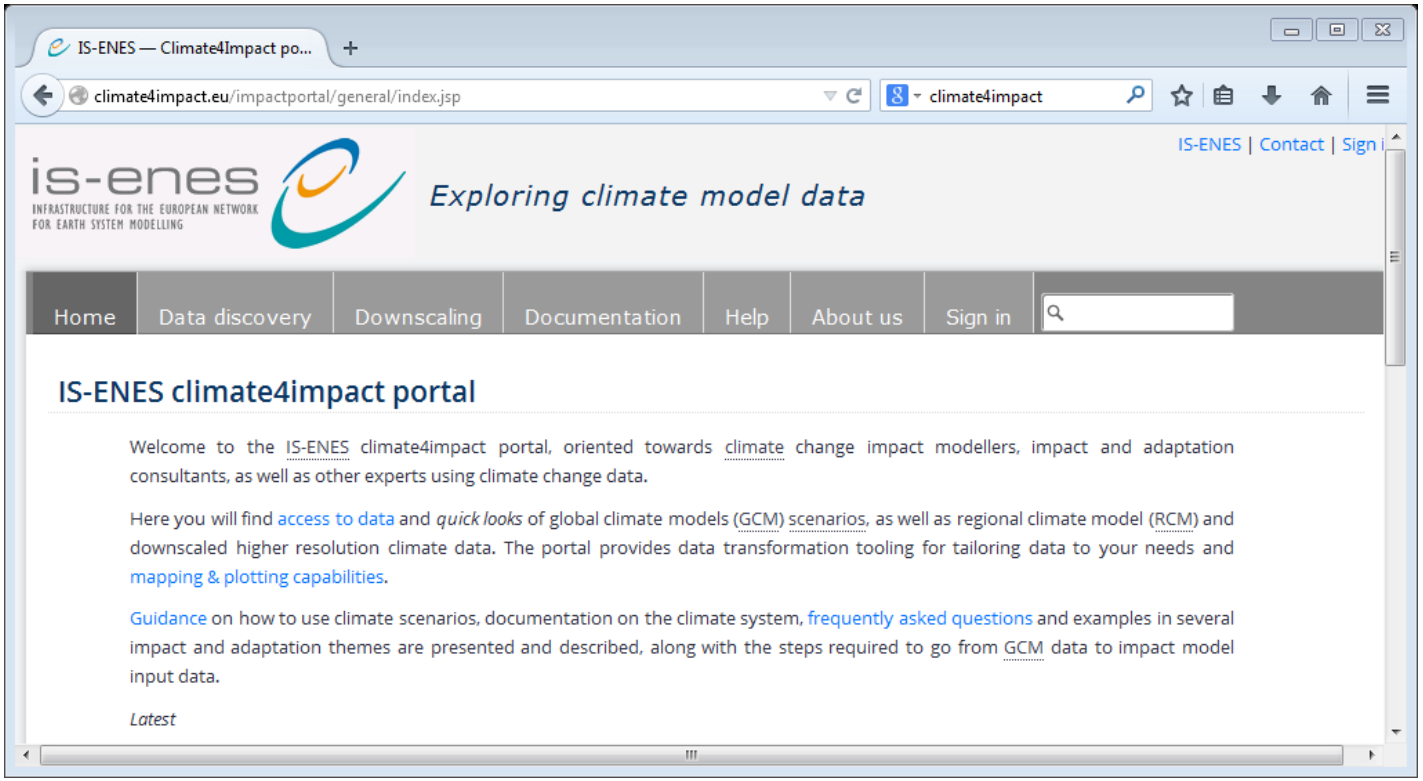
UERRA
Uncertainties in Ensembles of Regional ReAnalyses



RESEARCH EXECUTIVE AGENCY

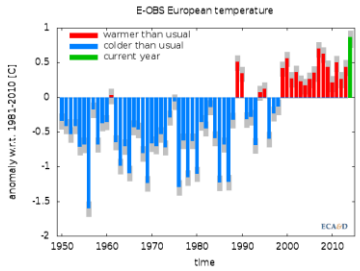
WP4 Facilitating downstream services

Same data visualisation tool is also used in IS-ENES2 and CLIPC



WP4 Facilitating downstream services

- T4.2 – User-oriented products (KNMI, SMHI, MF)



Climate indicator bulletin (updated 19 Jan 2015)

http://cib.knmi.nl/mediawiki/index.php/2014_warmest_year_on_record_in_Europe

Indices calculated for gridded data; first tests with E-OBS (together with EUPORIAS project); reanalysis data will follow (D4.5, Month 48)

Hydrological downstream modelling using 20YR EURO4M data (D4.6)