

IS-ENES3 Milestone M6.1

ENES ESG resources updated

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ABSTRACT

The ENES Portal (<https://portal.enes.org>) pages about European ESGs were updated with respect to CMIP6 version of the models. The substructure for Models and Tools on the Portal and the actual model pages were redesigned from scratch.



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Table of Contents

1. Objectives.....	2
2. Description of work: Methodology and Results.....	2
3. Difficulties overcome.....	3

1. Objectives

- Provide access to up-to-date information about European ESMs and modeling groups
- Provide link between European ESMs and IS-ENES3 services on ESMs
- Provide contact information for European ESMs
- Provide link to detailed model documentation at ES-DOC (where applicable)

2. Description of work: Methodology and Results

The individual web pages about the European ESMs have been updated for:

- the CMCC-CESM2 model of CMCC
- the CNRM-CM5 model of CNRM-CERFACS
- the CNRM-CM6-1 and ESM2-1 models of CNRM-CERFACS
- the CNRM-ESM model of CNRM-CERFACS
- the EC-Earth3 model of the EC-Earth consortium
- the IPSL-CM6 model of IPSL
- the MPI-ESM model of the MPI-M
- the NorESM2 model of NCC
- the UKESM model of NERC and the UK Met Office

All model pages have been provided with web site, contact information, the IS-ENES3 service level, and a short model description, including the main model components. Where applicable, a short description of the modeling group has been added as well.

Whenever model documentation at ES-DOC (<http://documentation.es-doc.org/cmip6>) was available for a particular ESM, links were added for the CMIP6 versions. When that information was not available, it is indicated on the ENES Portal model pages.

Where applicable, information about previous model versions, particularly CMIP5 versions, was maintained on the model pages.

The overview pages for all European ESMs were updated accordingly.

3. Difficulties overcome

The ENES Portal content management system (Plone) is currently used in an outdated version.

This complicated somewhat the editing steps needed to update the pages.

Furthermore, the structure chosen for the pages in IS-ENES2 proved to be too static for the integration of CMIP6 model information. It was therefore decided to re-implement the model and overview pages from scratch, which added a substantial amount of work.