

## Digital Single Market

Report / Study5 March 2014

# High Performance Computing for climate modelling and simulation

## Agenda

Thursday, 27th February 2014: 10h00 – 16h00  
Room 0/S5, BU 25, Avenue de Beaulieu 25, B-1160 Brussels

Coffee and registration at 09.30

10:00 – 10:15 Welcome and scene setter, Thierry Van der Pyl, Director, Excellence in Science, DG ONNECT, European Commission

10:15 – 11.00 HPC strategy and implementation - Opportunities and challenges in Horizon 2020:

- HPC Centre of Excellence, [Anyian Varghese](#) [1]
- HPC Exascale / HPC Public Private Partnership, [Leonardo Flores Añover](#) [2]
- Climate activities in RTD: [Andrea Tilche](#) [3]

11:00-12:30 Short interventions (round table):

- Requirements: Climate modelling and simulation / Weather forecast
- HPC technology provision and acces
- Co-design
- Software development
- Data management (including reuse of data, and data value chain)
- Training and skill development
- Networking, critical mass and sharing across EU
- Key stakeholders, potential impact and value creation

12:30 - 13:45 Networking Lunch

13:45 – 14:30 Short interventions (round table): continued

14:30 – 15:30 Discussions

15:30 – 16:00 [Synthesis and conclusions](#) [4]

Key Participants ([profile and photo](#) [5]) and presentations:

- [Giovanni Aloisio](#) [6]- U.Salento & CMCC, EESI coord weather/climate
- [Jose Baldasano](#) [7]- ETP member and the head of the BSC's Earth Sciences Dpt.
- [Peter Bauer](#) [8]- ECMWF, Head of Modelling
- [Andy Brown](#) [9]- Director of Science at the MET Office
- [Reinhard Budich](#) [10]- Max Planck Institute of Metrology
- [Milan Dacic](#) [11]- RMHSS-SEVCCC, Director
- [Francisco Doblas-Reyes](#) [12]- IC3, Director
- [Marie-Claire Greening](#) [13]- European Space Agency
- [Sylvie Joussaume](#) [14]- IPSL, IS-ENES coordinator
- [Bryan Lawrance](#) [15]- NCAS Model and data, Director
- [Antonio Navarra](#) [16]- CMCC, Director
- [Serge Planton](#) [17]- Head of Climate Modelling Group, Meteo France
- [Stephan Requena](#) [18]- Director of the Board of PRACE
- [Markku Rummukainen](#) [19]- Lund University, coordinator swedish climate modelling platform
- [Julian Wilson](#) [20]- JRC-IES - ISPRA

[Participants list](#) [21]

Organiser and moderator: Aniyam Varghese

Contact

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- [22] <mailto:>