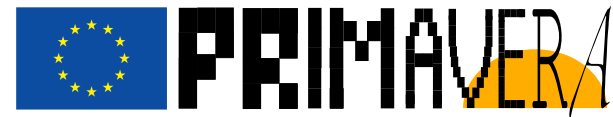


# WP 4

Jointly with WP6 morning  
WP1, 2, 9 afternoon

Malcolm Roberts  
Jin-Song von Storch

Co-funded by  
the European Union



# Science issues (A)

- Stochastic physics
  - Run separate components (e.g. atmos, land) independently, or
  - Run ensemble with stochastic in all components
  - Potential comparison – if ensemble lies outside low-high resolution runs or other metrics?
- Model spinup
  - Check a variety of indicators (e.g. soil moisture, AMOC) as well as SST when testing

# Science issues (B)

- Eddy-resolving and unstructured mesh models
  - Making progress, ready during 2017
  - Though issues with HPC may become an issue as CMIP6 starts

# Technical issues

- Resources prioritise WP6 simulations
  - Eddy-resolving coupled models will follow after
- Model development continues
  - Perhaps we should add another milestone mid-2017 to make sure that we are on target

# Timescales

- Next deliverable M34
- Models and HPC dependent on Stream 1
- Need to take care that we stay on track with long timescales
  - Should we have intermediate milestone

# External science interactions

- CLIVAR groups
  - Talk with WP2 and others to figure out who should interact with each CLIVAR proposal
- Other meetings?
- Should we organise a EGU session
  - As PRIMAVERA or as separate pieces of work?

# Deliverables and Milestones over the next year

- Please note here all the Deliverables and Milestones that (i) you contribute to and, (ii) that you lead on delivery
- Note whether a delay is anticipated, and if so how much