The EC-Earth consortium

**EC-Earth** =
ECMWF S4
NEMO3.6
LIM3
TM5
LPJ-Guess
PISCES (test phase)
COSP

2014: ESM technically running
Early 2015: consolidation, portability
Mid 2015: tuning
DECK-simulations

• **GCM-only**: all runs will be possible (distributed effort)

• **Full ESM/passive carbon**: depending on timing of exp, and stability of model

• **Interactive carbon cycle**: ocean biogeochem not mature at this stage
EC-Earth interest in MIPs

- **Systematic errors**
  - HiRESMIP (dep. on H2020 PRIMAVERA)
  - OCMIP

- **Forcing**
  - AerchemMIP (dep. on H2020 CRESCENDO)
  - LUMIP
  - CFMIP & RFMIP (dep. on H2020 IMPULSE)
  - LS3MIP (dep. on Marie Curie fellowship)
  - PMIP
  - ISMIP6*
  - GEOMIP*

- **Scenario**
  - ScenarioMIP
  - S2DMIP

* = not listed in inventory
Infrastructure and resources

- Technical working group and CMIP6 coordination in place
- Multi-group effort
  - many MIPs are interesting to the group...
  - ... but staff, scientific interest & “technical readiness” varies over consortium
- Efficient CMOR-izing and ESGF config have priority