

MPI für Meteorologie

HPC technology provision and access

- DKRZ (Tier1) is our major partner, Tier0 access a necessity
 - prepare NG code, S2D, resolution

Co-design

- Where is the industry?
 - We cooperate with DKRZ, DWD, ETH/CSCS, ENES

Software development

- See above.
 - We spend about 50% of the budget@DKRZ in scientific programmers & SW engineering
 - We propose to strongly research possibilities of common libraries for undisputed process modules

Data management (including reuse of data, and data value chain)

- DLCM increasingly important
 - major area of investment, even stronger collaboration with DKRZ

Training and skill development

- Large PhD program, summer schools, involvement with UNI-HH/Klimacampus

Networking, critical mass and sharing across EU

- Active member in ENES, EC FP7 and H2020 projects (sci and IS)
 - Networking needs more attention, QoS?, discussion with GEANT started

Key stakeholders, potential impact and value creation

- ENES, DKK, MPG, coop with DWD, all large modeling centers for IS