



EUROPEAN HIGH PERFORMANCE COMPUTING JOINT UNDERTAKING

Summary of the first meeting of the Research and Innovation Advisory Group of the European High Performance Computing (EuroHPC) Joint Undertaking

Friday, 1st of March 2019, Brussels

The meeting opened with a welcome address by Gustav Kalbe, EuroHPC interim Executive Director and all meeting participants introduced themselves.

The state of play of the EuroHPC Joint Undertaking was presented and the mandate of the RIAG was reviewed: in the short term, it is to prepare the strategic agenda that will inform the EuroHPC work plan. In the long term, it is to prepare the input to the EuroHPC JU's R&I activities planned to be funded under Horizon Europe. Participants acknowledged a good balance between the different priorities in the first draft of the strategic agenda.

The group discussed the uptake of technologies funded in calls planned under EuroHPC by a wider user base, especially in industry, to achieve greater impact and sustainability. New emerging trends in ML and AI potentially able to bridge with industry needs should be considered. It was proposed that RIAG and INFRAG should jointly define better the exascale challenge in terms of energy sustainability and application performance.

The draft rules of procedure for the group were discussed, in particular the participation of observers, delegation to other members and the interpretation of the conflict of interest.

Guest speakers presented the outcome of the two Exascale roadmap workshops. Questions about the role of co-design in EPI and pilots, the choice of architectures in pilots, risk management in the timeline and the presence of frameworks for AI were addressed.

The EC presented the work done on CoEs and Competence Centres. In the discussion following the presentations, it was pointed out that differences between CoEs should be considered as they operate with different communities, making for instance a common approach to SMEs difficult. The group expressed also the need to clarify how all these different initiatives should integrate without overlaps, for instance with PRACE Shape and trainings, national initiatives, etc.

One of the tasks of the RIAG is to structure its consultations and set up working groups to consult with the wider stakeholder community in Europe about the priorities, needs, etc. while the ETP4HPC and BDVA will continue to provide input as private associations. The RIAG can also request presentations from external stakeholders at meetings. For instance, the participants expressed the wish to receive periodic updates about the status of EPI as the project has a key part in the HPC strategy. The upcoming EuroHPC Summit Week in Poznan will be the first opportunity to engage with the community and the RIAG has a 90' BoF session for this purpose.