



European Commission DG CONNECT
Thomas Skordas

Date: 14 September 2018
File: e-IRGSP5-QtS
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e-Infrastructure Reflection Group on the development of EuroHPC

Dear Mr Skordas,

e-IRG has recently discussed the development of EuroHPC. As an independent advisory body composed of Member States and Associated Countries representatives, e-IRG is aiming at the efficient use of e-Infrastructures in Europe. Following the mandate of the group, e-IRG is focusing its efforts on providing reflections and advice that are aimed at fostering efficient use, coherent coordination and integration of national e-Infrastructures into a common European landscape of e-infrastructures. The current development towards the establishment of a Joint Undertaking to develop and procure the next generation of HPC infrastructure and related services in Europe is of great importance for the overall structure of the common e-Infrastructure landscape in the coming years. In line with this e-IRG is concerned about the impact the establishment of the EuroHPC JU can have on the common e-Infrastructure landscape in Europe and the mechanisms by which it will be integrated with existing European e-Infrastructures.

e-IRG would like to invite you to the upcoming delegates meeting on 19-20 November 2018 in Vienna (attached to the EOSC stakeholders forum event) to discuss the points we raise below concerning the development towards EuroHPC.

What are your views on how EuroHPC fits into the e-infrastructure Commons?

The overarching concern raised by e-IRG in this letter is how the existing and established e-infrastructures, such as PRACE, EUDAT and GÉANT fit into the European e-Infrastructure ecosystem once EuroHPC is established. We would kindly like to ask you to consider the questions posed below and to provide your reflections on these.

1. e-IRG considers that it is important that the PRACE services i.e. the peer review process based on scientific excellence, are adopted for the entire EuroHPC ecosystem (for both academia and industry). How will the Commission ensure or work towards the integration of such established and successful services into the EuroHPC ecosystem and make sure that resources are available to enable the best research?
2. e-IRG stresses the importance of implementing effective mechanisms for co-designing exascale software and hardware into the EuroHPC JU. How will the Commission ensure that efforts like the high-level support teams in the CoEs and PRACE are adopted and extended to European exascale technology development?
3. e-IRG strongly supports the Commons approach for e-Infrastructure management, which embraces an user involvement in the governance. How are the scientific users represented in EuroHPC? How can established mechanisms that work well in existing European e-Infrastructures be taken care of in the governance of EuroHPC?
4. e-IRG is a strong advocate for efficient use of e-Infrastructures and services. What are the objectives, including KPIs and metrics, by which the goals and the success of EuroHPC will be judged?

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5. e-IRG considers it is important that all EU MS and ACs have access to the resources and activities (e.g. training) of EuroHPC. How will EuroHPC support all European countries? What is the positioning towards AC?

e-IRG as a body representing the Member States and Associated Countries sees the benefits of its representation in the governance of the EuroHPC JU and thus would like to offer its contribution and participation in the Infrastructure Advisory Board of the EuroHPC JU.

sincerely yours,

Prof. Dr.-Ing. Gabriele von Voigt
e-IRG Chair

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