DeiC HPC Advisory Forum
Meeting 2024-2
12/12/2024 @ 13.00 – 14.30
Zoom: https://deic.zoom.us/j/68546292702?from=addon

Invited members and support:
- Members, present: Philippe Bonnet, Antonio Rago, Jens Vinge Nygaard, Helle Zinner Henriksen, Himanshu Khandelia, Lars Nondal, Piotr Jaroslaw Chmura, Rainer Bohm, Sven Karlsson, Søren Besenbacher, Thomas Schrøder.
- Members, absent (announced):
- Members, absent (not announced):
- Support: Eske Christiansen, Rune Gamborg Ørum

Minutes from last meeting

Minutes by: Rune Gamborg.

Item	Issue	Comments | Actions

1	**Information and approval of minutes from last meeting**
	Approval:
	    A. Minutes from meeting 2024-1
	
	General information items:
	    A. Thank you from the DeiC board on the work in 2024 on the strategic tasks	

2	**DeiCs board decisions on strategic goals in a 10-year period (15 min).** A short presentation of strategic goals in 10-year period for the HPC area and related items. (Eske) https://deic.dk/en/om-deic/strategi	On the datacenter: This task is not a trivial one, and it is noted that the competencies required are not currently in the DeiC organization. DeiC will perhaps not own such a datacenter, but the model will be similar to the current services in DeiC. The current task is to present the pros and cons together with all the stakeholders. On a common ID: There was a a discussion on clarifying the need for this initiative. Mainly it is about aligning how the universities handle their integrations to the service. There will be no changes for the users On security: The main focus of this initiative is on the organizational side, and to attempt to pool the resources across the sector. In general: The strategic goals will all undergo further elaboration in 2025. The forum noted that these initiatives have not prioritized engaging with a EuroHPC facility in DK. It is now very unclear where this stands in terms of the Danish ambition for such a project.
3	**LUMI-Next/LUMI-AI (15 min).** Depending on EuroHPC JU GB meeting on 9.12, there will be a presentation of the structure of the application and a short timeline for the tasks in the next 6 months. LUMI-NEXT-HPC-forum-2024-dec-12.pptx	DeiCs main focus in the consortium is the hardware of the new machine that will replace LUMI, and a minimal engagement in the AI factory. This can change over time.

		The forum is very concerned with the availability of the rest of the funds within EuroHPC. There is already another call open and very soon it will be too late for any more Danish involvement. The activities are all being established during these years and the Danish community will not be able to catch up. The process itself has not been transparent for the members of the forum, and it is very unclear what the overall political strategy is. The DeiC board members cannot be expected to be the ones to involve the HPC Advisory Forum. There is a strong need for coordination between all of the current AI activities in Denmark. There is a task from the DeiC board concerned with how to coordinate all the involvements and make them accessible from the user side. The forum was in agreement that is should be possible to take part in and influence the benchmark metrics for the next machine, along with advising on hardware choices.
4	**National HPC facilities – a status (15 min).** A status of the contract negotiation for HPC Interactive HPC and the call of a new general purpose HPC (type 2). A discussion on what to expect from bidders and who will bid.	The interactive HPC negotiations will finish in early next year, and there will be a new machine in a single datacenter. For the open call on a general purpose machine the forum wants to underline that there seems to be a disconnect between the weight on these two systems, and that the high memory nodes seems to expensive. Clarifications could be needed on parts of the demand spec that says storage cannot be shared with existing compute. Data movement is not integrated trivially. Bidders are welcome to contact the DeiC secretariat for clarifications and talks.
5	**Each university present top 3 list of HPC activities for 2025 (20 min)** We will make are short round between the 8 universities to hear what the top 3 most important activities in HPC/AI in 2025 is.	Postponed until next meeting
6	**Coordination of meetings in 2025 (15 min)**	DeiC will send out meeting invitations for the entire year of 2025 that is timed with the DeiC board meetings and other activities.
7	**Around the Table (15 min)** What happens at the universities related to HPC? This is both for research and teaching but also for usage and resource allocation etc.	N/A
8	**AOB.**	The forum noted the need for having access to the meeting materials in a more reasonable time, in order to be better able to reflect on the contents beforehand.

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