

Future facilities plans Funding/HPC landscape NLCG/NeIC role

NLCG meeting

2021/05/07

Ever changing funding landscape

- Centralised CPU farm (HPC / HTPC /... cloud)
 - CERN has “beta”-tested
 - EU strong focus
- Some countries are pushing to move to national/regional farm
 - Finland (LUMI)
 - Denmark (e.g. Computerome or similar)
- Future funding (at least in DK) may no longer come as money/hardware
 - CPU
 - Storage
 - **Maybe** personware/application-expert
- On Generic environments (out of our control)

Discussion: How should NLCG / NeIC navigate

- MoU dictates our scope/goal/requirements
 - The “raison d’etre” for NLCG
 - Should this be sharpened?
- Work has started to scope LUMI
 - Establish requirements – “feasibility study”
- Service-Level-Agreements (Think “using PRACE at NT1 DK farm”)
 - Timespan
 - Clearly defined interface requirements
 - Performance-requirements
 - Software / OS requirements (VMs makes life easier....)
 - Quality-of-Service
- Role of NeIC?
 - ARC?
 - Maybe this is the chance to expand to other fields? HTPC cloud...