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Abstract: Advanced users in industry and academia get support from European Centres of Excellence (CoEs) on a large set of applications. In turn, CoEs and other advanced users/developers do have some urgent needs that need to be met by HPC Centres/consortia, and from the EuroHPC ecosystem as a whole. A key critical issue is the software stack: languages and programming models may be the main bottleneck in some of the coming systems; standards, which are essential for portability, are still lacking especially for GPUs. Also, advanced users and developers need support from HPC Consortia/Centres, especially system specific support for porting codes to new systems, and early access to systems whenever possible. Among the other important needs I will mention: flexible operations/scheduling of the systems for efficient execution of complex workflows; access to HW counters (e.g. energy) and detailed statistics from HPC Consortia/Centres (what codes, what scientific areas are running? how?); efficient data handling (keeping data around for future tasks, get data in/out efficiently); and some special provision for computer time for scaling tests. Last but not least, interfacing CoEs and Competence Centres will be essential to engage a broader pool of advanced users.