Service portfolio NCC Germany[1]

Services for all target groups		
Service offer	**Duration[2]**	**Price[3]**
Matchmaking / Network access for simulation projects • Consulting on and searching for suitable partners / experts from science/research and industry - including partners from Solution Centres in the automotive, media, medical technology and smart data sectors and support with onboarding to Solution Centres		0 EUR
Basic HPC+ Consulting for Beginners • Initial consulting on potential use cases and application fields of HPC, HPDA and AI • Technological Readiness Assessment & Strategy Advise	5 hours + overhead	800 EUR
Expert Consulting and Application Support for simulation activities, big data, AI and visualization		60-200 EUR per hour
Consulting & Support for Access to Infrastructure • national and EuroHPC-JU HPC infrastructure, including support for writing compute time applications		0 EUR
Consulting & Support for Access to Advanced Technologies • e.g., simulation and modelling algorithms, software codes, tools		0 EUR
Hardware Consulting • specialized hardware consulting, designed to enhance infrastructure for HPC, HPDA, AI, visualization, and simulation		60-200 EUR per hour
Consulting on setting up and operating own cluster systems and cloud computing		60-200 EUR per hour
Access to HPC Infrastructure - Jupyter: Web-based interactive development environment for notebooks, code and data		0 EUR
Access to HPC Infrastructure - Visualization Laboratory: • VR/AR visualization of HPC and AI data for analysis or high-level presentations		60 EUR per hour for access to visualization laboratory + 80 EUR per hour for expert support
Training programme for participants from industry & post-graduates in public administration, covering HPC-related and associated topics, e.g. data analytics, artificial intelligence, quantum computing. Adapted self-paced training courses, normally up to 15 participants, e.g. parallel programming, cluster installation and management.[4]	1-6.5 compact equivalent days[5]	240-1410 EUR, per user

[1] Condensed version of all services offered by NCC partners.

[2] The duration usually depends on the specific request and effort needed. Therefore, usually prices per hour are given.

[3] Services are offered free of charge within the scope of the EuroCC2 project, even if a price is given. However, by using the services free of charge, companies receive state-aid, and must follow state-aid regulations.
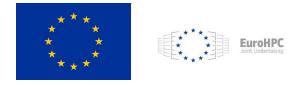
[4] Special conditions might apply, especially reductions (e.g. courses without fees for all or some user categories), depending on the local organizer and the specific course.

[5] For the price calculation of courses stretching over several weeks, a workload of 8 hours is considered equivalent to 1 day of a block course.

Training programme for academic users, covering HPC-related and associated topics, e.g. data analytics, artificial intelligence, quantum computing. Adapted self-paced training courses, normally up to 15 participants, e.g. parallel programming, performance analysis.[6]	1-6.5 compact equivalent days	20 to 180 EUR (1 compact equivalent day) – 47.50 to 510 EUR (6.5 compact equivalent days), per user
For SMEs only		
Service offer	**Duration**	**Price**
Consulting and Support for Funding Applications • Support for SMEs from partner selection to application		0 EUR
Services involving (co-)development activities[7]		
Parallelization, Optimization & Porting of software/code **for a selected hardware architecture**		60-200 EUR per hour
Performance Optimization – Basic • Performance analysis of codes and applications and consulting on developing an optimization strategy		60-200 EUR per hour
Performance Optimization – Advanced • Performance analysis of codes and applications, development of an optimization strategy and implementation of the developed strategy, including testing on NCC infrastructure		60-200 EUR per hour
Proof of Concept • Developing, testing and validating potential HPC, HPDA, AI, visualization, simulation use cases, including access to testbed		60-200 EUR per hour

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[6] Special conditions might apply. The price of training for academic users depends on the institution's affiliation (Germany, EU or EU-associated, other) and the academic qualification of the participant (i.e. obtained M.Sc. or equivalent degree).

[7] These services may not be offered for free to big industry companies (within the scope of the project). To SMEs, they can only be offered for free to a limited extend. (Co-) development services may be offered by the involved partners outside EuroCC2, and must then be paid for or funded via other means (e.g., other projects, funding agencies).