

National competence centre for high performance computing Slovakia

Full service portfolio list

Version: 7/2026

Service pillar:	Index	Name of service:	Service description:	Expected service outcome:	Financial value:	Per unit:
Awareness	1.1	HPC Awareness Session	▪ Introductory / initial presentation ▪ HPC ecosystem overview ▪ Popularization workshop ▪ Success stories ▪ Q&A session	Workshop/ session delivered	€ -	per serv event
	1.2	Sector-Specific HPC Workshop	▪ Domain-focused workshop ▪ Use-case presentations ▪ Stakeholder discussions	Workshop report	€ -	per serv event
Assessment & Readiness	2.1	HPC Opportunity Assessment	▪ Initial consultation with organization ▪ Workflow review ▪ Identification of computational challenges	HPC Opportunity Assessment Report	€ -	per consultation
	2.2	HPC Readiness Assessment	Individual assessment of: • Infrastructure • Software • Skills • data readiness	Readiness Scorecard	€ 1 000,00	per consultation
	2.3	HPC Adoption Roadmap	▪ Gap analysis ▪ Resource planning ▪ Skills recommendations	HPC Adoption Plan	€ 500,00	per consultation
Capacity building	3.1	Introductory HPC Training	▪ Linux basics ▪ HPC fundamentals ▪ Access methods	Training completed	€ 800,00	per training
	3.2	HPC User Training	▪ Slurm ▪ Job submission ▪ Data management ▪ Best practices	Practical exercises completed	€ 1 000,00	per training
	3.3	Advanced HPC Training	▪ Parallel programming ▪ GPU computing ▪ Performance optimization ▪ Field-specific training	Advanced training certificate	€ 1 500,00	per training

Access Facilitation & Onboarding	4.1	HPC Access Facilitation	- Selection of access scheme - Allocation estimation - Application support	Submitted access application	€ 1 000,00	per consultation
	4.2	User Onboarding	- Account creation - Access setup - SSH keys, authentication modes - Initial orientation	Active user account	€ 300,00	per consultation
	4.3	First Job Support	- Job preparation - containers, scripts, dependencies, i/o - Submission assistance - partitions, resource definition, mountpoints - Troubleshooting - basics	Successful HPC job execution	€ 500,00	per consultation
	4.4	Workflow Deployment Support	- Environment preparation - Software deployment - Workflow testing	Operational workflow	€ 2 000,00	per app support
Adoption & User Success	5.1	HPC Usage Review	- Usage analysis - Resource efficiency review	Usage Review Report	€ 200,00	per app support
	5.2	Optimization Consultation	- Performance analysis - Resource tuning	Optimization recommendations	€ 1 500,00	per app support
	5.3	Proof-of-concept	- Low TRL PoC implementation - Demonstration of HPC implementation for specific use cases	PoC report published	€ 10 000,00	per PoC
Community & Ecosystem Building	6.1	Matchmaking & Networking	- Connecting users with experts - Centres of Excellence, other NCCs, other EuroHPC initiatives, EDIHs, etc. - Connecting industry and academia	Matchmaking session	€ 100,00	per serv event
	6.2	HPC Community Events	- User Day - Workshops - Community meetings		€ -	per serv event