



CROATIAN COMPETENCE CENTRE FOR HPC

WE MAY BE A SMALL COUNTRY, BUT WE HAVE A BIG MISSION:

to find every entrepreneur, innovator and researcher, as well as big industry and public administration ready to explore HPC, HPDA & AI — and guide them to success.

WE:

Provide trainings that solve real challenges based on our annual survey 'The Croatian Landscape of Education in HPC, HPDA & AI'. 35+ trainings per year.



Provide support in accessing national and EuroHPC systems as well as preparing project proposals in HPC.

Crbotic Solutions Ltd became the first Croatian SME to be accepted into the "Playground Access to AI factories" programme. Using the MareNostrum supercomputer, they fast-tracked innovation and pushed the boundaries of AI-based robotics. First step was presentation of the company at the Croatian HPC Competence Centre Day in Zagreb - provided by SRCE.

AITAC Ltd faced a ship design optimization challenge that traditional methods couldn't solve. With NCC Croatia support and access to HPC, a PoC was developed that improved the design process and delivered a better ship component. In 2025, RITEH supported the company in preparing the project proposal for the FF+ call.

Provide expert consultations & Proof of Concept setups tailored for user's needs.

PoC for Croatian Conservation Institute by RBI and SRCE - SRCE and RBI collaborated to provide HPC services to the Croatian Conservation Institute, supporting advanced research and preservation projects. Croatian HPC resources were utilized for deep learning research in multivariate prediction. SRCE provided access to HPC (GPUs) infrastructure, setup working environment, installing photogrammetry software, running first tests on user's dataset.

Collaborate globally with leading experts - open to partnerships and hosting top specialists in AI and HPC.



Build connections at key HPC events in Croatia - SRCE DEI & Croatian HPC Competence Centre Day



Consortium



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