

EUROHPC JU CALL FOR PROPOSALS FOR AI FOR SCIENCE AND COLLABORATIVE EU PROJECTS ACCESS MODE

Full Call Details

The information provided below is a compilation of information that is important for applying to the AI for Science and Collaborative EU Projects Access call. The main purpose is to provide this information in a single page complementing the information provided in the EuroHPC JU <u>Access Policy</u> and the <u>Terms of Reference</u>.

DESCRIPTION

The EuroHPC JU AI for Science and Collaborative EU Projects Access will support AI applications for science, with a focus on ethical Artificial Intelligence, Machine Learning, and cutting-edge foundation Models and Generative AI, including Large Language Models. This mode is intended for scientific research activities that rely on AI models as part of their research workflow.

This access mode covers all types of scientific users (whether funded or not by national or European programmes), users from public sector, as well as industrial users participating in R&I projects funded by EU Programmes such Horizon Europe or the Digital Europe Programme. All other types of industrial users should target the AI for Industrial Innovation access mode.

CUT OFFS AND TIMELINES

The Call for Proposals for EuroHPC JU AI for Science and Collaborative EU Projects Access Mode is continuously open, with a maximum time-to-resources-access (start-date) of 1 month after the cut-off date. The allocations are granted for six (6) months.

The overall tentative cut-off dates/periods are:

20 June 2025 - 10:00 AM Luxembourg time

08 August 2025 – 10:00 AM Luxembourg time

10 October 2025 – 10:00 AM Luxembourg time

12 December 2025 – 10:00 AM Luxembourg time

Timeline for awarding AI for Science and Collaborative EU Projects Access Mode:

Cut-off period	Communication of allocation decision	Allocation period for awarded proposals	Submission of Final Reports	Type of Access
June 2025	Mid-July 2025	July 2025 – July 2026	Within three (3) months after the completion of the project	Half-year access
August 2025	Mid-September 2025	September 2025 – September 2026	Within three (3) months after the completion of the project	Half-year access
October 2025	Mid-November 2025	November 2025 – November 2026	Within three (3) months after the completion of the project	Half-year access
December 2025	Mid-January 2026	January 2026 – January 2027	Within three (3) months after the completion of the project	Half-year access

Please see also flowcharts in Annex 2.

ELIGIBILITY CRITERIA

Users from academia, research institutes, public authorities and industry, established in a Member State, or in a third country associated to Horizon 2020, the Digital Europe Programme or to Horizon Europe, are eligible to apply to the Union's share of access time to EuroHPC supercomputers (see eligibility criteria, section 1.3 of the Access Policy).

SUBMISSION PROPOSALS

All proposals consist of 2 parts: an online form and the 'Project Scope and Plan' section.

Please keep in mind that the used Project Scope and Plan document should be the most recent version uploaded in the designated cut-off page. Any inconsistency with the latest version of the document and its contents will result in an administrative rejection of the proposal.

ASSESSMENT CRITERIA AND THE SCORING SYSTEM

The proposals are evaluated according to three criteria:

- **Excellence** aims to evaluate the quality and merit of the project.
- **Innovation and Impact** intends to assess the innovative nature, the potential impacts and contributions of the project.
- **Quality and Efficiency of the Implementation** intends to evaluate the quality and feasibility of the work plan in order to deliver the project successfully.

The scores are given per criterion and can be decimal numbers from 0-5. In order to pass the evaluation, each criterion must be graded with a minimum 3, but the overall score sum of all three criteria must be minimum 10.

Proposals will be granted access on a first-come-first-served basis until the allocated resources for the specific cut-off have been depleted, provided the peer-review process is passed successfully.

THE PEER-REVIEW PROCESS

The Peer-Review process for proposals submitted to the AI for Science and Collaborative EU Projects Access call follows the next workflow:

1. Administrative check

The Peer-Review office checks the proposals in two parts: the online submission form and the Project Scope and Plan document. The proposals are assessed for any administrative inconsistency. The proposals must pass the administrative check in order to proceed to next evaluation steps. Proposals that have been administratively rejected will not proceed further and are advised to be resubmitted to another cut-off taking into consideration any comments provided by the Peer-Review office.

2. Technical assessment

The Hosting Entities evaluate the technical feasibility of the proposals submitted to their systems. The proposals can be technically accepted or rejected. In case the proposal has been rejected, it will not be awarded.

3. Experts evaluation

Each proposal is peer-reviewed by 2 recognized independent experts against the 3 set criteria: Excellence, Innovation and Impact, Quality and Efficiency of the Implementation. Proposals ranked under the quality cut-off threshold will not be awarded, even if there are resources available on the systems.

4. Resources distribution list

Proposals will be granted access on a first-come-first-served basis until the allocated resources for the specific cut-off have been depleted, provided the peer-review process is passed successfully.

5. Communication of results

The Peer-Review office will communicate the final results to all applicants. They will receive an email with the final decision regarding their proposal; the same outcome can also be seen in the Peer-Review Platform.

6. Award acceptance

The applicants should, if awarded resources, accept the award in the Peer-Review platform. This action will trigger a notification to the Hosting Entities to officially contact the applicants regarding the access to their systems.

OBLIGATIONS FOR AWARDED PROJECTS

REPORTING

For all awarded projects, the Principal Investigator (PI) has to submit a Final Report within three (3) months of the completion of an allocation, using the proper EuroHPC JU template, with the results obtained through the access to the EuroHPC JU systems, as well as qualitative feedback on the use of the resources. This report needs to be submitted via the Peer-Review portal within the Final Report step of the application. Alternatively, it can be sent to EuroHPC Peer-Review (access@eurohpc-ju.europa.eu). Failure to submit a Final Report may disqualify future proposal submissions to EuroHPC JU by any member of the research group.

The templates for the **Final Report** are available for download: Al for Science and Collaborative EU Projects - Final Report

DISSEMINATION

Applicants allow EuroHPC JU to publish the Final Report as well as PIs and team members name, surname, affiliation and country of the institution of the awarded projects as of one year from the end date of the allocation period. Applicants commit to collaborate with EuroHPC JU, upon its request, in the preparation of dissemination material. The applicant commits to not use the project results for military purposes.

EXTENSION

The total awarded resources (total computer time and/or expert support) cannot be changed. If applicants are unable to use their awarded resources due to a technical problem, the Peer-Review office (access@eurohpc-ju.europa.eu) must be notified as soon as possible and in any case during the allocation period. Details regarding extension requests are detailed in the Access Policy.

ACKNOWLEDGEMENT

Applicants must acknowledge EuroHPC JU in all publications that describe results obtained using EuroHPC JU resources. Acknowledgement should be made of the role of the HPC Centre and EuroHPC JU and of the relevant partners involved in the pilot use case for joint data storage in all publications which include the results above mentioned. Users shall use the following wording in such acknowledgement in all such papers and other publications:

We acknowledge EuroHPC Joint Undertaking for awarding the project ID EHPC-AI-XXXXAXX-XXX access to [resource-name hosted by at site, country]. Use as many instances of the pattern [resource name hosted by at site, country] as the number of systems awarded via EuroHPC JU.

Please follow these examples:

- LUMI at CSC, Finland
- Leonardo at CINECA, Italy
- MareNostrum5 at BSC, Spain

EUROHPC SYSTEMS AVAILABLE AND NODE HOURS

ANNEX 1

SYSTEM*	SITE (COUNTRY)	PARTITION	PROCESSOR	ACCELERATOR	MINIMUM REQUEST**	MAXIMUM REQUEST
MN5 MARENÜSTRUM	BSC (ES)	MN5 ACC	Intel Sapphire Rapids	Nvidia Hopper	20 000	90 000
LEONARDO CINECA	CINECA (IT)	Leonardo Booster	Intel Xeon	NVIDIA A100	20 000	90 000
LUMI	CSC (FI)	LUMI-G	AMD Epyc	AMD Instinct	20 000	90 000
MELUXINA HIGH PERFORMANCE COMPUTING IN LUXEMBOURG	LuxProvide (LU)	MeluXina GPU	AMD Epyc	Nvidia A100	20 000	90 000

^{(*}The above EuroHPC systems are sorted in order to show the last available system that entered production.

The resources are displayed in **node hours.)

ANNEX 2

THE PEER-REVIEW PROCESS

A diagram of the Peer-Review process is displayed below:



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