Need to optimise your code on EuroHPC supercomputers?

Who's eligible?

To benefit from EPICURE support, you must have an active EuroHPC Joint Undertaking (JU) allocation project.

Don't have one yet? No problem - we can

No problem - we can guide you through the application process!



Duration

Support is available for projects lasting from 3 to 12 months.

Ready to optimise?

If you're looking to enhance your HPC workflows, EPICURE is here to help:

Request support: Submit your request to access EPICURE's expert guidance.

Need a EuroHPC allocation? Check the latest EuroHPC Access Calls to get started!

Co-funded by

the European Union

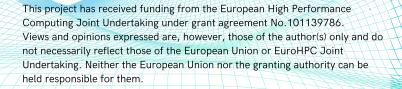


EuroHPC



FOLLOW US







High-level Specialised Application Support Service in High-Performance Computing

GENERAL INFORMATION



Started in February 2024.



Researchers and experts from 16 organisations — including all current and future EuroHPC Hosting Entities.



Organisation of architecture specific trainings, hackathons, webinars and workshops in several EU countries.

MISSION

EPICURE will establish a fouryear operation of a distributed European-wide highperformance computing application support service bringing together Application Support Teams (ASTs) set up in all current and future EuroHPC Hosting Entities, operating its supercomputers.

SUPPORT SERVICES









Code enabling and scaling Support for enabling and increasing the scalability of user

increasing the scalability of user codes to EuroHPC supercomputers.

Performance Analysis Performance analysis for HPC

Performance analysis for HPC codes.

Benchmarking

Our service focuses on developing a benchmarking suite to evaluate the performance of EuroHPC machines.

Code refactoring

This service involves restructuring or rewriting parts of an application code to improve maintainability without changing function.

Code optimization

Our service aims at improving the software's efficiency and performance so it consumes fewer resources.

OBJECTIVES

- Provide support services to users with a Eurohpc JU project in one of our supercomputers.
- Deliver support solutions based on all partners' vast experience in HPC operations and support.
- Focus on Level 2 and 3 support in application porting and optimisation for selected applications/user groups with short to medium term support (3-6 months).
- Development of a European HPC Application Support portal, acting as a single point of contact for European HPC users to retrieve information on the systems provided by the Joint Undertaking.

