

Need to optimise your
code on EuroHPC
supercomputers?

WHO'S ELIGIBLE?

Having a EuroHPC JU allocation
project is **required**.

Don't have one yet?
We can help you apply!



DURATION

From 3 to 12 months for
sustained improvements.

READY TO OPTIMISE?

Request support: You can
request EPICURE support.



Do you **need a EuroHPC
allocation**? Check the EuroHPC
Access Calls!



EPICURE
Unlocking European-level HPC Support

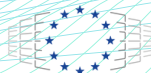
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High-level Specialised
Application Support Service
in High-Performance
Computing



Co-funded by
the European Union



EuroHPC
Joint Undertaking

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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

EPIASURE will establish a four-year operation of a distributed European-wide high-performance 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 codes to EuroHPC supercomputers.



Performance Analysis

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.

