

# 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 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!



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# EPICURE

Unlocking European-level HPC Support

## 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.

