



Performance Optimisation and Productivity 3

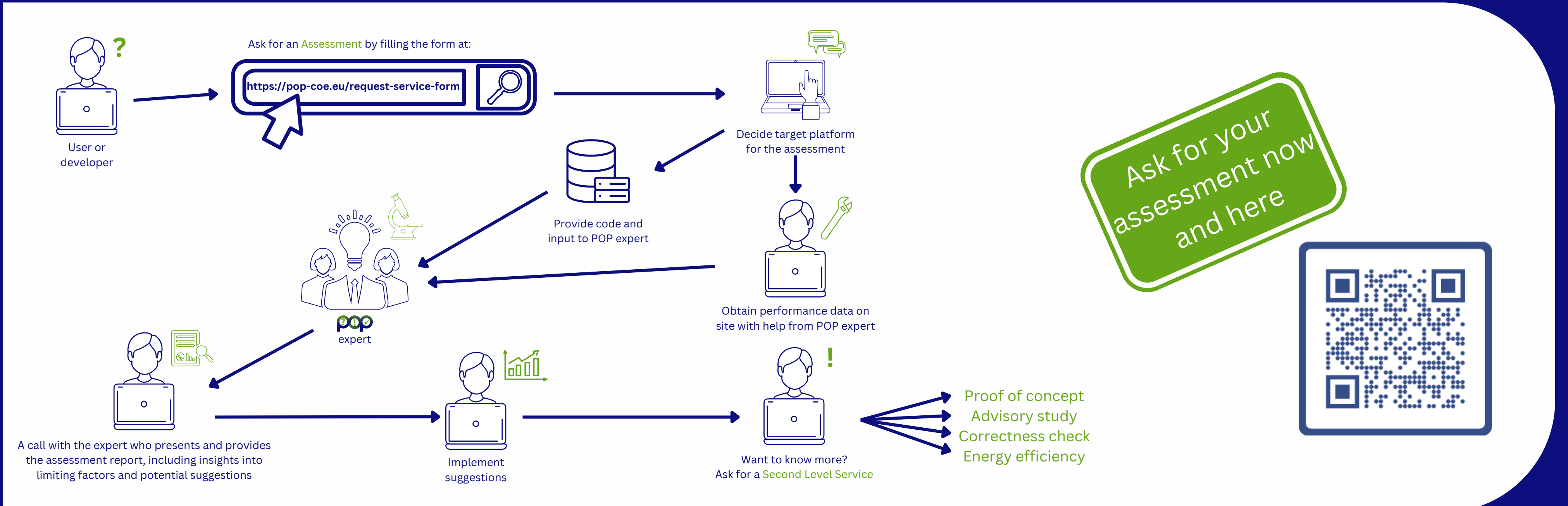
A Centre of Excellence in HPC

Jan 2024 - Dec 2026

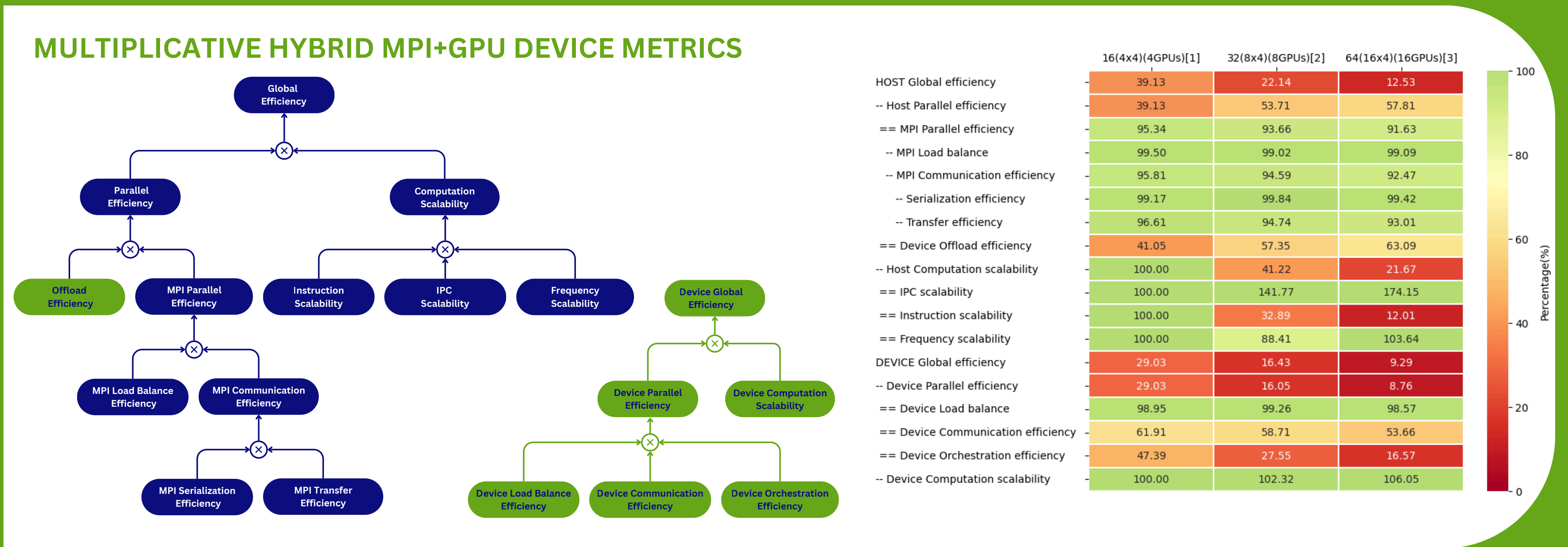
Interested in

- ✓ an independent performance assessment of your application?
- ✓ an estimate of potential performance gains and identification of the techniques to get them?
- ✓ guidance/help on how to implement those techniques?

POP3 offers free services to European HPC users



We rely on a common Methodology ...



... and a diverse set of specialized Tools

For tracing: **Score-P**, **Extrac**

For analysis: **cube scalasca**, **Paraver**

For correctness check: **MUST**, **archer**

For intra-node analysis: **CARM Tool**, **MAOAO**

For profiling: **OTF**, **CPT**

For energy efficiency analysis: **MERIC**

A TEAM WITH

- Excellence in performance tools and tuning
- Excellence in programming models and practices
- Research and development background
- Proven experience in academic and industrial use cases

To achieve efficient, highly performant, and easily maintained codes



This project has received funding from the European High-Performance Computing Joint Undertaking (JU) under grant agreement No 101143931. The JU receives support from the European Union's Horizon Europe research and innovation programme and Spain, Germany, France, Portugal and the Czech Republic.



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