



## MISSION AND VISION STATEMENT

The European High Performance Computing Joint Undertaking (EuroHPC JU) aims to:

- develop, deploy, extend and maintain in the EU a world-leading federated, secure and hyper-connected supercomputing, quantum computing, service and data infrastructure ecosystem;
- support the development and uptake of demand-oriented and user-driven innovative and competitive supercomputing systems based on a supply chain that will ensure components, technologies and knowledge limiting the risk of disruptions and the development of a wide range of applications optimised for these systems;
- widen the use of that supercomputing infrastructure to a large number of public and private users, and support the twin transition and the development of key skills for European science and industry.
- EuroHPC JU contributes to safeguarding the interests of the EU when procuring supercomputers and supporting the development and uptake of high-performance computing technologies, systems and applications.

It will enable a co-design approach for the acquisition of world-class supercomputers, while safeguarding the security of the supply chain of procured technologies and systems.

It will contribute to the EU's strategic autonomy, support the development of technologies and applications reinforcing Europe's high-performance computing supply chain and promote their integration in supercomputing systems that address a large number of scientific, societal, environmental and industrial needs.

## KEY FACTS AND FIGURES

**Horizon Europe Pillar and Cluster:** Pillar II – Cluster 4: Digital, industry and space

**Type of partnership:** Institutionalised (Art 187 TFEU) – joint undertaking

**Total estimated budget:** About EUR 7.06 bn

**EU commitments:** About EUR 3.08 bn

**Partners' commitments:** About EUR 900 m (private sector members) + EUR 3.08 bn (participating states)

**Predecessor under Horizon 2020:** EuroHPC-JU is a successor to the Joint Undertaking set up in 2018

## FIND OUT MORE

[EuroHPC Joint Undertaking Multi Annual Strategic Plan \(MASP 2021 - 2027\)](#)



**PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)**

*Not available*

**PARTNERSHIP'S KEY PERFORMANCE INDICATORS**

*Data not available*

KPI NAME	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
<b>RESOURCES (INPUT), PROCESSES AND ACTIVITIES</b>						
<b>OUTCOMES</b>						
<b>IMPACTS</b>						

Up until EuroHPC JU obtained the capacity to implement its own budget, it remained under the responsibility of the European Commission. EuroHPC JU's KPIs are still under preparation, as the JU only became autonomous in September 2020 and is currently implementing the new founding regulation (EC/2021/1173), which involves setting up its new governance structure and advisory bodies, incorporating the new programmes (HORIZON, DIGITAL and CEF2) into its work programme, and launching its new calls.



## **SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES**

### **SYNERGIES WITH OTHER EU FUNDING STREAMS (RRF, CEF, DEP, ERDF)**

EuroHPC JU is pooling EU funding with national contributions for the procurement of supercomputers and for the R&I activities to develop high-performance computing technologies and software. The EU contribution comes from Horizon Europe and Digital Europe Programme (DEP) and we expect that some participating states will also use RRF and ERDF funds. In addition, programmes like CEF2 will support the federation of supercomputers.

### **SYNERGIES BETWEEN PARTNERSHIPS, BOTH WITHIN AND ACROSS PILLARS/CLUSTERS**

The existing cooperation with Key Digital Technologies Joint Undertaking will be strengthened with the Commission proposal for the European Chips Act\* and the possible new responsibilities for both JUs in this respect. In particular both JUs will investigate possible opportunities and synergies in high-performance computing microprocessor innovation and development which could be used in future supercomputing infrastructures.

\* [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_22\\_729](https://ec.europa.eu/commission/presscorner/detail/en/ip_22_729)

## **OVERVIEW OF MEMBERS**

*Not available*