

RISC2



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1. CONTEXT

High-Performance Computing (HPC) is mainly adopted in the major science and defence communities.

However, with the recent advent of AI and IoT, wider use of HPC is bringing new benefits to areas such as **industry, healthcare, and the economy**. HPC is now a foundation for scientific, industrial and social advances that improve the quality of life of people worldwide.

All regions are currently witnessing major investments in HPC, deemed as essential to improve competitiveness. In this context, coordination and capacity sharing between united regions is crucial.



2. MISSION

The **RISC2** European project aims to create a network for supporting the coordination of High-Performance Computing research between **Europe** and **Latin America**.

Another main goal is to establish a solid bridge between key players in these regions, namely **researchers** and **innovators** from all areas of society with access to knowledge and tools for developing and deploying HPC-based services.

Besides advocating for science, technology and innovation, the project will not only contribute to the implementation of the UN Sustainable Development Goals (SDGs) but also address social, industrial, and environmental issues:

- climate change;
- cybernetics policies;
- energy security.



3. MAIN GOALS

- Assess the **collaboration potential** in the High-Performance Computing, Artificial Intelligence and Computational Science areas in both regions;
- **Raise awareness** of policy makers in the EU and in LATAM about HPC research cooperation and results and facilitate dialogue among policy makers, companies, civil society and the research community;
- **Empower** actors across a broad spectrum of academic, industrial and societal sectors with the necessary knowledge, facilitating training and access to HPC infrastructures and tools;
- Establish **strong relationships** with Latin American HPC networks to co-organise **awareness-raising events** about the EC's ICT R&I programmes;
- **Provide advanced support** services to a selected number of prominent Latin American HPC actors to build long-term relationships with key EU counterparts.



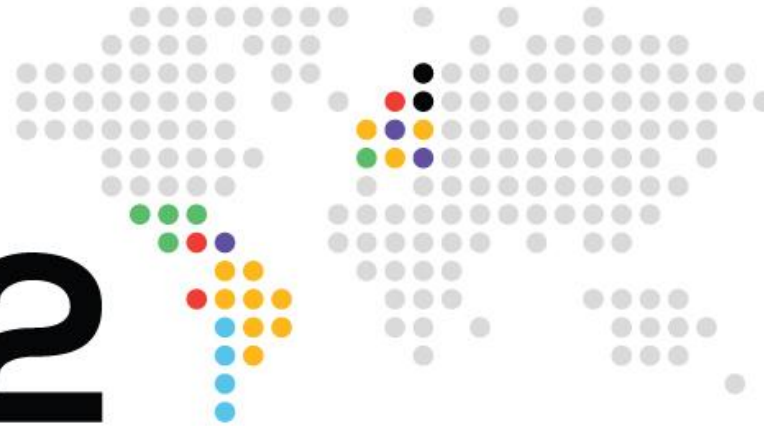
4. EXPECTED OUTCOMES

- Exchange **best HPC practices** in Europe and Latin America;
- **Boosted** Latin American HPC ecosystem;
- **Stronger relationship** between researchers and policymakers;
- Definition of a **coordinated policy** and a concrete **roadmap for the future**.

5. CONSORTIUM

The RISC2 project includes 16 partners, from 12 different countries:

RISC2



6. FUNDING



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Thank you!

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