



NATIONAL STRATEGY FOR ADVANCED COMPUTING

Advanced Computing Portugal.2030 is a science, innovation and growth strategy to promote Advanced Computing in Portugal within the European context, aimed at building a world-class high-performance computing network infrastructure. The strategy covers 3 major areas of intervention:

- Create a supercomputing infrastructure in the country to serve research and innovation;
- Develop and retain high-value people with strong advanced IT skills;
- Implement a public policy info-structure to bridge the gap between infrastructure and people, in order to promote the creation of high-value services and software.

Strategy



The strategy considers the development of close international collaborative actions and is designed to promote all areas of advanced scientific computing, as well as to mobilize data processing in an effective and diversified way, between industry and academic communities and in all areas of knowledge and economy, in health, climate, energy, mobility and in the study of social processes.

This strategy is expected to bring together several activities in advanced computing:

- Capitalize on investment in advanced computing equipment.
- Promote the RNCA: National Network for Advanced Computing.
- Participation in RES.ES + IberGRID+ EuroHPC+ PRACE.
- Development of large-scale activities that require supercomputing resources, analyzing the areas of industry, cities, transportation, health, energy, among others.
- Specific calls that include the need for computing requirements.
- Interconnection to other computing centers.
- Promotion of the development of doctoral programs.

Plan in progress	+
Coordinating Entity	+



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