



## BigHPC Project

*A Management Framework for Consolidated Big Data and High-Performance Computing*

## Factsheet

## Partners

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## Funding

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Cofinanciado por:



## What we do

BigHPC will simplify the management of HPC infrastructures supporting Big Data, and parallel computing applications. The project will have a direct impact on science, industry and society, by accelerating scientific breakthroughs in different fields and increasing the competitiveness of companies through better data analysis and improved decision-support processes.

## Expected outcomes

BigHPC project will produce an innovative solution for the efficient management of parallel and Big Data workloads that:

- combines novel monitoring, virtualization and software-defined storage components;
- can cope with HPC's infrastructural scale and heterogeneity;
- efficiently supports different workload requirements, while ensuring holistic performance and resource usage;
- can be seamlessly integrated with existing HPC infrastructures and software stacks;
- will be validated with pilots running in both MACC and TACC supercomputers.

The software components developed in BigHPC will be integrated into a single software bundle that will be validated through real use cases and a pilot deployed on both MACC and TACC supercomputers.

Wavecom, in charge of providing the devised software framework as a service, will explore the project's outcomes commercially.

## Where you can find us

 [bighpc.wavecom.pt](http://bighpc.wavecom.pt)

 [/bighpcproject](https://twitter.com/bighpcproject)

 [/company/bighpcproject](https://www.linkedin.com/company/bighpcproject)