

[Europe invests in designing a new energy-efficient Exascale machine](#)

Energy efficiency is already a primary concern for the design of any computer system and it is unanimously recognized that Exascale systems will be strongly constrained by their consumption. This is why the Mont-Blanc project, which was launched on 14th October in Barcelona with a kick-off meeting, has set itself the following objective: designing a new type of computer architecture capable of setting future global High Performance Computing (HPC) standards that will deliver Exascale performance while using 15 to 30 times less energy.

Energy efficiency is already a primary concern for the design of any computer system and it is unanimously recognized that Exascale systems will be strongly constrained by their consumption. This is why the Mont-Blanc project, which was launched on 14th October in Barcelona with a kick-off meeting, has set itself the following objective: designing a new type of computer architecture capable of setting future global High Performance Computing (HPC) standards that will deliver Exascale performance while using 15 to 30 times less energy.

[Press release in English](#) [Nota de prensa en español](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 17 Jul 2024 - 01:39): <https://www.bsc.es/es/news/bsc-news/europe-invests-designing-new-energy-efficient-exascale-machine-0>