

End-User Group

The aim of the **End-User Group (EUG)** is to involve industries and academic institutions for the validation of the novel HPC technologies and solutions produced by the project. This synergy generates valuable feedback to the project in order to align its objectives and deliverables with end-user needs.

Mont-Blanc provides EUG members with:

- Remote access to Mont-Blanc prototype platforms
- Support in platform evaluation and performance analysis
- Invitation to the Mont-Blanc training programme

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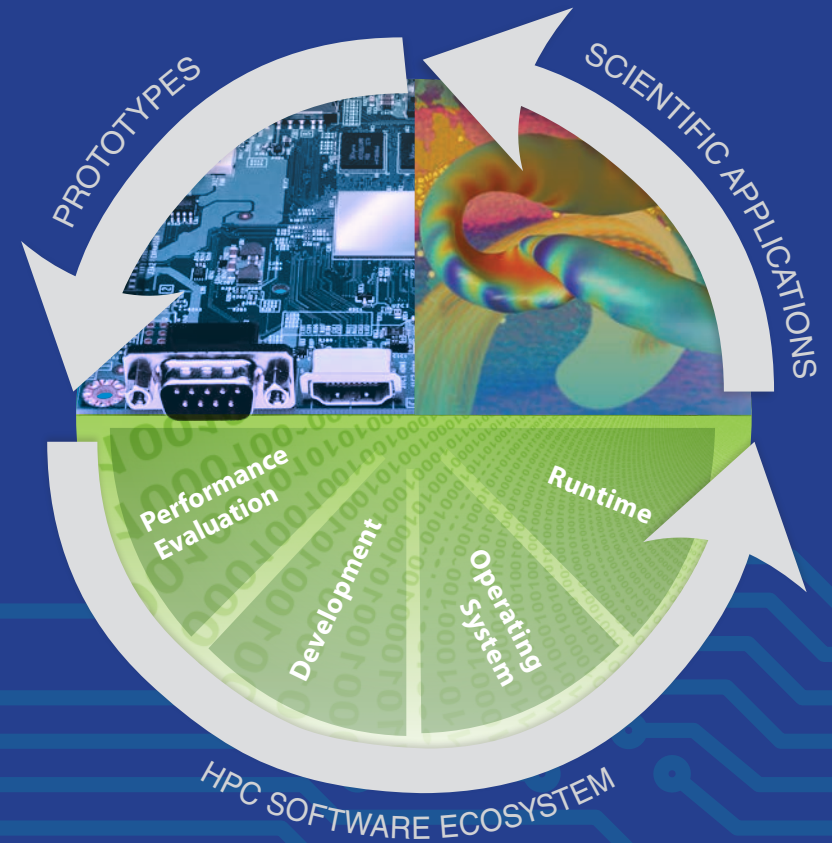
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Partners



MONT-BLANC

European **scalable** and **power efficient** HPC platform based on **low-power** embedded technology



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 610402 and 671697.

Project objectives

- 1 Defining the **architecture** of an Exascale-class compute node based on the ARM architecture, and capable of being manufactured at industrial scale.
- 2 Assessing the available options for **maximum computer efficiency**.
- 3 Developing the matching **software ecosystem** to pave the way for market acceptance of ARM solutions.

Prototypes



Mont-Blanc mini-clusters

- Merlin - APM X-GENE 2
- Thunder - Cavium ThunderX
- NVIDIA Jetson TX1

Mont-Blanc 3 test platform

To be deployed in 2017 based on new-generation ARM V8 64-bit processors

Co-design approach

