

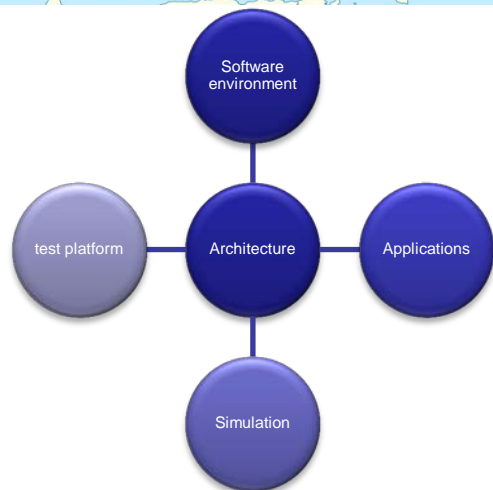
Mont-Blanc project (third phase)



Creation of a new high-end HPC platform (SoC and node) able to deliver new level of performance / energy ratio with real applications

Key goals:

- Design a well-balanced architecture for an ARM based SoC with pre-exascale performance by 2019-2020.
- Guarantee compute efficiency
 - × with new high-performance ARM processors
 - × with throughput-oriented compute accelerators
 - × with the right programming models
- Develop the necessary software ecosystem



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Vision: to leverage the fast growing market of mobile technology for scientific computation.