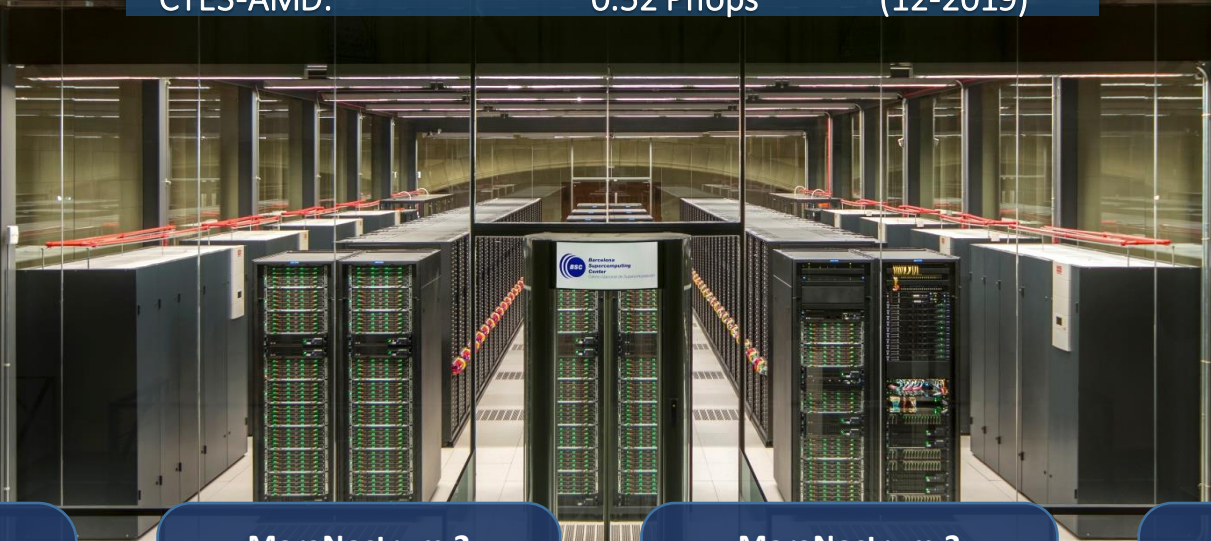


MareNostrum 4

Total peak performance: **13.9 Pflops**

General Purpose Cluster:	11.15 Pflops	(1-07-2017)
CTE1-P9+Volta:	1.57 Pflops	(1-03-2018)
CTE2-Arm V8:	0.65 Pflops	(12-2019)
CTE3-AMD:	0.52 Pflops	(12-2019)



MareNostrum 1

2004 – 42.3 Tflops

1st Europe / 4th World

New technologies

MareNostrum 2

2006 – 94.2 Tflops

1st Europe / 5th World

New technologies

MareNostrum 3

2012 – 1.1 Pflops

12th Europe / 36th World

MareNostrum 4

2017 – 11.1 Pflops

2nd Europe / 13th World

New technologies

MareNostrum 5.

A European pre-exascale supercomputer

- 314 Petaflops peak performance (314 x 10^{15})
- World-changing scientific breakthroughs: digital twins, advancement of precision medicine
- Total investment: >200 M€