DE LA RECHERCHE À L'INDUSTRIE

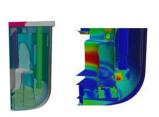




HPC & Simulation Program Manager

www.cea.fr



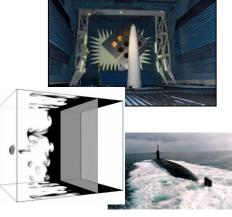


Nuclear Energy



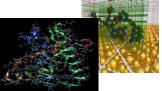
Fusion

Defense Simulation Program





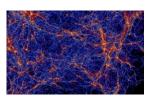
Medical Imagery



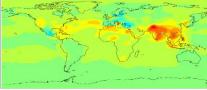
Personalized Medicine



Predictive Material



Astrophysics

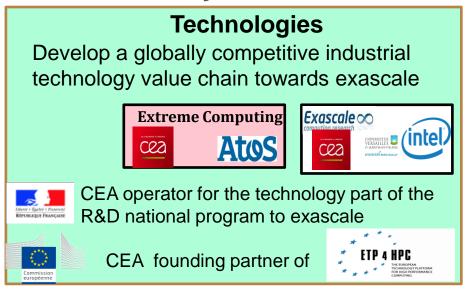


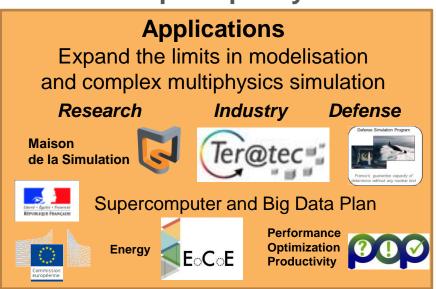
Climate modeling



A strategy based on an open ecosystem

Three complementary, independant, but coordinated pillars, in symbiosis with the French and European policy.





Infrastructures

Research



Industry



Defense





TERA 1000: Xeon and Xeon PHI configurations.



2017 major achievements

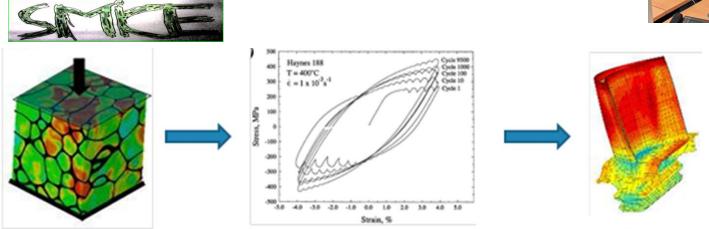




CESIMAT: CENTRE D'EXPERTISE EN SIMULATION DES MATERIAUX

a new HPC applicative platform for material simulation involving CEA & major industrial partners from aeronautics, cosmetics, automotive





Compréhension et analyse des essais à l'échelle du matériau

Modélisation avancée du comportement des structures











