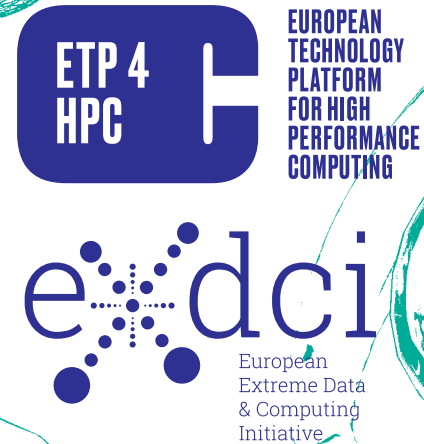


BIRDS-OF-A-FEATHER SESSION

ON
TUESDAY 14TH
NOVEMBER 2017
ROOM 501–502
FROM
5.15–7PM

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EUROPEAN EXASCALE PROJECTS AND THEIR GLOBAL CONTRIBUTIONS

SHOWCASING THE MOST VALUABLE CONTRIBUTIONS OF THE EUROPEAN HPC TECHNOLOGY AND APPLICATIONS PROJECTS TO THE GLOBAL HPC EFFORT

EUROPEAN HPC EXASCALE PROJECTS

Europe will present a holistic view of its HPC development and showcase its selected projects that contribute to the global exascale R&D effort.

Organised by ETP4HPC on behalf of EXDCI

PROGRAMME

5 MIN Welcome Message
Jean-Pierre Panziera, ETP4HPC Chairman

15 MIN The European HPC Strategy
Eugene Griffiths, ETP4HPC Steering Board

30 MIN Selected European HPC Projects:
• BioExcel
Erwin Laure, KTH (10 min)
• SAGE
Sai Narasimhamurthy, Seagate (10 min)
• Mont-Blanc
Etienne Walter, Atos (10 min)

10 MIN A Holistic View of European HPC
François Bodin, EXDCI

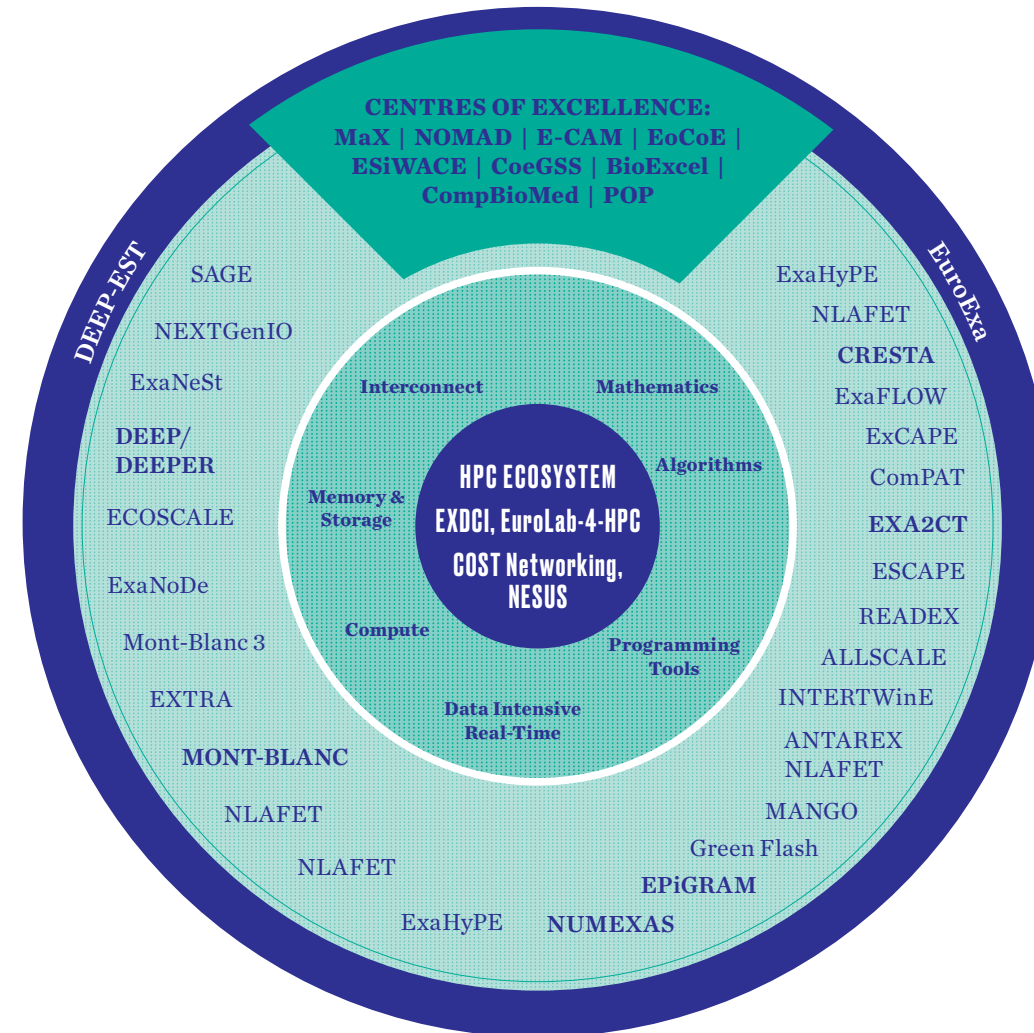
5 MIN An Update on the US HPC Ecosystem
Paul Messina, Exascale Computing Project, US

5 MIN An Update on the Japanese HPC Ecosystem
Mitsuhsa Sato, Riken, Japan

20 MIN A panel discussion moderated by **François Bodin** of the EXDCI, the European eXtreme Data and Computing Initiative (the project coordination the European HPC Strategy).

The EXDCI project has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 671558.

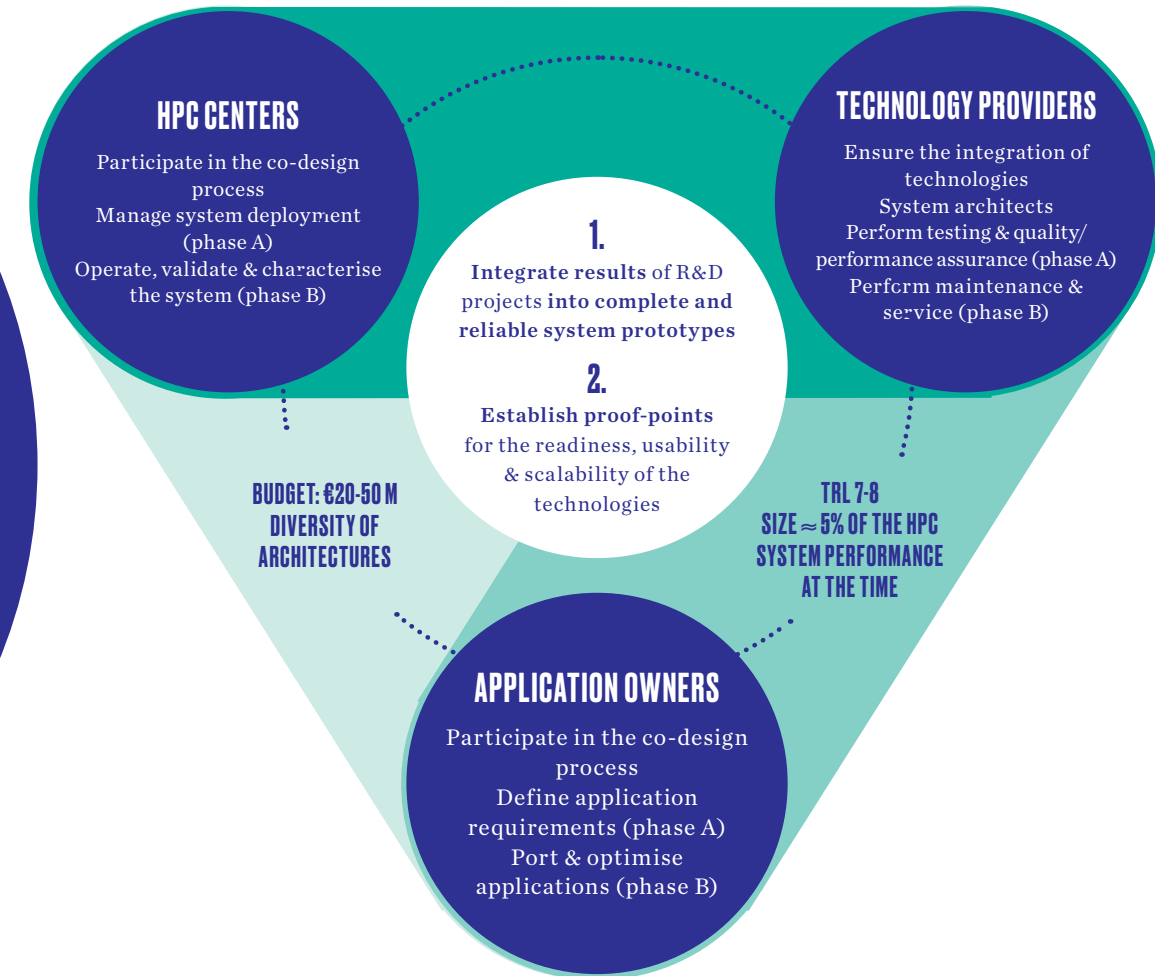
EUROPEAN HPC EXASCALE PROJECTS & EXTREME-SCALE DEMONSTRATORS



The **EsDs** are research projects aimed at integrating European HPC Technology and Application expertise into fully operational world-class HPC systems. This concept is included in our current **EC Work Programme 2018-20** draft and forms the core of the further development of HPC technology in Europe.

The technologies produced by the European exascale projects should be used to build prototypes of HPC systems in order to validate the performance of the technologies applied and their market preparedness. ETP4HPC suggests the implementation of Extreme-scale Demonstrators (EsDs) as a means of testing the readiness

The role of the Extreme-scale Demonstrators in the development of the European HPC Ecosystem



of the **European HPC Technology Value Chain and the entire European HPC ecosystem** in order to produce globally competitive HPC systems, meeting the needs of the European academic and industrial end user.