

INFRA-2011-2.3.5 :

Second implementation phase of
the European High Performance
Computing (HPC) service PRACE

European Commission, DG INFSO
GÉANT & e-Infrastructure Unit



e-infrastructure

INFORMATION EVENT ON THE e-INFRASTRUCTURE 9TH CALL
BRUSSELS, 11 June 2010



Important dates

Tentative timetable

- Info day: 11.06.2010
- Call publication: 30.07.2010
- Closing date: 23.11.2010
- Evaluation: Jan 2011 – Feb 2011
- Negotiation: March-May 2011
- Projects start: as of June 2011



Objectives

- Advance in the procurement and deployment of the new eco-system of computational resources with peta-flop performance already started at the first implementation phase and support the porting of applications to the new machines and architectures
- Integrate within PRACE the existing HPC resources shared at European level notably through the DEISA infrastructure



Expected Impact

- Deployment of a state-of-the-art HPC capability in Europe (at peta-scale level from 2010 and moving to exa-scale by 2020)
- Intensive exploitation of the benefits of computing by the European scientific and industrial communities
- Stronger European international position in computational sciences



Examples of Activities

- Support the growing computational and simulation requirements of advanced scientific communities
- Support the simulation needs of industry to boost its innovation capabilities
- Integrate national HPC installations into an European supercomputing infrastructure
- Interlink European computational resources (Tier-0 and Tier-1) with the aim to provide a seamless and efficient service to users
- Continue the DEISA Extreme Computing Initiative (DECI)
- Develop effective mechanisms for joint procurement and joint ownership of machines



Budget & Call Information

- **Indicative budget**
EUR 20 million
- **Funding Scheme**
 - Combination of Collaborative projects and Coordination and Support Actions (CP-CSA)



Contact & Further Information

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- Further information
http://cordis.europa.eu/fp7/ict/e-infrastructure/calls_en.html

