Transnational Access Programme for a Pan-European Network of HPC Research Infrastructures and Laboratories for scientific computing

Fact Sheet

Project Information

**HPC-EUROPA3**
Grant agreement ID: 730897

Funded under
H2020-EU.1.4.1.2.
H2020-EU.1.4.

Overall budget
€ 9 206 161,50

EU contribution
€ 9 206 161,50

Coordinated by
CINECA CONSORZIO INTERUNIVERSITARIO
Italy

Objective

HPC-Europa3 aims at maintaining the persistency of a high quality service of transnational access to the most advanced HPC infrastructures available in Europe for the European research science community. European researchers could rely on the existence of such transnational access activity for almost two decades, and the main aim of this new innovative 3rd edition of HPC-Europa series is to fill the gap left in the four years since the end of the last initiative has ended.

HPC-E3 also represents a powerful vector to enlarge the HPC PRACE users base by supporting the researchers in their early-career in HPC and numerical simulation,
and by covering, with a specific and dedicated attention, two regions that still present potential of improvement: the Baltic and the Western Balkans regions.

Objectives of HPCE3 will be:
- Provide access to 8 European HPC centres (with a target of 1,220 visits), via a single application and an international peer-review process, free of charge and with minimal administrative overhead;
- Mentor in the usage of the most advanced HPC facilities;
- Facilitate new scientific collaboration to be formed within an extremely wide network of scientific host labs in all the computational sciences domains;
- Increase awareness of the benefits in the use of HPC towards SMEs;
- Increase synergy and collaboration with other HPC initiatives;
- Identify a long-term sustainability roadmap to facilitate future access to HPC resources.

The project is based on a program of visit, in the form of traditional transnational access, with researchers visiting HPC centres and/or scientific hosts who will mentor them scientifically and technically for the best exploitation of the HPC resources in their research. The visitors will be funded for travel, accommodation and subsistence, and provided with an amount of computing time suitable for the approved project.

Two NAs and one JRA will maximize the effectiveness of the access service.

Fields of science

Programme(s)

Topic(s)

Call for proposal

H2020-INFRAIA-2016-1

Funding Scheme

Coordinator

CINECA CONSORZIO INTERUNIVERSITARIO
Participants (9)

THE UNIVERSITY OF EDINBURGH
United Kingdom
EU contribution
€ 1 525 750
Address
Old College, South Bridge
EH8 9YL Edinburgh
Activity type
Higher or Secondary Education Establishments
Website
Contact the organisation

BARCELONA SUPERCOMPUTING CENTER-CENTRO NACIONAL DE SUPERCOMPUTACION
Spain
EU contribution
€ 1 482 125
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08034 Barcelona
Activity type
Research Organisations
Website
Contact the organisation

UNIVERSITY OF STUTTGART
Germany
EU contribution
€ 1 083 065
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Keplerstrasse 7
70174 Stuttgart
Activity type
Higher or Secondary Education Establishments
Website
Contact the organisation

SURF BV
Netherlands
EU contribution
€ 1 199 637,50
Address
Science Park 140
1098 XG Amsterdam
Activity type
Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

CSC-TIETEEN TIETOTEKNIKAN KESKUS OY
Finland
EU contribution
€ 1 240 575
Address
Keilaranta 14
02101 Espoo
Activity type
Other

NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY
Greece
EU contribution
€ 438 429,84
Address
Leoforos Kifisias 7
11523 Athina
Activity type
Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

KUNGLIGA TEKNISKA HOEGSKOLAN
Sweden
EU contribution
€ 490 000
Address
Valhallavaegen 79
10044 Stockholm
Activity type
Higher or Secondary
Education Establishments
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<td>NATIONAL UNIVERSITY OF IRELAND GALWAY</td>
<td>Ireland</td>
<td>€ 281 500</td>
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<td>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS</td>
<td>France</td>
<td>€ 118 204,16</td>
<td>Rue Michel Ange 3 75794 Paris</td>
<td>Research Organisations</td>
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