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

Start date
1 May 2017

End date
30 April 2022

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
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<th>EU contribution</th>
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<tr>
<td>Via Magnanelli 6/3</td>
<td>Research Organisations</td>
<td>€ 1,346,875</td>
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**Participants (9)**

### THE UNIVERSITY OF EDINBURGH

- **United Kingdom**
- **EU contribution**: € 1,525,750

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<tr>
<td>Old College, South Bridge</td>
<td>Higher or Secondary Education Establishments</td>
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<td>EH8 9YL Edinburgh</td>
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### BARCELONA SUPERCOMPUTING CENTER-CENTRO NACIONAL DE SUPERCOMPUTACION

- **Spain**
- **EU contribution**: € 1,482,125

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<tr>
<td>Calle Jordi Girona 31</td>
<td>Research Organisations</td>
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<tr>
<td>08034 Barcelona</td>
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### UNIVERSITY OF STUTTGART

- **Germany**
- **EU contribution**: € 1,083,065

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<td>Keplerstrasse 7</td>
<td>Higher or Secondary Education Establishments</td>
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<tr>
<td>70174 Stuttgart</td>
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### 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)

Contact the organisation

CSC-TIETEEN TIEOTOTEKNIikan KESKUS OY

Finland

EU contribution

€ 1,240,575

Address

Keilaranta 14
02101 Espoo

Activity type

Other

Website

Contact the organisation

GREEK RESEARCH AND TECHNOLOGY NETWORK S.A.

Greece

EU contribution

€ 438,429.84

Address

Mesogeion Av. 56
11527 Athina

Activity type

Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Website

Contact the organisation

KUNGLIGA TEKNISKA HOEGSKOLAN

Sweden

EU contribution

€ 490,000

Address

Brinellvagen 8
100 44 Stockholm

Activity type

Higher or Secondary Education Establishments

Website

Contact the organisation
NATIONAL UNIVERSITY OF IRELAND GALWAY

Address: University Road, H91 Galway
Website: [Contact the organisation]

EU contribution: € 281 500
Activity type: Higher or Secondary Education Establishments

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

Address: Rue Michel Ange 3, 75794 Paris
Website: [Contact the organisation]

EU contribution: € 118 204,16
Activity type: Research Organisations

Last update: 10 January 2022
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