

ACTIVITY REPORT 2022

WELCOME TO OUR NEW MEMBERS

Six new entities have joined our Association.

THE 5TH EDITION OF THE SRA IS HERE!

2022 saw the completion of SRA 5. Technology road mapping is one of the main aims of our Association, with the SRA being our key deliverable.

PARTICIPATION TO DESTINATION EARTH

2022 is the beginning of ETP4HPC's participation in Destination Earth (DestinE).

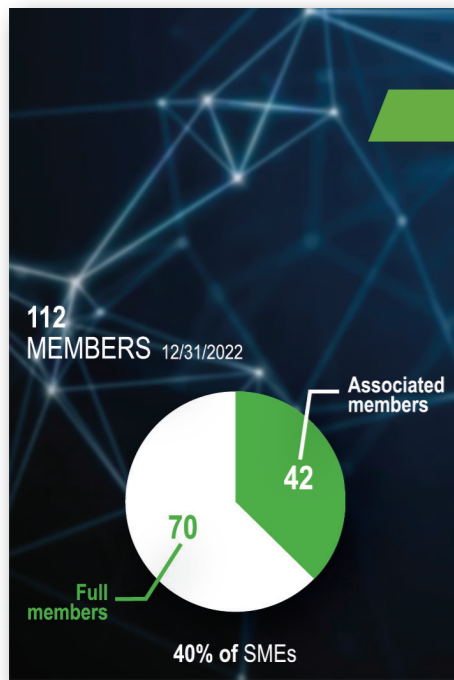
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EUROPEAN TECHNOLOGY
PLATFORM FOR HIGH
PERFORMANCE COMPUTING

STRATEGIC RESEARCH AGENDA - SRA 5

We have already issued four instances of our SRA, which have served as the basis for the definition of the HPC R&D Work Programmes issued by the EC or EuroHPC JU. ETP4HPC started to work on its fifth SRA in the middle of 2021, with a view to issue a fully-fledged document around the middle of 2022. This SRA was written by a 130 strong team of experts – i.e. representatives of ETP4HPC member organisations who define research priorities in specific areas and who are organised into 10 Working Groups.



ETP4HPC'S MEMBERS

In 2022 we were pleased to welcome:

- Northern Data AG, a German company (Associated Member)
- KU Leuven, a Belgian university (Full member)
- CNRS, Centre National de la Recherche Scientifique, a French Research Organisation (Full member)
- Tachyum, an SME based in Slovakia (Associated member)
- UbiOps, a Dutch SME (Associated member)
- Blockheating B.V., a Dutch SME (Associated member)

ETP4HPC'S HANDBOOK



Our traditional (and successful) Handbook of European HPC projects was transformed in 2022 into a website. This was motivated both by the general move towards online resources during the Covid pandemic, and by the desire to update 'as we go' rather than annually. It also allowed the introduction of new features, such as searches.



ETP4HPC WHITE PAPERS

While preparing the SRA and in other stream of work such as the TransContinuum Initiative, ETP4HPC also continued to deliver White Papers, ie. short documents tackling technical issues pertaining to European HPC. The findings of the White Papers are re-used in

ETP4HPC IN EuroHPC'S RIAG

ETP4HPC is a Private Member of the EuroHPC JU, along with BDVA and QuiC, and part of the EuroHPC JU's Research and Innovation Advisory Group (RIAG), which provides independent advice to the Governing Board on the strategic research and innovation agenda.

Out of the 12 members of the RIAG, six are appointed by the private members. ETP4HPC appoints three representatives and four observers (no voting rights):



Current representatives:

- Axel Auweter
- Daniele Cesarini
- Jean-Philippe Nominé (elected RIAG chair)

Current observers:

- Hugo Falter
- Martin Palkovic
- Carlo Cavazzoni
- Pascale Rossé-Laurent

ETP4HPC'S IN PROJECTS

European projects regularly call on the expertise of ETP4HPC. At the moment, ETP4HPC is particularly involved in Destination Earth and EUMaster4HPC.

• DESTINATION EARTH

2022 saw the beginning of ETP4HPC's participation in Destination Earth (DestinE). ETP4HPC has been approached by ECMWF – a long-time member of our association – to provide a Strategic Technology Agenda (STA) for DestinE. This cooperation with ECMWF takes the form of a subcontracting agreement for a project named "Strategic Technology Agenda for DestinE" which will run from September 2022 to April 2024.

ETP4HPC will perform the work by leading a consortium of partners involved in the TCI.



• EUMaster4HPC

As ETP4HPC considers education in the area of HPC one of the key success factors for the whole ecosystem, the Association takes part in the EUMaster4HPC project which also involves two of its members (Leonardo and E4) as Linked Third Parties. This project's duration is 4 years and it began in January 2022.

As a contributing partner, ETP4HPC will help EUMaster4HPC access the expertise and the resources of the European HPC industry, e.g. for the assessment of students applications, coordination of apprenticeships, publicising the project's work.

WEBINARS

ETP4HPC continued its successful webinar series which presented various areas of HPC and which also serve as a link connecting ETP4HPC members and the HPC community at large. The webinars are available in replay on our YouTube channel.



EVENTS



In-person events started again in 2022, but virtual events are clearly here to stay.

