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User experiences with the EOSC Compute Platform after 9 months

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The new EGI's flagship project started in January 2021 proposes to deliver the European Open Science Cloud Compute Platform and expand the supply-side, contribute to the implementation of the EU Data Strategy and the EOSC Data Commons to support the Green Deal, Health, Fundamental Research and Social Sciences and Humanities data spaces, integrate the EOSC Compute Platform in the EOSC Portal and the EOSC Core, contribute to the realization of a Global Open Science Cloud, and expand the demand-side and facilitate cross-domain sharing and exploitation of research datasets.

In this presentation we will focus more on how the project is contributing to facilitate cross-domain sharing and the exploitation of research datasets.

The cross-domain use cases supported by EGI-ACE included:

- 13 Data Spaces addressing the following disciplines: Health and Medicine (4); Climate Research (2); Energy and Physical Sciences (2); Environmental Sciences (4); and Social Sciences and Humanities (1).
- 7 international Early Adopters scientific communities aiming at expanding the initial capabilities offered by the project becoming new Data Space providers.

To support the 13 Thematic Data Spaces and the 7 Early Adopters cross-domain use cases the project created distributed Competence Centres across the NGIs, user communities, service and technology providers of the EGI Collaboration. Through these distributed Competence Centres the project provided the technical and the training support for supporting the integration of the scientific use cases in the EOSC Compute Platform.

To complement the engagement process and identify new emerging scientific areas and underrepresented disciplines, the project opened a call for use cases. By the time of writing of this abstract, during the first two cut-off dates of the EGI-ACE open call, more than 10 scientific use cases were selected and supported by the project. For each of the supported scientific use cases the project offered access to infrastructure and platform services, dedicated user support and training. The services and the resources offered to the use cases are sponsored by the European Commission and various national funding agencies and are free to access to the selected use cases.

In this presentation the status of the integration plans of the Thematic Data Space providers, Early Adopters and applications in the EOSC Compute Platform will be presented along with the lessons learnt after 9 months of project.

Speaker bio:
Giuseppe works as Community Team Lead at the EGI Foundation. One of his main activities is to establish strategies for the retention, development and growth of the network research projects and initiatives collaborating with EGI, of the community of users of EGI services, and for managing the EGI Engagement and Support Annual Plan and the Training Annual Plan.
Since 2004, both at National and European level, he has worked as technologist for the Italian National Institute of Nuclear Physics (INFN) division of Catania in distributed computing projects co-funded by the European Commission.

During these years, he has matured strong skills and competences on Grids and Clouds technologies, working on ICT scientific developments for supporting both emerging and already established VRCs. Giuseppe holds a MSc in Computer Science Engineering from the University of Catania (Italy).

Most suitable track

Collaborating across boundaries

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Primary authors: LA ROCCA, Giuseppe (EGI.eu); SIPOS, Gergely (EGI.eu)

Presenter: LA ROCCA, Giuseppe (EGI.eu)

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