

The European Open Science Cloud for Research

Today, EUDAT together with four other leading European initiatives, LIBER, OpenAIRE, GÉANT and EGI share their joint vision for the **European Open Science Cloud for Research**. This vision includes eight elements of success for a concrete contribution to the Digital Single Market.

This month also marked the end of the first successful **EUDAT Call for Data Pilots with 24 applications** from a broad range of European research infrastructures, communities and organizations. These pilots are from disciplines as diverse as earth and environmental sciences, biomedical and life sciences, social sciences and humanities, physical sciences and engineering.

ENES, from the climate change domain, and **VPH** covering medical and clinical research tell us why EUDAT is fundamental for their work. Want to know more about EUDAT? **Meet us** in Bari next week at the **EGI Community Forum 2015**.

The European Open Science Cloud for Research

Leading European initiatives, EUDAT, LIBER, OpenAIRE, EGI and GÉANT share their joint vision for the European Open Science Cloud for Research which includes eight elements of success for a concrete contribution to the Digital Single Market. The Open Science Cloud, part of the European Commission's Digital Single Market Strategy, will empower research data sharing, data stewardship and data reuse in Europe for the benefit of innovation and growth. Today's joint statement sets out the partners' strategic vision for the Open Science Cloud's organisation,...



Successful results for the first EUDAT Call for Data Pilots



The first EUDAT Call for Data Pilots closed on the 10th of October 2015. 24 applications from a range of research infrastructures, communities and organizations from across Europe were received. 8 applications from Earth Sciences, Energy and Environment, 6 from Biomedical and Life Sciences, 6 from Social Sciences and Humanities and 4 from Physical Sciences and Engineering (according to the ESFRI classification). Based on the information included in the applications, and if all are eligible to be implemented, the potential user audience is close to 40,000 users with a cumulative storage resource request of up to 4.3PB. The applications...



ENES and EUDAT for Climate Change

Michael Lautenschlager is the Head of the Department for Data Management at the German Climate Computing Centre (DKRZ) in Hamburg. His department supports the whole data life cycle of climate model data, and their work includes a special focus on supporting virtual research environments, supporting both the editing process and quality control for the publication of climate data, and operating a long-term archive for climate data. This long-term archive has a certification as World Data Center for Climate (WDCC) for which Michael is the Director. Michael is also involved with the European Network for Earth System Modelling (ENES) where...

[EUDAT Glues Virtual Physiological Human Framework Together](#)



Stefan Zasada is a Senior Research Associate at University College London (UCL) and is involved in the Virtual Physiological Human framework (VPH). Stefan is a software engineer in the Centre for Computational Science at UCL, where he works on developing lightweight grid middleware and enabling tools for high performance computing (HPC) and e-Science. He is currently working on a tool called ufBAC that is designed to speed up the process of calculating accurate drug-binding affinities, which thus has important applications in drug design/discovery and personalised medicine...

[Supporting collaboration & demonstrating interoperability - EUDAT Training and Synergy with EGI at the upcoming EGI Community Forum, 11 & 12 November 2015, Bari Italy](#)



On the 11th of November EUDAT will host a workshop in collaboration with EGI focused on presentation of the first steps taken toward the technical interoperability between the two. The workshop entitled "EGI EUDAT interoperability use cases" will see the participation of the EGI-EUDAT pilot communities (ICOS, BBMRI, ELIXIR, EISCAT-3D) that will be presenting their cross-infrastructure requirements. The aim is to show how to connect data stored in the EUDAT CDI to the high throughput and cloud computing resources provided by EGI and the other way around. The workshop will be followed on the 12th of November by a training...

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