News

← **EUDAT receives Horizon 2020 grant to develop the pan-European Collaborative Data Infrastructure**

EUDAT was awarded a further € 19 million grant from European Union's Horizon 2020 programme to continue laying out the foundation for the pan-European Collaborative Data Infrastructure. EUDAT offers a complete set of research data services, expertise and technology solutions to all European scientists and researchers. These shared services and storage resources are distributed across 15 European nations with data stored alongside some of Europe's most powerful supercomputers. The EUDAT initiative is coordinated by CSC. The kick-off meeting of the new project will be held this week at CSC.

EUDAT offers a suite of common data services, supporting multiple research communities and individuals. These services are offered through a geographically distributed, resilient network connecting general purpose data centres & community-specific data repositories and are designed, built and implemented based on user community requirements.

The recently adopted 315 billion euro Juncker EU Investment Plan is the first important signal of the new European Commission to get Europe growing again and get more people back to work. The creation of a dynamic EU Digital Single Market is a key element in this process and its impact extends to the whole Society. Research e-Infrastructures like EUDAT make a concrete contribution to reinforce the level-playing field and eliminate barriers to investment in the Digital Single Market by identifying and proposing solutions to barriers to the development of an e-infrastructure ecosystem. As part of the concrete plans proposed by the EC, "to establish a European

data service infrastructure with 100 nodes in Europe", EUDAT recently received a further € 19 million to continue laying the foundations for that data infrastructure.

"While Research and development expenditure in 2014 decreased particularly in Finnish business enterprises, expenditure increased by over EUR 40 million in the industries of computer programming, consultancy and related activities, as well as research and development. The recently launched Finnish Open Science and Research Initiative aims to ensure Finland becomes a leading country in openness of science and research by the year 2017. EUDAT concretely supports that endeavour by offering increasing visibility to Finnish research outputs and a European extension to national data services, allowing users to share, preserve and cite their research data, not just nationally but also on a European level", says **Anita Lehikoinen**, Permanent Secretary, Finland's Ministry of Education and Culture.

 "There is no fundamental reason why a Research Infrastructure could not obtain their e-infrastructure from some national centre or other service provider. But why is this not done, or at least, not enough? If we want to share the workload optimally and let everyone concentrate on what they do best – for example researchers on research and e-infrastructure providers on running the ICT services – we need to build trust between each of them", states **Kimmo Koski**, Managing Director, CSC – IT Center for Science & EUDAT Coordinator.

Currently EUDAT interacts and serves 29 scientific communities and plans to increase this interaction to over 50 communities in the next 3 years. In February 2015, EUDAT launched a data pilot with PRACE (the Partnership for Advanced Computing in Europe) offering data storage, up to 1PB at one or several of the 12 EUDAT sites for at least 24 months after the end of the PRACE grant, free of charge.

More information:
EUDAT services: www.eudat.eu/services
http://www.eudat.eu/news-media/press-releases/eudat-teams-prace-support-science
http://www.eudat.eu/news/research-data-made-simple
Damien Lecarpentier, Project Director, CSC, tel +358 50 381 9515 email: damien.lecarpentier(at)csc.fi

About EUDAT: This pan-European Data Infrastructure (EUDAT) is a network of collaborating, cooperating centres, combining the richness of numerous community specific

data repositories with the permanence and persistence of some of Europe's largest scientific data centres. EUDAT offers common data services, supporting multiple research communities as well as individuals, through a geographically distributed, resilient network of 33 European organisations. EUDAT is coordinated by CSC, and receives funding from the European Union's Horizon 2020 programme, DG Connect e-Infrastructures Unit under contract number 654065.

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