

## **EGI: Status, challenges and opportunities in the Digital Single Market era**

*Tuesday, 10 November 2015 09:50 (40 minutes)*

Nowadays, research is increasingly and in many cases exclusively data driven. Knowledge of how to use tools to manipulate research data, and the availability of e-infrastructures to support them, are foundational.

New communities of practice are forming around interests in digital tools, computing facilities and data repositories. By making infrastructure services, community engagement and training inseparable, existing communities can be empowered by new ways of doing research, and can grow around interdisciplinary data that can be easily accessed and manipulated via innovative tools as never done before.

Key enablers of this process are openness, participation, collaboration, sharing and reuse, and the definition of standards and the enforcement of their adoption within the community. In some disciplinary areas communities succeeded in defining and adopting a community governance of the production and sustainable sharing of data and applications.

The European Commission has identified the completion of the Digital Single Market (DSM) as one of its 10 political priorities and much effort is being done in aligning strategies and initiatives along the DSM targets.

This presentation provides an overview of the services and the initiatives that EGI is supporting to promote open science and the technical roadmap and challenges that will drive its future evolution.

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