



d4SCIENCE

D4Science

Distributed colLaboratories Infrastructure on
Grid ENabled Technology 4 Science

Start date 1 January 2008
Project duration 24 months
Total budget 3.92 million €
Funding from the EC 3.15 million €

■ Project description

The main objective of D4Science is to deploy the **e-Infrastructures** built by the **EGEE** and **DILIGENT** projects so that they address the needs of scientific communities affiliated with the broad disciplines of **Environmental Monitoring** and **Fisheries and Aquaculture Resources Management**. These e-Infrastructures offer mechanisms that exploit networks, grids, and data in a seamless fashion. They will enable communities to operate within a coherent pan-European model, regardless of the location of their research facilities.

The project will consolidate and expand these open e-Infrastructures to better address the needs of the two major target disciplines. Thousands of scientists will obtain increasingly more facilities for creating Virtual Research Environments based on shared computation, storage, and generic service resources offered by EGEE and DILIGENT, as well as on data and domain-specific service resources offered by large international organisations, such as **ESA**, **FAO**, and **CGIAR**.

The envisioned D4Science e-Infrastructure will have a multiplicative benefit to many scientific fields and will also act as a catalyst for cooperation and cross-fertilization among multiple communities that is necessary for addressing many grand challenges of science and society. }

www.d4science.eu

