



ICORDI - International Collaboration on Research Data Infrastructure

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Over the last 10 years, significant investments have been made in both the European Union and the USA for developing scientific data infrastructures to support the work of research communities and improve shared access to data. On both sides of the Atlantic, there is a shared understanding that solutions must be global and that the development of an integrated and interoperable data domain can only be achieved through increased global collaboration. Funded by the EU's Framework 7 Programme, and linked closely with funding initiatives from the US National Science Foundation and the Australian National Data Service, iCORDI aims to be the premier global forum driving convergence between emerging global data infrastructures.

ICORDI is based around three complementary programmes: a) an analysis programme examining data organization techniques and solutions as they emerge from various scientific communities; b) a prototype programme supporting a series of cross-infrastructure experiments on EU-US interoperability with a selected group of communities; and c) a workshop programme showcasing the outcomes of the other two. Together, these three programmes allow iCORDI to support a major new international initiative – the Research Data Alliance – an organisation that aims to accelerate and facilitate research data sharing and exchange worldwide.

We will present an overview of iCORDI's aims, goals and methods, introduce the Research Data Alliance, and discuss initial plans for iCORDI's particular engagement with the international DRIHM2US hydro-meteorology infrastructure collaboration.