



GRDI 2020

A Vision for Global Research Data Infrastructures



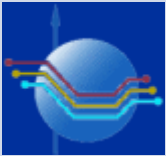

Towards a 10-Year Vision for Global Research Data Infrastructures

*Supporting the development of a new
knowledge ecosystem*

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International Consortium

Partner	Experience & Expertise	GRDI2020 Role
Trust-IT Services, UK 	Specialised marketing & communication services focusing on advanced, hi-R&D-content ICT topics, ICT-focused event organisation through strategic promotion & communication, development of international user communities	<ul style="list-style-type: none"> • Project Coordinator • Overall project management • Communication & awareness raising activities
CNR-ISTI, IT 	Experience in EU-funded projects including DRIVER II, D4 Science, D4 Science II, DL.org & Europeana v1.0	<ul style="list-style-type: none"> • Leader of GRDI2020 Roadmap Report • Coordinator of Advisory Board, • Support to the GRDI2020 WGs
ATHENA RC, GR 	ATHENA RC conducts research and participates in R&D projects in the area of data management and large-scale information systems.	<ul style="list-style-type: none"> • Coordinator of GRDI2020 WGs • Leader of Application Organisational WG
KTH, SW 	KTH PDC has a vast experience in parallel computing and hosting data repositories for a wide range of scientific users including the NeuroGenerator database and the Human Protein Project	<ul style="list-style-type: none"> • Leader of Technological WG • Organiser of GRDI Events



GRDI2020

A Vision for Global Research Data Infrastructures

Technological Working Group

Focus on data challenges and issues like interoperability, scalability, curation, data access and financial feasibility and proposing steps towards their solution.

Roadmap on Global Data Research Infrastructures

GRDI2020 contributes to defining a future Roadmap focused on Global Data Research Infrastructures in close collaboration with the European Commission, policy groups and research user communities.

Organisational Working Group

Strong support on activities related to organizational and policy topics identifying a core set of crucial open problems for the development of Data Infrastructures and suggesting possible solutions.

Advisory Board

Ensuring an international perspective by facilitating the establishment of a worldwide network of relationships with relevant communities, funding agencies, and European and international organizations and supporting activities around the development of recommendations for the data research infrastructures of the future.

Evolving eScience digital repositories and incorporating their holdings into an open information ecosystem will extend and strengthen Europe's Information Space, enabling new scientific methods and paradigms, while enhancing the efficiency of the scientific process and its impact.



ICT2010 – 27-29 September,
Brussels, Belgium



GRDI2020 workshop in
collaboration with GRL2020
Africa, co-located with CODATA22
- 23-24 October, 2010,
Cape Town, South Africa



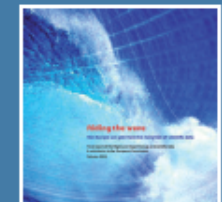
ICT2010 – 27-29 September 2010, Brussels, Belgium.

- * **Scientific Data Infrastructures - Empowering research in the data-driven Age** – exhibition stand co-ordinated by GRDI2020 together with a group of scientific data infrastructure projects - D4Science-II, DRIVER II, GENESI-DR, IMPACT, METAFOR, OpenAIRE, PARSE.Insight and SEALS - to demonstrate data infrastructure solutions spanning multiple-user communities and scientific disciplines, from astronomy to digital libraries, and biology to climate change - 27-29 September 2010, Brussels, Belgium.
- * **Global Information Infrastructures** - Networking Session co-ordinated by DL.org and co-hosted with GRDI2020 and DC-Net - 9:00-10:30, 29 September 2010, Brussels, Belgium.

GRDI2020 workshop in collaboration with GRL2020 Africa, co-located with CODATA22, 23-24 October 2010, Cape Town, South Africa.

- * Invitation-only event, to harness the global expertise that exists in the field and to mobilise data infrastructure stakeholder communities to foster a better understanding of the technical and organisational/policy challenges that need addressing to arrive at advanced infrastructures over the next ten years.

GRDI2020 supports the launch and promotion of the *Riding the Wave: How Europe can gain from the raising tide of scientific data* report of the European Commission High Level Expert Group on Scientific Data.





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KEY WORDS SEARCH

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Towards a 10-year vision for Global Data Infrastructures Workshop

GRDI2020 in collaboration with GRL2020 Africa, Co-located with CODATA22



Registration is Open!

Latest Publications



Establishing a framework for obtaining technical, organisational, and policy recommendations to guide the development of an ecosystem of Global Research Data Infrastructures.
Find more on Data Research Infrastructures.

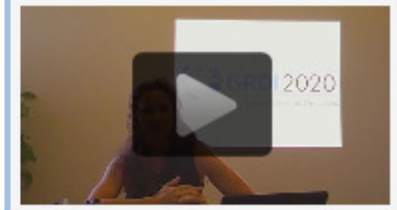


Data Research Infrastructures documents around the world. [Find more.](#)



Up-Coming Events

- GRDI2020 Networking session @ ICT2010
- GRDI2020 exhibition stand@ICT 2010



GRDI2020 Virtual Goody Bag at ICT2010



GRDI2020 Channel – www.grdi2020.eu



Call for Action

Get Involved!

- ✓ Project snapshot
- ✓ Sharing user needs
- ✓ Technical & organisational challenges
- ✓ Showcasing success stories
- ✓ Feedback on GRDI2020 Roadmap – public consultation

GRDI2020 – info@grdi2020.eu

Thank you!