

Supporting Open Science through a global network of open, digital repositories

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140 members from 40 countries on all continents

Role:

- A shared vision and international voice of repositories
- Capacity building for repositories and repository networks
- Interoperability
- Value added services



Open science is about
innovation, impact, and
transparency of research

Repositories are the foundation of open science

Repositories preserve and provide access to the
valuable products of research: publications, data, etc.

The current context

- At least **5000 repositories** world-wide
- A very **distributed and diverse** landscape: different policies, languages, available resources, domains, research priorities, technologies, expertise, politics, funding and organizational models, etc.
- The need for **interoperability to support the development of value added services** on top of repository content (e.g. integrating and connecting related content, text and data mining, other types of analytics for new discoveries)

A delicate balance...

Distributed environment to support local management, funding, and priority setting

Seamless, international infrastructure that provides access to and supports integration and reuse of content



Some challenges

three examples



1.

Technologies and solutions
adopted in developed
countries **do not always**
transfer well to developing
countries

2.

Standards and quality requirements to participate in the international system can inhibit new entries and reduce inclusivity

3.

Too much centralization
often **works against** the aims
of sustainable development
and local capacity building

Stakeholder Engagement

- Governments and funders – **Track social impact** and use this to get onto the political agenda
- Regional partners - **develop and nurture relationships**; trust is key. Spend time in partner countries to understand their context
- Users – engage with user communities and **demonstrate the value** of the infrastructure for their needs

