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)

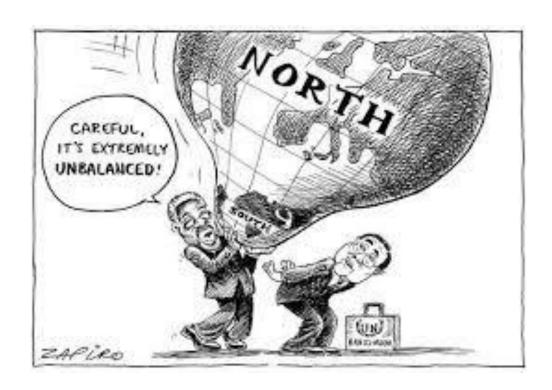
A delicate balance...

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

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

