



THE GLOBAL SCIENCE FORUM AND OPEN DATA POLICY DEVELOPMENT

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The OECD-Global Science Forum (GSF)

- Global science policy forum (33 countries + EU)
- Working Party of the Committee on Science and Technology Policy within the OECD Science, Technology and Innovation Directorate.
- Convenes national delegates from science ministries, funding agencies and academia
- Open to non-member countries and partners
- Venue for shared learning, bench-marking and consensus building.
- GSF reports can be influential – land on ministers' desks
- Possibility of OECD recommendations that are 'soft law', e.g. 2007 guidelines on access to data from public research
- OECD Ministerial meeting in October, 2015, gave remit to work on policies for open science.



The Open Data policy context

- Open data access is a policy priority in most countries and for addressing global challenges
- Open data expected to promote better science, spur innovation and have societal benefits
- Scientific data is massively expanding
- Public science budgets are (tightly) limited and long-term commitment is difficult
- Some areas of science are already much more open and collaborative than others
- Efficiency, effectiveness and impact are high on the policy agenda



2 key science policy questions

1. How do we sustainably support the necessary ‘state of the art’ data repositories?
2. How do we coordinate across countries (and disciplines) to ensure efficient and effective investment in cyber-infrastructure?



GSF-CODATA Project on Business Models for Data Repositories

Expanding on RDA interest Group work, to explore:

- How different data repositories are currently funded
- What innovative income streams are available

And adding more in depth policy analysis to assess:

- What income streams match willingness/ability to pay of various stakeholders
- How income streams/willingness to pay fit together into a sustainable business model



GSF-WDS project on International coordination of cyber-infrastructures

- Aim: to establish principles and policy actions that can accelerate the establishment of open and sustainable global science data infrastructures
- Analyse international data networks (~20) from different fields of science
- Assess: governance, services, operating principles, curation and access models, human resource needs, funding etc.



Project implementation

- Overseen by International Expert Groups, comprising national nominees from GSF delegates, EC and international partners (CODATA/WDS/RDA)
- Incorporate policy users and mutual learning in project design and implementation
- International and interdisciplinary
- Mix of surveys/interviews, expert workshops and benchtop analysis
- Work with partners to combine ‘bottom up’ community and ‘top down’ policy maker perspectives
- Final reports with policy options and recommendations in mid 2017



Thank You

