4C Curation Costs Exchange:
Invited Response and Connections

Simon Hodson

Executive Director CODATA

www.codata.org/blog
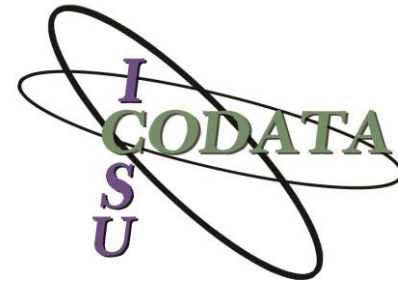
execdir@codata.org

@simonhodson99

CODATA: Committee on Data for Science and Technology

ICSU's Mission ➡️ **CODATA's Mission**

*"Strengthen international science for the benefit of society **by promoting improved scientific and technical data management and use**."*

CODATA

Open Data Policies

Challenges in Data Science
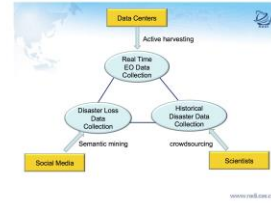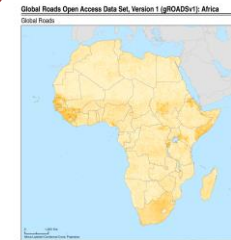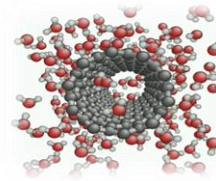
DSJ

Capacity Building

International Collaboration

SciDataCon 2014, 2-5 Nov, New Delhi

Curation Costs Exchange: Responses

- Trusted place to exchange cost information seems a valuable initiative.

- Success clearly depends on reaching critical mass.

- Useful to have breakdowns against various cost categories and to compare different types of institution.

- Responses/connections from three perspectives:

    - Dryad: granularity, can we compare like with like?

    - RDA Group on Cost Recovery: from costs to cost recovery and business models?

    - CODATA: internationalisation?

Dryad Sustainability

- Exploring a depositor pays business model:
  http://datadryad.org/pages/pricing

- Started charging on 2 Sept 2013.

- Relying on low cost, low curation, high throughput business model.

- Charges range from 50USD to 90USD per data package.

- Emphasises researcher responsibility to ensure quality of data and metadata.

- **Will there be sufficient granularity in CCEX to accommodate Dryad model?**

Coming September first, Data Publishing Charges to help sustain open data at Dryad
Learn More »

| Research Funder | Research Project | Gold OA Fee/APC | Journal | Dryad |

Background: RDA Cost Recovery Group

- Basic 'structural' funding of data infrastructure may not keep pace with increasing costs

- Need to consider alternative cost recovery options and a diversification of revenue streams

- Not just who will pay for public access to research data, but how these payments will be made

Cost Recovery and Business Models: Objectives and Deliverables

- **A contribution to strategic thinking** on cost recovery by conducting research to understand current and possible cost recovery strategies for data centres

- **Report providing insights into the** various cost recovery models available to data centres and the appropriateness to different situations.

- What **business models** exist and are available for the data centres that provide public access and what options are open for data centres to diversify their income?

- What approaches to funding are available that may help ensure sustainability of data centres?

Work Packages

- **Work Package 1:** summary of current work on cost models (including recent work conducted by the 4C and APARSEN projects and by ICPSR);

- **Work Package 2:** summary of funding policies specifically relating to how the costs of data availability/publication may be recovered;

- **Work Package 3:** survey by means of short structured interviews and focus groups, of various existing approaches to cost recovery and available/possible business models;

- **Work Package 4:** detailed case studies of the cost recovery strategies of a limited set of data centres.

- **Work Package 5:** report and conclusions, *White Paper on Cost Recovery Options for Data Centres*
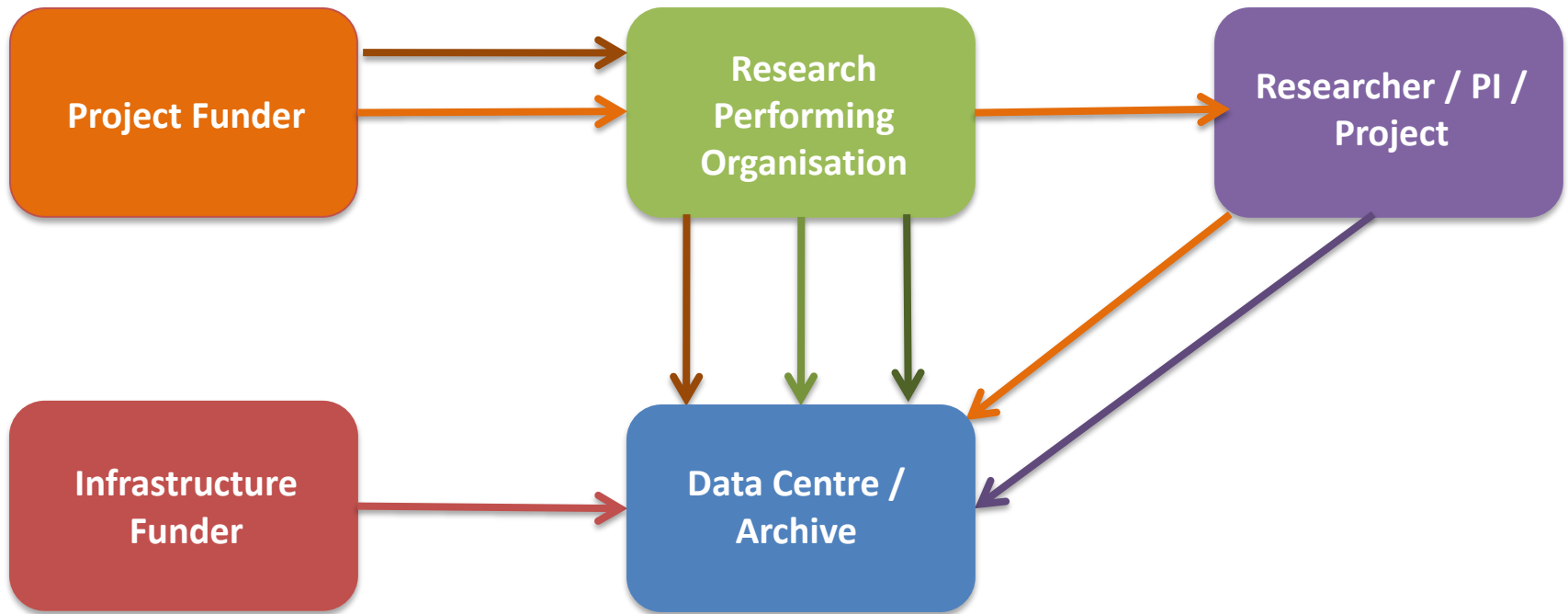
1. **Structural (central contract)**
2. **Hosting Support (indirect or direct support through institutional hosting)**
3. **Annual Contract (from depositing institution)**
4. **Data Deposit Fee**
5. **Access Charge**
6. **R&D Projects**

International Workshop on Open Data for Science and Sustainability in Developing Countries

- Developed a set of *Principles of Preservation of and Open Access to Research Data in Developing Counties* and *Guidelines* for their implementation.

- Strong endorsement for the workshop from Kenyan Cabinet Secretary and from local universities and research institutes.

- Cabinet Secretary Dr. Fred Matiang'i: announced data centre to be established at JKUAT in order to accelerate analysis, management and archiving of data.

- **How can the CCEX be adapted to developing countries? Can CODATA help internationalise it?**

Thank you!

Simon Hodson
Executive Director CODATA
CODATA Website: http://www.codata.org/
Email: execdir@codata.org
Twitter: @simonhodson99
Tel (Office): +33 1 45 25 04 96 | Tel (Cell): +33 6 86 30 42 59
CODATA (ICSU Committee on Data for Science and Technology), 5 rue
Auguste Vacquerie, 75016 Paris, FRANCE