



# Funding Sustainability and Domain Repositories

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# Sources

- Ember, Carol and Robert Hanisch, Sustaining Domain Repositories for Digital Data: A White Paper, December 11, 2013, [http://datacommunity.icpsr.umich.edu/sites/default/files/WhitePaper\\_ICPSR\\_SD\\_RDD\\_121113.pdf](http://datacommunity.icpsr.umich.edu/sites/default/files/WhitePaper_ICPSR_SD_RDD_121113.pdf)
- *RDA-WDS Cost Recovery Interest Group: Ingrid Dillo, Simon Hodson, Anita de Waard*, Income Streams for Data Repositories <https://docs.google.com/document/d/1PzVXdTH7GhcvHYWd5jGfomkqkKPSWmkiyHy5mqEURBE/edit#>
- Cost Recovery for Data Centres Working Group Case Statement: [https://rd-alliance.org/sites/default/files/case\\_statement/RDA\\_WDS\\_IG\\_Publishing\\_Costs.pdf](https://rd-alliance.org/sites/default/files/case_statement/RDA_WDS_IG_Publishing_Costs.pdf)
- Hodson, Simon, Sustainable Business Models for Data Repositories, RDA Plenary, Tokyo, March 3, 2016, <https://rd-alliance.org/sites/default/files/attachment/S.%20Hodson%20Business%20Models%20Presentation.pdf>

# OECD Global Science Forum project

“OECD Global Science Forum project will run for 15 months or so from April 2016 and will extend the survey of repositories. We will hold two workshops, one to look at innovative income streams and options for cost restraint, the other to test more thoroughly with stakeholders, willingness to pay (for what and how) and the viability of various business models for different levels of curation, data services etc. The output will be positive and concrete OECD policy recommendations for business models that will promote sustainable data infrastructures.”

<https://rd-alliance.org/group/domain-repositories-interest-group-rdawds-publishing-data-cost-recovery-data-centres-ig/post-3>



<https://www.flickr.com/photos/athrasher/2823255013>

# Repository Functions

- Curation – Adding value to the data
- Preservation – Insuring the data are available for the long-term
- Interoperability – Enabling comparison across data collections
- Citation – Linking data to publications
- Protecting Confidentiality & IP
- Community Engagement – Connecting with the domain's users
- Innovation – Developing new services



# Existing Funding Models

- Structural/Federal Funding
- Research and Development Projects
- Institutional Support
- Access Fees (Membership)
- Submission Fees
- Contract from depositing institution



# Possible New Funding Models

- Value-Added Services
- Commercial Services
- User Fees
- Overhead
- Infrastructure

# Recommendations



Commit to sustaining institutions that assure the long-term preservation and viability of research data.

*“We estimate that successful domain repositories can be operated at funding levels of less than 5% of the total research budget”*

Promote cooperation among funding agencies, universities, domain repositories, journals and other stakeholders.

*“Funding agencies should re-direct resources to support data curation and archiving. Universities should provide facilities for researchers and assure compliance with archiving requirements. Domain repositories should establish partnerships with universities and institutional repositories to provide facilities and expertise across all disciplines.”*

Incentivize PIs to archive data.

*“PIs should not be faced with a tradeoff between accomplishing their scientific objectives and sharing their data. For example, data curation for archiving should be funded by mechanisms that are outside the funding allocated for the principle aims of a research project.”*

Diversify funding

# For discussion...

- What role can the ICSU World Data System play?
- How can we move beyond policy recommendations?
- Should we allow natural ebb and flow of business?

Thank you!

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