Developments in research funder data policy

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Outline

- How have data policies evolved and changed?
- RCUK Common Principles
- EPSRC policy framework
- Responses to requirements
Evolving data policies

Research data policy developments

- NERC data policy handbook
- AHRC dataset requirements (c.1999)
- ESRC data policy
- MRC policy
- Wellcome Trust policy
- BBSRC policy
- CRUK policy
- EPSRC policy
- Edinburgh Uni policy
- STFC policy
- New MRC policy
- New ESRC policy
- New NERC policy
- RCUK good scientific practice
- OECD declaration
- OECD principles & guidelines
- RCUK good research conduct
- UKRI code of practice
How have requirements changed?

• Increasing emphasis on data sharing & reuse
• More clearly defined roles and responsibilities
• Introduced notions of value to select data
• Money to meet costs associated with RDM
RCUK Common Principles

7 principles agreed by the UK Research Councils:

1. open access in line with OECD principles
2. preserve data of long-term value to ensure continued access
3. publish metadata online and in publications for discoverability
4. appreciation of legal, ethical and commercial constraints
5. researcher entitlement to a limited period of privileged use
6. recognition for researchers who share data
7. use of public funds for data management & sharing

www.rcuk.ac.uk/research/Pages/DataPolicy.aspx
New trends via Common Principles

2. data with **acknowledged long-term value** should be preserved and remain accessible and usable

3. ...sufficient **metadata** should be recorded and made **openly available** ... Published results should always include information on **how to access the supporting data**.

6. to recognise the intellectual contributions of researchers... all **users should acknowledge the sources of their data**

7. It is **appropriate to use public funds** to support the management and sharing of publicly-funded research data
EPSRC policy framework

• Doesn’t require data management plans

• Places onus on research organisations

• Very specific and exacting requirements
   → raises the bar!

• Roadmap required by 1st May 2012 to be fully compliant with expectations by 1st May 2015.

www.epsrc.ac.uk/about/standards/researchdata/Pages/default.aspx
Q: Why is the EPSRC policy so significant?

Value of research grants awarded by RCUK members in 2009-10

<table>
<thead>
<tr>
<th>Council</th>
<th>Amount in £000s</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHRC</td>
<td>58,463</td>
</tr>
<tr>
<td>BBSRC</td>
<td>402,837</td>
</tr>
<tr>
<td>ESRC</td>
<td>135,009</td>
</tr>
<tr>
<td>EPSRC</td>
<td>530,040</td>
</tr>
<tr>
<td>MRC</td>
<td>249,275</td>
</tr>
<tr>
<td>NERC</td>
<td>120,532</td>
</tr>
<tr>
<td>STFC</td>
<td>120,429</td>
</tr>
</tbody>
</table>

Figures are taken from the financial statements in the 2010 Annual Report of each Research Council.
A: No RO wants to risk losing so much £!

Value of current EPSRC research grants on 1/11/2010 by number and type of organisation in receipt

<table>
<thead>
<tr>
<th></th>
<th>&gt;£1m</th>
<th>£1-2m</th>
<th>£2-10m</th>
<th>£10-49m</th>
<th>£50-99m</th>
<th>£100-199m</th>
<th>£200-375m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other organisations</td>
<td>43</td>
<td>18</td>
<td>28</td>
<td>16</td>
<td>7</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Russell Group Unis</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>5</td>
<td>7</td>
<td>6</td>
</tr>
</tbody>
</table>

Figures are taken from EPSRC Grants on the Web post-November 2010 grants portfolio at: [http://gow.epsrc.ac.uk/NGBOListOrganisations.aspx](http://gow.epsrc.ac.uk/NGBOListOrganisations.aspx)
Institutional research data policy

<table>
<thead>
<tr>
<th>Institution</th>
<th>Policy name</th>
<th>Date released</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oxford</td>
<td>Commitment to Research Data Management</td>
<td>2010</td>
</tr>
<tr>
<td>University of Edinburgh</td>
<td>Research Data Management Policy</td>
<td>16 May 2011</td>
</tr>
<tr>
<td>University of Northampton</td>
<td>Research Data Policy</td>
<td>June 2011</td>
</tr>
<tr>
<td>University of Hertfordshire</td>
<td>Data Management Policy (see s.7 on research data and the appendix 'Guide to RDM')</td>
<td>1 Sept 2011</td>
</tr>
</tbody>
</table>

University of Southampton...  
University of Manchester...  
University of Nottingham...  

} in draft form

Several more coming via JISC MRD 02

University of Oxford RDM projects

- UKRDS pathfinder
- Sudamih (humanities data mgmt)
- Admiral (life science data mgmt)
- DataShare project
- Data Audit Framework
- EIDCSR (embedding services)
- Scoping Digital Repository Services
- DaMaRO

www.ict.ox.ac.uk/odit/projects/datamanagement
Policy into practice?

Thanks to Mark Thorley of NERC for original concept and design. Based on presentation given at RDMF7 Incentivising Data Management & Sharing
Thanks for listening

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