Research360: Data in the Research Lifecycle

Data is an important product of research that should, as far as possible, be accessible for re-use. This requires key stakeholders from across the institution to develop mechanisms that enable data management throughout the research lifecycle.

**Drivers**

- Funder mandates: EPSRC require institutions to comply with their expectations for research data management by 2015. Most major funding councils have similar expectations of the research they fund.
- Open access & research impact: The government expect publically funded research data to be as accessible as possible. Researchers can receive credit for publishing research data outputs via data citation.

**Activities**

- Researchers receive credit for re-use of published data
- RDSO support for preparation of Data Management Plans
- Institutional template for the DMP Online tool
- Clarify potential for data sharing in new contracts
- Expand use of Virtual Research Environments e.g. Sakai
- Automate data capture & embed in the research workflow
- Assign metadata at the point of data production
- Investigate legal implications of cloud storage
- Encourage use of managed storage to prevent data loss
- Provide secure facilities to enable data sharing with collaborators

**Stakeholders**

- Researchers
- Library
- Publishers
- Computing Services
- Collaborators
- Library
- Researchers
- Industrial partners
- Researchers
- Collaborators

**Support and Training**

- Help with funding proposals - data management plans
- Workshops in Researcher Development Unit
- Guidelines for data storage
- Focal website for all RDM resources

**Advocacy**

- Support and training
- Sustainable cultural change: Develop new policies clarifying roles & responsibilities
- Long term strategic plan: Identify the benefits of managing data
- Ensure communication between different stakeholders