Research360

Managing data across the institutional research lifecycle

The Research360 Project will develop **technical and human infrastructure for research data management at the University of Bath,** as an exemplar research-intensive university within the 1994 Group.

Overview

Research360 uses a multi-level planning approach and builds on the I2S2/KRDS Benefits Toolkit with a focus on faculty research data drivers for the REF. It draws on a cross-Faculty Doctoral Training Centre as a central hub for data management planning and training activities. A transferable Faculty cascade approach will be adopted to scale the RDM implementation across the whole institution.

We will build on and extend selected Digital Curation Centre services and tools by applying them in the novel context of data management practice closely linked to multidisciplinary industrial and private sector research partnerships. We anticipate the data requirements and management challenges that these particular business partnerships highlight will be very valuable for many other HEIs who also work closely with corporate partners. We will capture this knowledge and experience in a new DCC Briefing Paper and "How to Guide", which will inform the wider JISC community.

Key objectives

The project will:

- o Build on a 360-degree institutional research lifecycle model which is transferable to other research-intensive HEIs;
- o Focus on issues and challenges that arise from private sector partnerships and research collaborations;
- o Describe the roles and responsibilities of institutional stakeholders required to meet funder expectations;
- o Target the research practitioner, Faculty, support services and senior institutional managers in the development of RDM plans;
- o Position funder expectations and the Research Excellence Framework (REF), as key drivers for change;
- o Deconstruct the process that results in institutional research data management policy.
- o Develop an extensible technical infrastructure for RDM within the Faculties of Science and Engineering & Design, as a proof-of-concept for the Faculty cascade model;
- o Use Doctoral Training Centres as hubs for the development and delivery of training and advocacy modules in partnership with librarians.

Major outputs

- o Roadmap / Implementation Plan which addresses funder expectations (EPSRC).
- o Faculty-Industry Data Requirements Report.
- o Institutional RDM4REF Business Case
- o Draft University of Bath Research Data Management Policy
- o Faculty-Industry RDM Case Studies
- o Faculty-Industry Data Storage Guidelines
- o DCC How-to Guide on Managing Faculty-Industry Research Data
- o RIM Guidelines for Data-driven Reporting and Institutional Benchmarking
- o VRE (Sakai) training module.

Project team

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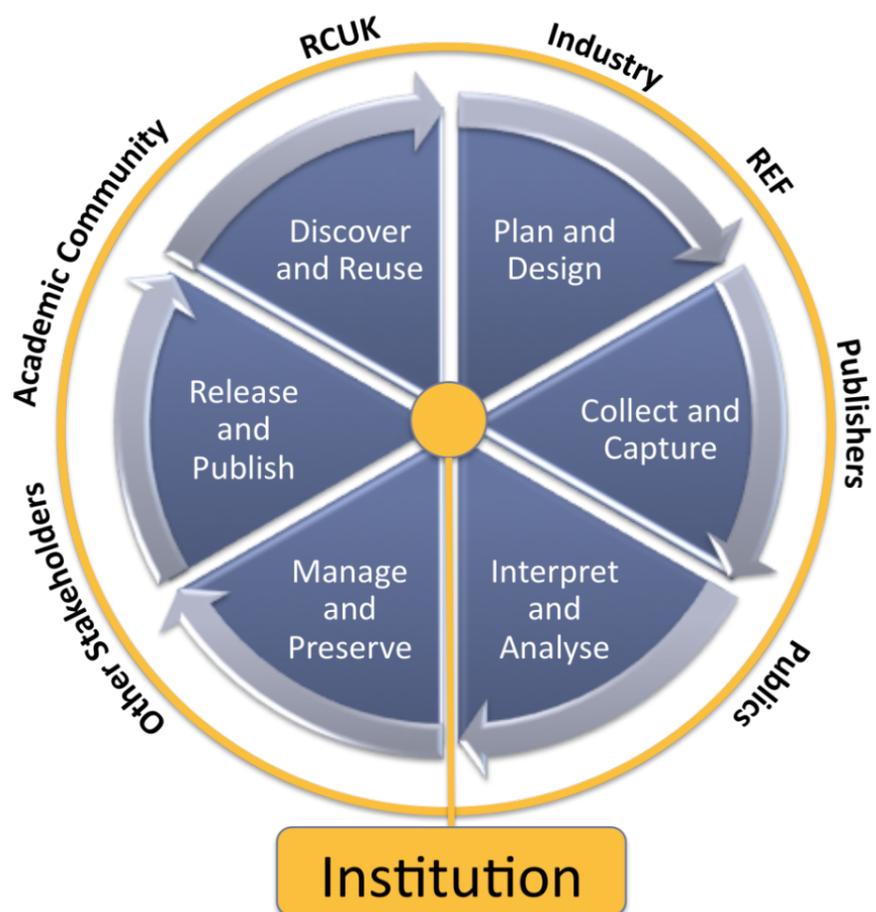Dr Maria Wells

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