

# Enhancing Repository Infrastructure in Scotland (ERIS)

JISC



# Why?

Building on Scottish  
opportunity

Maintaining momentum  
at a crucial  
development point for  
institutional repositories

Acknowledging the  
successes of Scotland  
research pools

# What

Developing on the recommendations and pilot works from the IRIScotland Project(s)

Work funded by JISC under the Information Environment Programme 2009-11 and through generous partner contributions

Project running from April 2009 – March 2011

# Who's involved

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# Who

# Principal Project Partners



University of Edinburgh (**Lead Institution**)



SAC (Scottish Agricultural College)



CDLR - Centre for Digital Library Research



SCURL (Scottish Confederation of University and Research Libraries)



DCC (Digital Curation Centre)



National Library of Scotland



SLIC (Scottish Library and Information Council)



OCLC / RLG



University of Glasgow

# Who

# Principal Project Partners

(research pools)



Scottish Alliance for  
Geoscience, Environment  
& Society (SAGES)



Scottish Universities Life  
Sciences Alliance  
(SULSA)

Scottish Informatics and  
Computer  
Science  
Alliance (SICSA)



Scottish Institute for  
Research in Economics  
(SIRE)

# What are our goals

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# goals

develop a set of user-led and user-centric approaches that will motivate researchers to deposit their work in repositories

facilitate the integration and use of repositories into research

develop the IRIScotland pilots into trusted cross-repository services, capable of providing access to a critical mass of Scottish research output.

# also!

(and very significantly)

working in close partnership with research pools

investigate, develop and implement ways of providing the best repository infrastructure and functionality for research pooling and other types of collaborative work.

# **Project aims and objectives**

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# aims

1. enhance the level of researcher engagement with repositories with a view to achieving a more sophisticated understanding of what repository functionality is needed.

# aims

2. enhance curation and preservation processes within institutions with a view to strengthening credibility about the longevity and value of repositories and repository content amongst researchers

# aims

3. provide user led tools that will improve researcher-centric functionality and strengthen the synergy between the institutional repositories and the central elements of a cross-repository service.

# aims

4. develop a policy framework for organisational and financial sustainability for an ongoing set of services

# How will we do this?

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**(The project work  
packages)**

# How

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**1. Enhancing  
Researchers'  
Engagement with  
Repositories**

# How

Developing networks involving subject-specific research pools including those partnering with **ERIS**

Developing – in partnership with liaison/subject librarians – networks of individual researchers across institutions – including research institutions outside universities – and focusing on disciplines not included in the research pools participating in the project

## 1. Enhancing Researchers' Engagement with Repositories

Develop, in partnership with OCLC/RLG, a programme of discussions with these networks and a methodology to ensure that the outcomes of these discussions inform the work of the project as a whole

# How

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**2. Enhancing  
Curation and  
Preservation  
Processes within  
Institutions**

# How

## 2. Enhancing Curation and Preservation Processes within Institutions

Conducting a survey of Scottish HEIs, building on prior DCC investigations of institutional curation and preservation policies

Building upon current DCC tools to produce a framework enabling institutions to develop curation policy and data plans within the context of the DCC Lifecycle Model

Working with repository managers to create a framework for the definition of machine-readable digital object preservation policies

Investigating the advantages and feasibility of developing a long-term preservation facility for institutional repositories based at the National Library of Scotland

# How

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**3. Technological  
Enhancements  
for Improved  
Research-centric  
Functionality**

# How

Developing and modifying institutional repositories to permit the building of research pool-specific 'virtual repositories'

providing institutional repositories with the necessary functionality to structure and transport complex aggregations of resources

Provide functional options to manage deposit version information at institutional repository level as requested by the users

## 3. Technological Enhancements for Improved Research-centric Functionality

Subject access enhancements – using CDLR HILT web services to improve resource discovery, aid in subject cataloguing, and to increase the ability of institutions in showcasing their subject strengths

# How

*Continued/*

**Statistical reporting– this will involve implementing usage statistics and live feeds from the repository platforms**

**Providing a preservation service option. Description and transportation of aggregated content from institutional repositories to a central location**

## **3. Technological Enhancements for Improved Research-centric Functionality**

# How

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**4. Developing an  
IRIScotland Policy  
Framework for  
Organisational and  
Financial  
Sustainability**

# How

## 4. Developing an IRIScotland Policy Framework for Organisational and Financial Sustainability

Working with the IRIScotland Council, to increase the number of Scottish HEIs intent on introducing mandatory open access policies

Costing of a Scottish cross-repository infrastructure – and the potential cost of not supporting such an infrastructure

Producing a cost model and business plan to ensure on-going financial viability of IRIScotland services

Producing – in partnership with the IRIScotland Council – a governance structure for embedding IRIScotland in the Scottish research environment

# When

Project still very much in its initial stages of planning.

Expect work package scoping and definition to take until end Sept 09

Oct09-April10 developing community networks and analysis of user needs

However, some technological development is possible without user feedback

# **A call to action?**

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**(How SCURL members can help)**

# help

The project is a national endeavour.

Useful to share your development roadmaps for your own institutional repository

Register your expressions of interest with the project and we will get in touch

Participate actively in the user assessments and help 'sell' the project

you can help with the project

# Any questions?

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