

# KRDS BENEFITS FRAMEWORK WORKSHEET –WORKED EXAMPLE FROM THE ARCHAEOLOGY DATA SERVICE (ADS)

## Introduction

The Keeping Research Data Safe (KRDS) Benefits Framework is a tool for identifying, assessing, and communicating the benefits from investing resources in the curation/long-term preservation of research data. This Worksheet accompanies the Guide to the KRDS Benefits Framework, which provides guidance on its use.

### Pick List of Popular Generic Examples of Benefits for you to use/ delete/add to/ modify and expand as needed to help populate your Benefits Framework

New research opportunities	No re-creation of data
Input for future research	No loss of future research opportunities
Motivating new research	Secures value to future researchers & students
New research funding	Protecting returns on earlier investments
Increasing research productivity	Lower future preservation costs
Stimulating new networks/collaborations	Planned management from an early stage in the research life-cycle is ultimately more cost-effective than late intervention (providing proper selection of what to keep is done)
Knowledge transfer to other sectors	
Knowledge transfer to industry	Re-purposing data for new audiences
Commercialising research	Use by new audiences
Increasing skills base of researchers/ students/staff	Re-purposing methodologies
Increasing economic growth	Enhancement of research tools and software by testing on a range of well-curated datasets
Catalysing new companies and high skills employment	Scholarly communication/access to data
Verification of research/research integrity	Long-term re-use of well curated data
Fulfilling organisational mandate(s)	Short-term re-use of well curated data
Fulfil research grant obligations	Adds value over time as collection grows and develops critical mass
Value to current researcher & students	Increased visibility/citation
No data lost from Post Doc turnover	
Secure storage for data intensive research	
Availability of data underpinning published findings	

### Dimension 1: What are the outcomes?

Direct Benefits	Indirect Benefits (e.g. costs avoided)
Established archives may serve a larger community and one sector can benefit from the archives of another; for example the re use of reports written as part of the development control process can be reused by academics for research purposes.	As additional datasets are deposited more value can be derived by larger audiences
Re-purposing data for new audiences	Awareness of the content of the archive may halt any recreation of data sets and encourage enhancement or improvements of those already in existence.
Allowing access to our current archive and explaining research potential to future researchers enables them to factor in deposition within their own projects.	No loss of future research opportunities

### Dimension 2: When are the benefits received?

Near-Term Benefits (up to 5 years)	Long-Term Benefits (5 years+)
Fulfilling organisational mandate(s)	Value to current researcher & students
Value to current researcher & students	Motivating new research
Secure storage for data intensive research	Use by new audiences

### Dimension 3: Who benefits?

Internal Benefits	External Benefits
Using an accredited archive will ensure longevity of the data associated with a journal article and the use of DOIs will increase citation and visibility.	Use by new audiences
Fulfilling research grant obligations	Allowing access to our current archive and explaining research potential to future researchers enables them to factor in deposition within their own projects
Motivating new research	Allowing access to the archive for all users



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