



UNITED KINGDOM RESEARCH RESERVE



From pilot project to national UK shared collection and service:
collaboration and trust-building

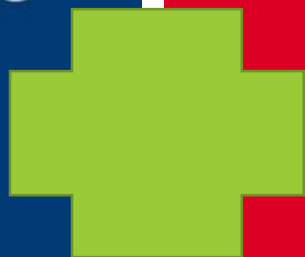
Chris Banks
@ChrisBanks

COULD WE, THROUGH COLLABORATIVE
DOCUMENTATION, PRESERVATION AND
DEDUPLICATION OF LOW-USE PRINT JOURNALS,
REALIZE BENEFITS THROUGH THE GENERATION OF
SPACE SAVINGS ACROSS THE UK'S HIGHER
EDUCATION LIBRARIES?

ESTABLISHED IN 2007



Imperial College
London



BRITISH
LIBRARY



hefce

UNITED KINGDOM RESEARCH RESERVE

CORE OBJECTIVES

A shared national initiative to secure the long-term retention, storage and availability of low use printed research journals.

A collaborative strategy for more efficient use of resources across the sector.

Overall enhanced access to information resources for the researcher.

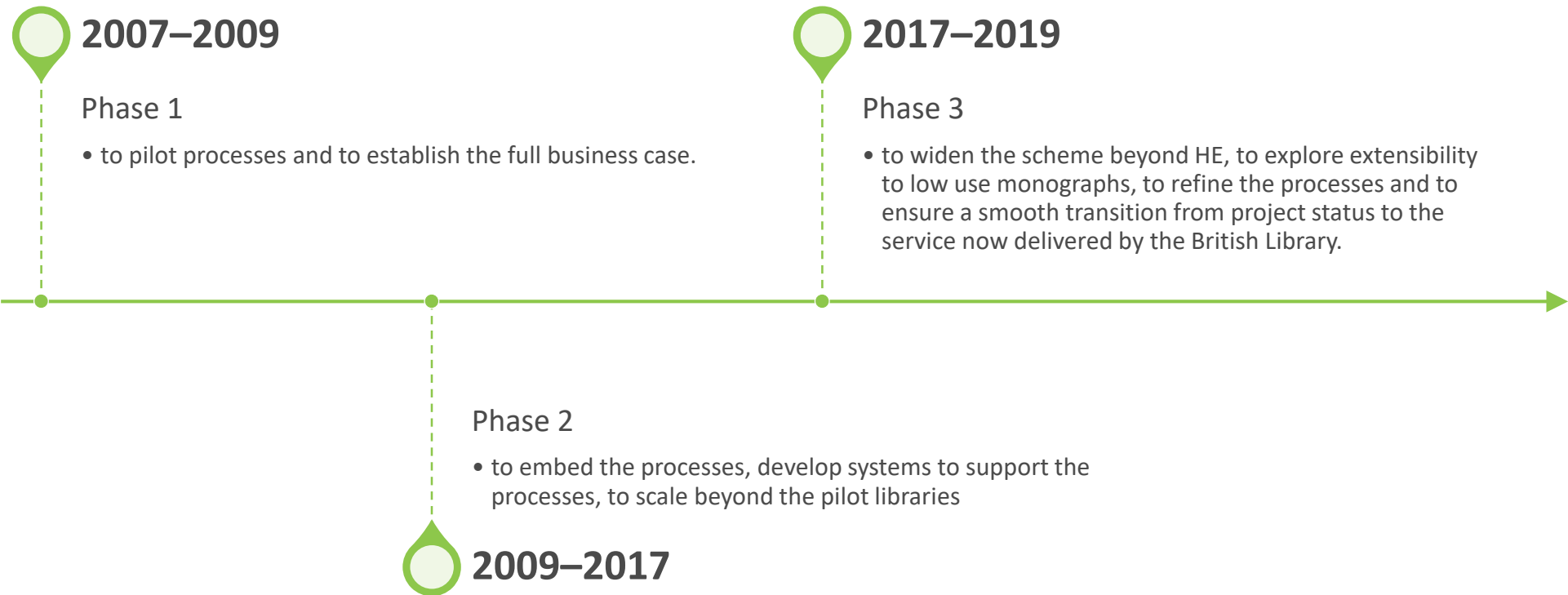
BUILDING BLOCKS ALREADY IN PLACE

Legal deposit legislation for UK-published materials

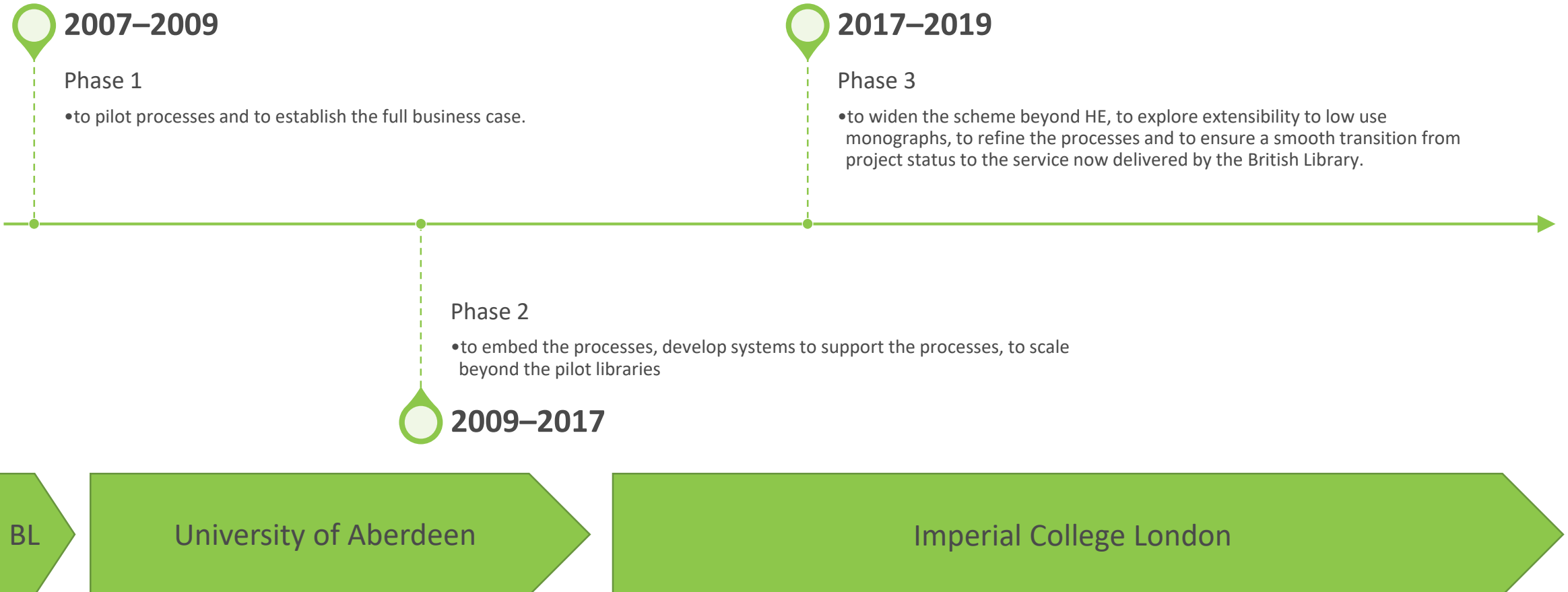
- British Library
- National Library of Scotland
- National Library of Wales
- Trinity College, Dublin
- University of Cambridge
- University of Oxford

National inter-lending collection (BL + community) and infrastructure

THREE PHASES



PERSONAL INVOLVEMENT THROUGHOUT



DELIVERABLES

Safe de-duplication of print journals across participating libraries.

Shared collaborative retention of print journal holdings amongst the participating libraries.

The filling of gaps in runs of the British Library's loan collection of print journals.

Enhanced metadata about journal holdings.

A preferential service to deliver print journals to participating libraries.

Legal Deposit copies (UK
published materials)

BL's loan copy

+ 2 copies retained by the
community

CAUTIOUS
APPROACH TO
RETENTION



CHALLENGES



Data quality



Data Granularity

DATA CHALLENGES

Journal of Jelly

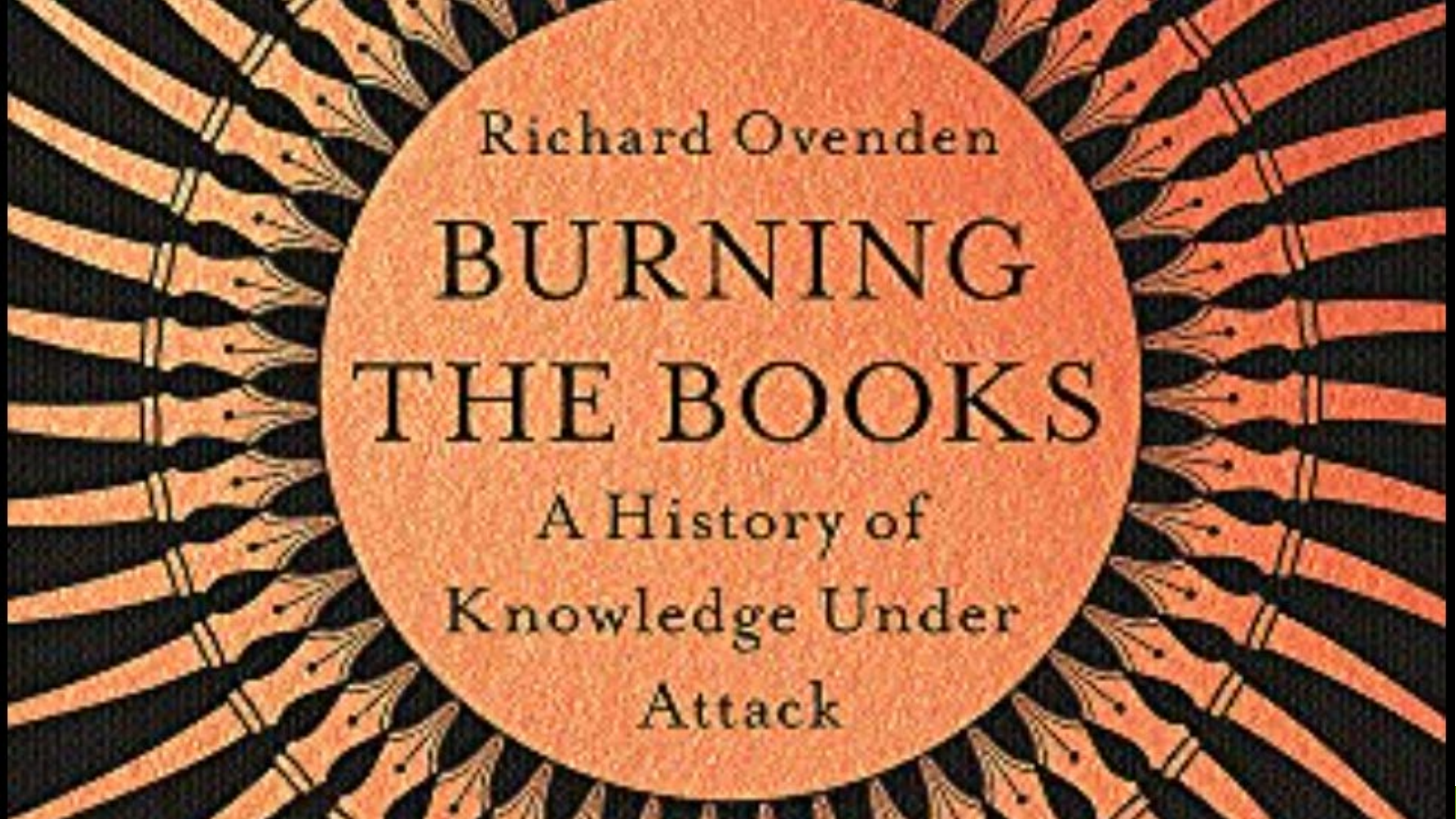


A FICTIONAL
JOURNAL

Journal of Jelly

1939 -

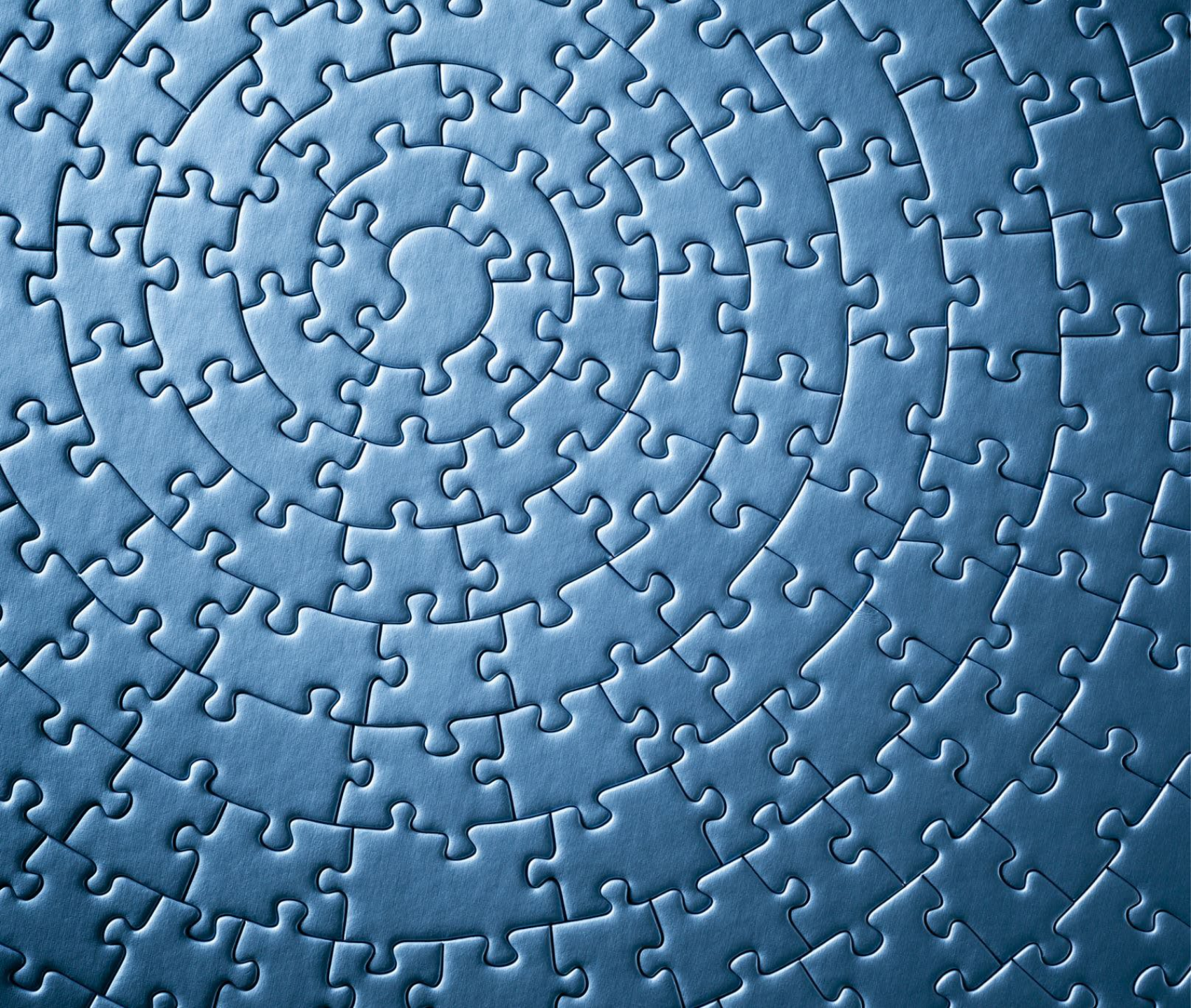
Remote store



Richard Ovenden

BURNING
THE BOOKS

A History of
Knowledge Under
Attack



STRATEGIES

PROJECT STRATEGIES



UNIVERSITY STRATEGIES



DISCARD FORMAT, NOT
CONTENT



OFFSITE STORAGE –
LOOK AT COST PER USE



MONITORING/LOGGING
ONSITE USAGE



DATA-INFORMED
DECISION MAKING



THE SAME DATA
MEANS DIFFERENT
THINGS TO
DIFFERENT
COMMUNITIES

SAME DATA – DIFFERENT PERSPECTIVES

Academic

- Institutional greatness is in part measured by the size of the library collection
- Instant access is key (even if never used)
- Don't trust collective approach to archiving

Library

- Demonstrable drop in use of print
- Measurable lack of demand for materials stored offsite (and use of online equivalents)

UKRR - Three Project Phases

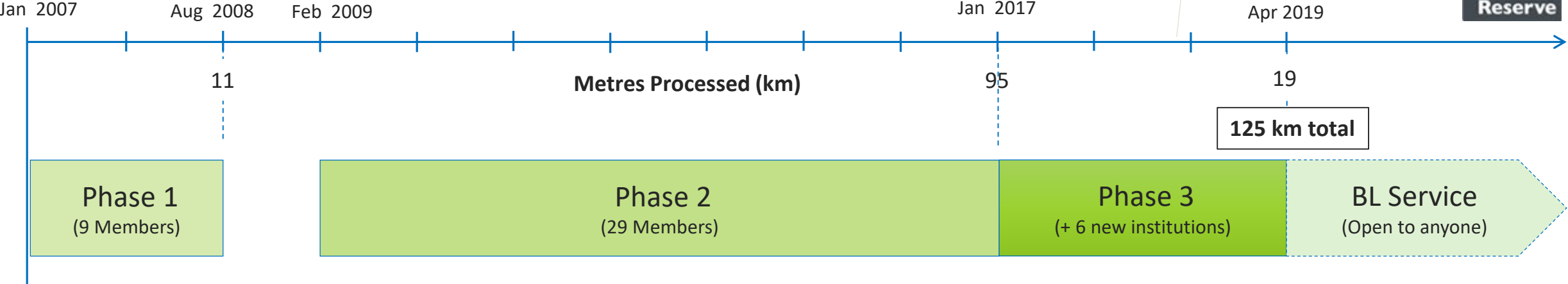
Timeline



UKRR Board Approval
Sept 2018

Apr 2019

125 km total



Partners:
British Library +
Birmingham, Cardiff,
Liverpool,
Southampton,
St. Andrews, Imperial
College London,
Newcastle and Exeter.

Partners:
British Library +
Aberdeen, Aberystwyth, Birmingham, Oxford, Cambridge, Cardiff,
Durham, Edinburgh, Glasgow, ICL, KCL, Kingston, Leeds, LSE,
Manchester, Newcastle, Northumbria, Nottingham, Open
University, Queen Mary, Reading, Royal Holloway, St Andrews,
Sheffield, Southampton, Sussex, UCL, Senate House

Partners:
British Library +
Bristol, Goldsmiths, East
Anglia, Rothamstead
Research, Canterbury
Christ Church, City
University of London.

A sustainable service
delivered by the British
Library, open to anyone.

UKRR – personal involvement throughout

Timeline



UKRR Board Approval
Sept 2018

Apr 2019

Jan 2017

Feb 2009

Aug 2008

Jan 2007

11

Metres Processed (km)

95

19

125 km total



Phase 1
(9 Members)

Phase 2
(29 Members)

Phase 3
(+ 6 new institutions)

BL Service
(Open to anyone)

Partners:

British Library +
Birmingham, Cardiff,
Liverpool, Southampton,
St. Andrews, Imperial
College London, Newcastle
and Exeter.

Partners:

British Library +
Aberdeen, Aberystwyth, Birmingham, Oxford, Cambridge,
Cardiff, Durham, Edinburgh, Glasgow, **ICL**, KCL, Kingston, Leeds,
LSE, Manchester, Newcastle, Northumbria, Nottingham, Open
University, Queen Mary, Reading, Royal Holloway, St Andrews,
Sheffield, Southampton, Sussex, UCL, Senate House

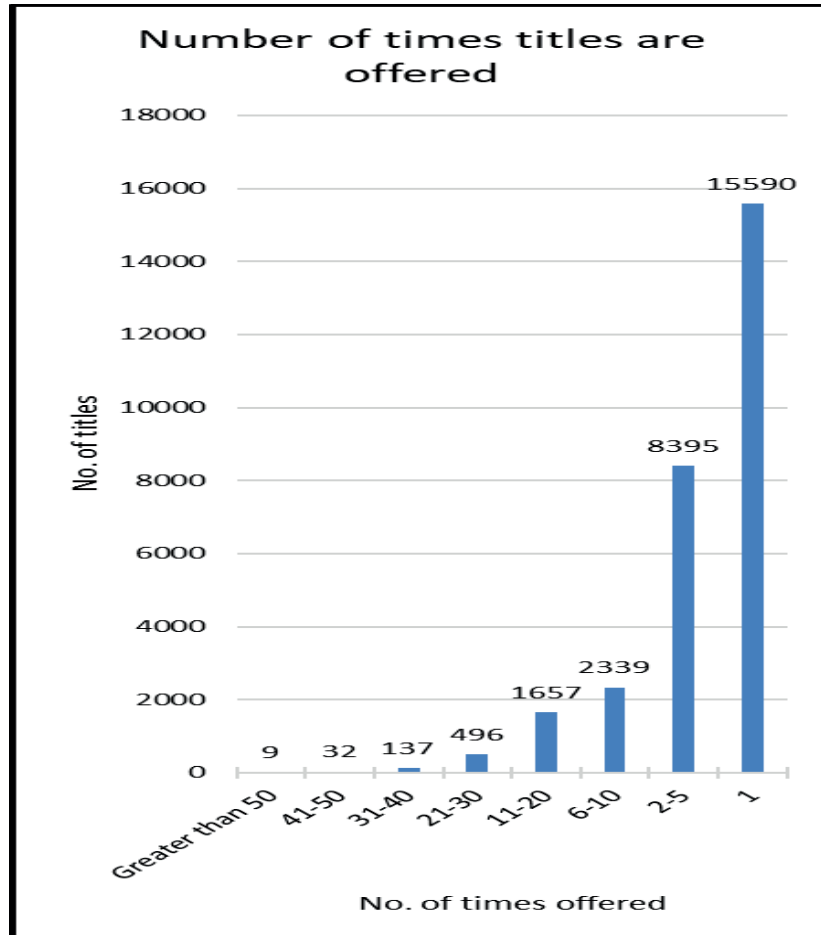
Partners:

British Library +
Bristol, Goldsmiths, East
Anglia, Rothamstead
Research, Canterbury
Christ Church, City
University of London.

A sustainable service
delivered by the British
Library, open to anyone.



OF 28,655 TITLES OFFERED,
15,590 WERE OFFERED ONLY ONCE



MOST OFFERED TITLE

Journal of the Chemical Society

68

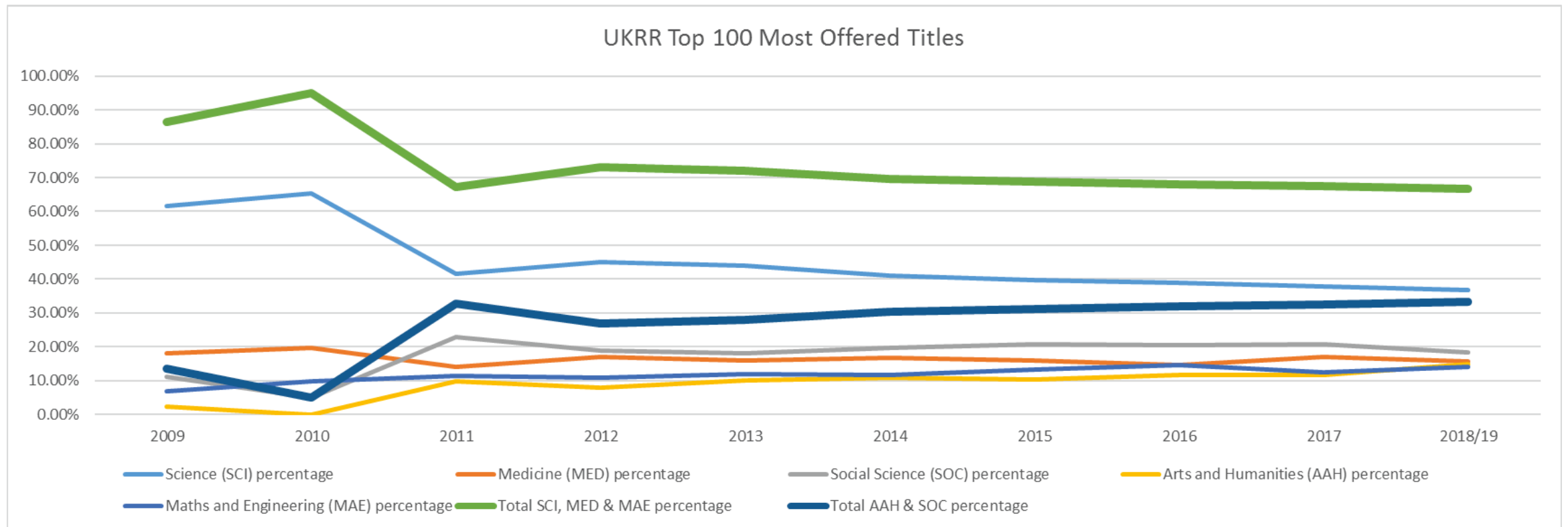
	Journal of the Chemical Society /
	Journal of the Chemical Society Perkin
	transactions I / Journal of the Chemical
	Society (Resumed) / Journal of the
	Chemical Society (transactions) /
	Journal of the Chemical Society . Perkin
	transactions I: Organic and bio-organic
	chemistry / Journal of the Chemical
	Society : Transactions / Journal of the
	Chemical Society C / Journal of the
	Chemical Society C: Organic / Journal of
	the Chemical Society C: Organic
	Chemistry / Journal of the Chemical
	society Perkin transactions (Part I) /
	Journal of the Chemical Society Perkin
	Transactions I / Journal of the Chemical
3	Society Section C Organic chemistry /
	Journal of the Chemical Society, Perkin
2	Transactions 1 / Journal of the Chemical
	Society. / Journal of the Chemical
x	Society. Perkin Transactions, Part 1 /
	Journal of the Chemical Society. Perkin
9	transactions 1 : a journal of organic and
	bio-organic chemistry. / Journal of the
8	Chemical Society. Perkin transactions I.
	/ Journal of the Chemical Society.
1	Transactions / Journal of the Chemical
	Society: Perkin Transactions 1 / Journal
3	of the Chemical Society: Perkin
	Transactions 1: An International Journal
	of Organic and Bio-Organic Chemistry /
	Journal of the Chemical Society: Perkin
	Transactions 1: Organic and Bio-Organic
	Chemistry / Journal of the Chemical
	Society:Perkin 1 / Memoirs and
	Proceedings of the Chemical Society /
	Memoirs and proceedings of the
	Chemical Society of London / Memoirs
	and proceedings of the Chemical Society
	of London. / Perkin
	1. Other title
	Journal of the Chemical Society. Perkin
	transactions I: Organic and bio-organic
	chemistry. / Quarterly Journal
	of the Chemical Society

JOURNAL WITH MOST METERAGE

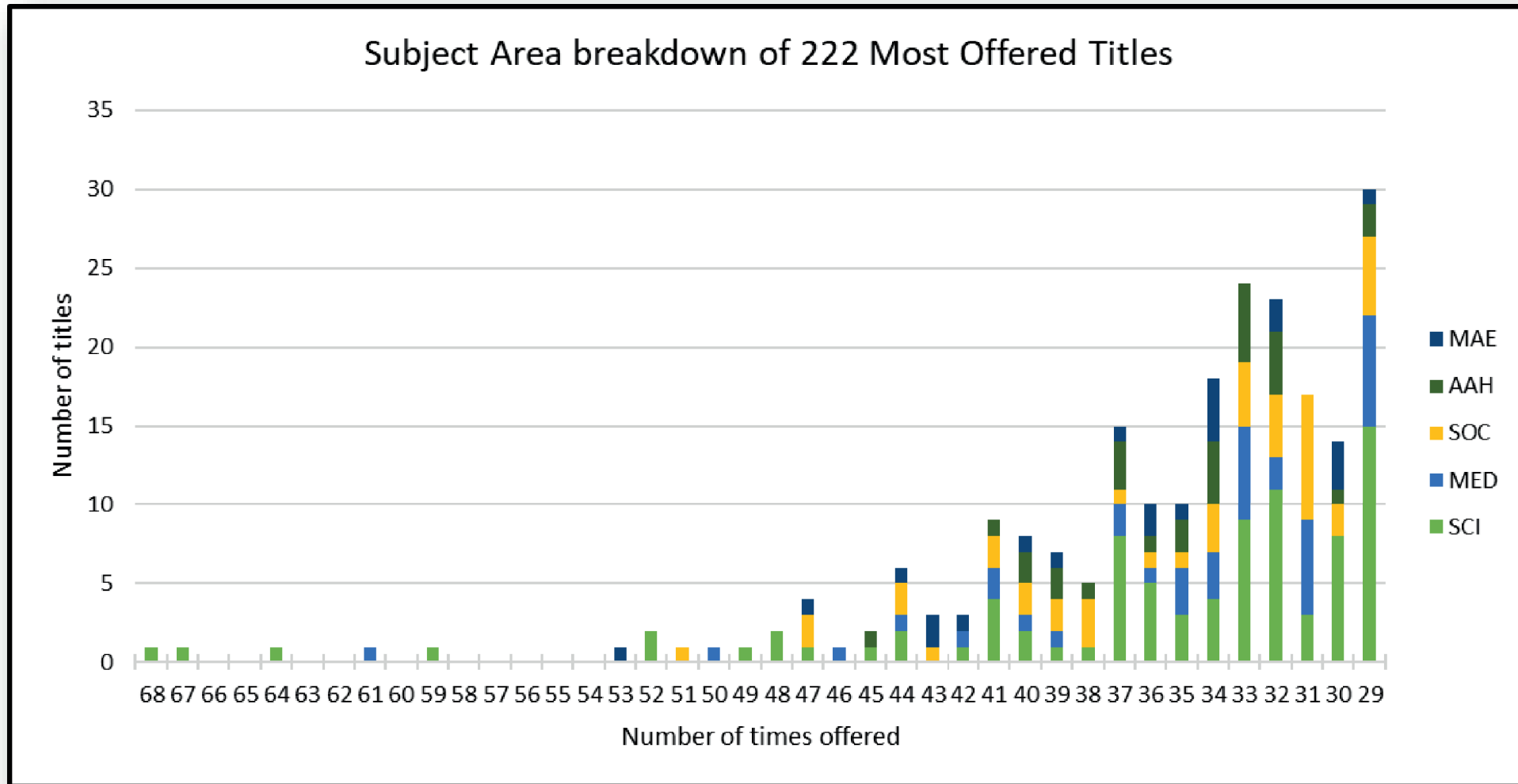
*Journal of
Biological
Chemistry*

772m

UKRR BY DISCIPLINE OVER TIME

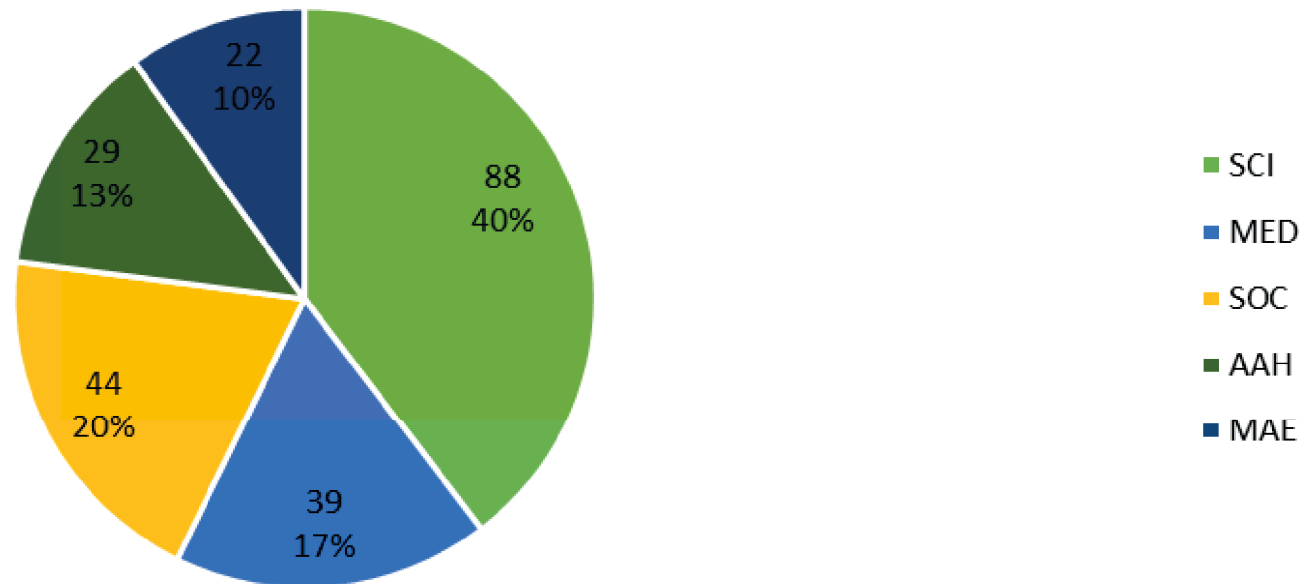


DISCIPLINE BREAKDOWN

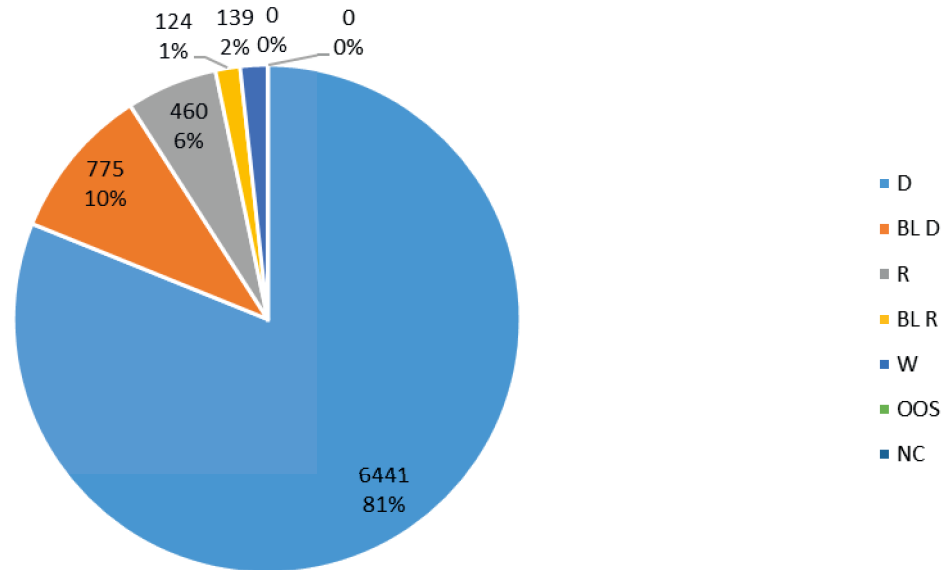


BROAD SPREAD OF DISCIPLINES COVERED

Subject Area breakdown of 222 Most Offered Titles



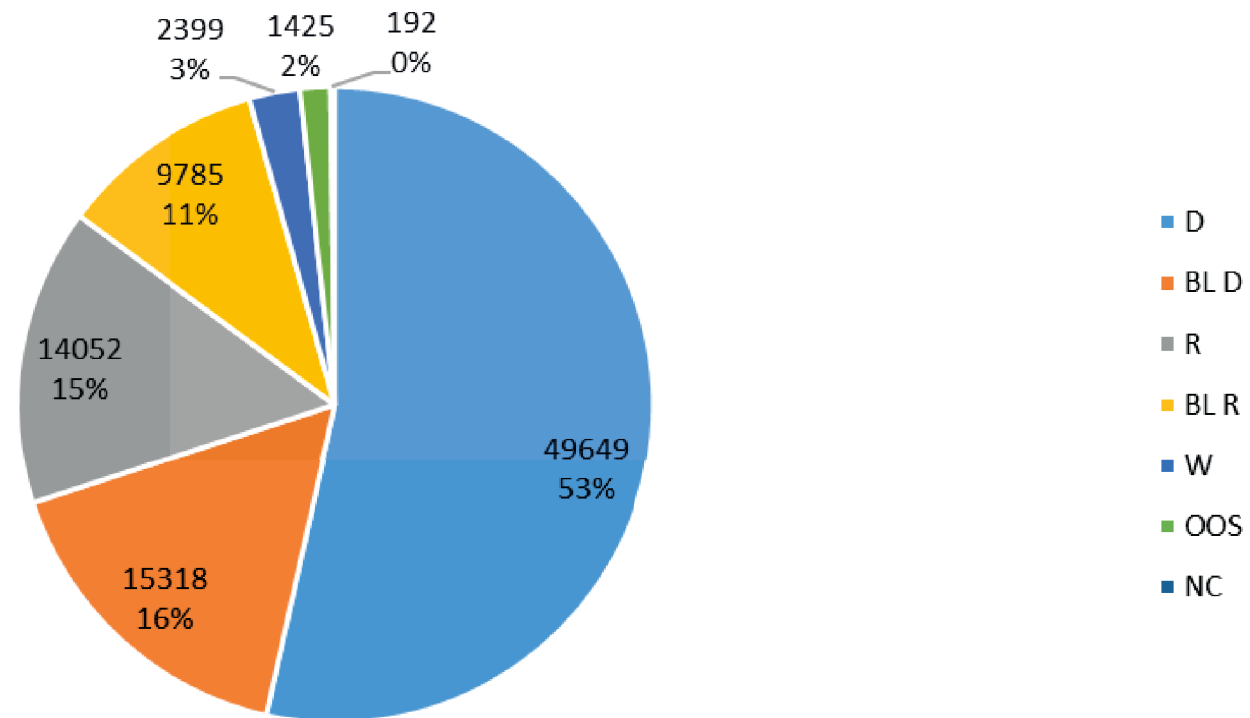
UKRR Retention Status Breakdown of 222 Most Offered Titles in
Phase 2 and Phase 3



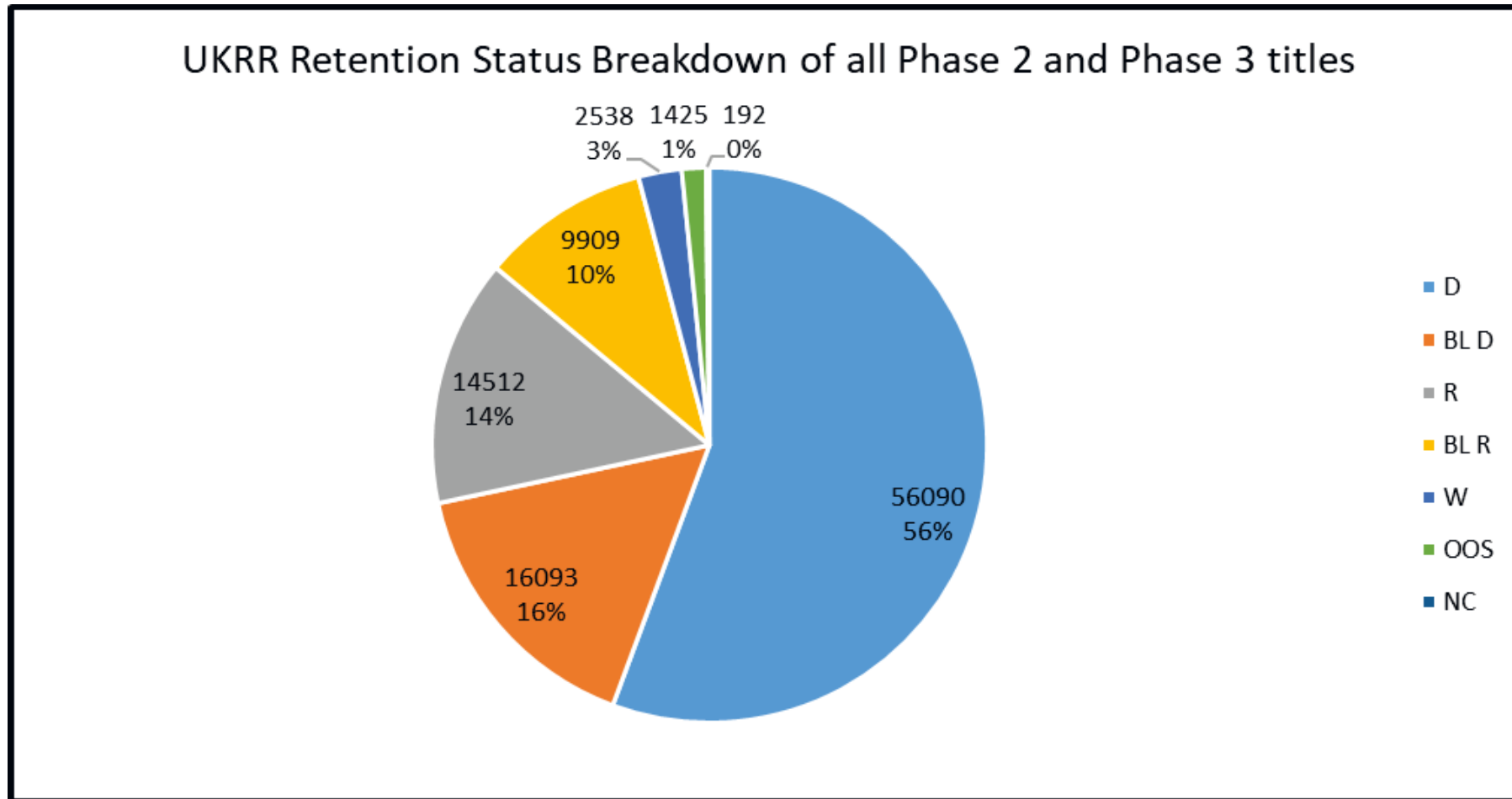
81% OF MOST
OFFERED TITLES
WERE SAFE TO DE-
DUPLICATE

RETENTION STATUS INCREASES AS SCARCITY INCREASES

UKRR Retention Status Breakdown of all Phase 2 and Phase 3 titles outside of 222 Most Offered Titles

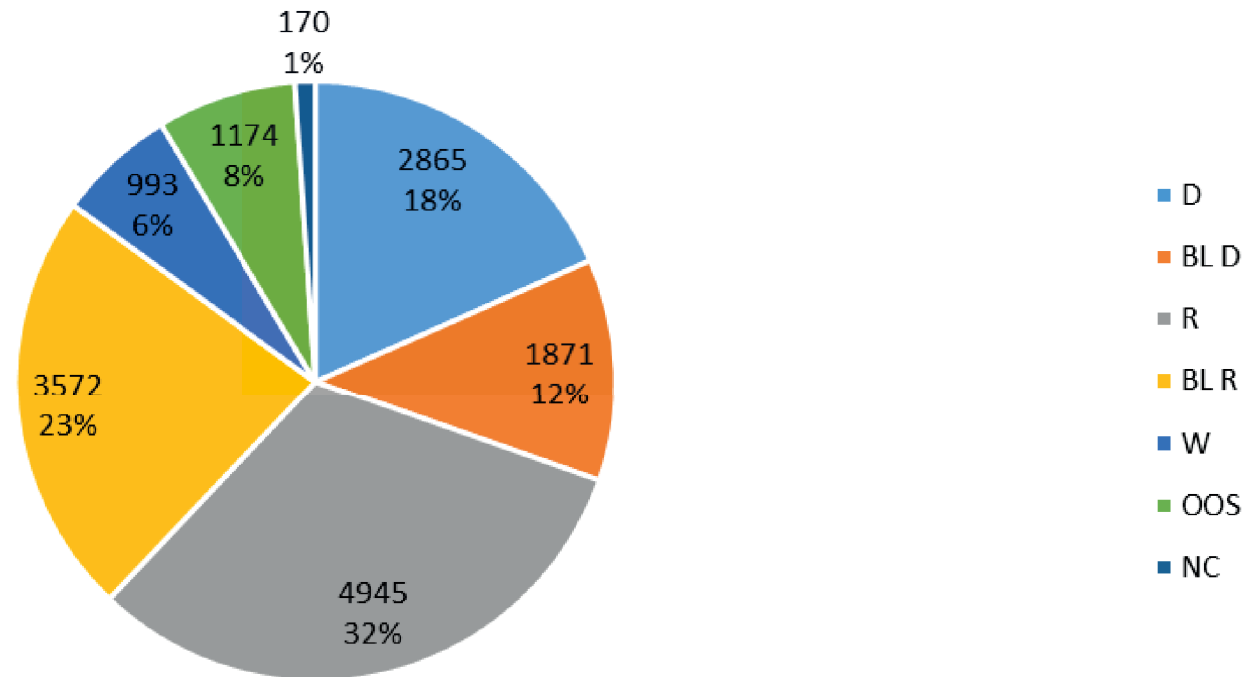


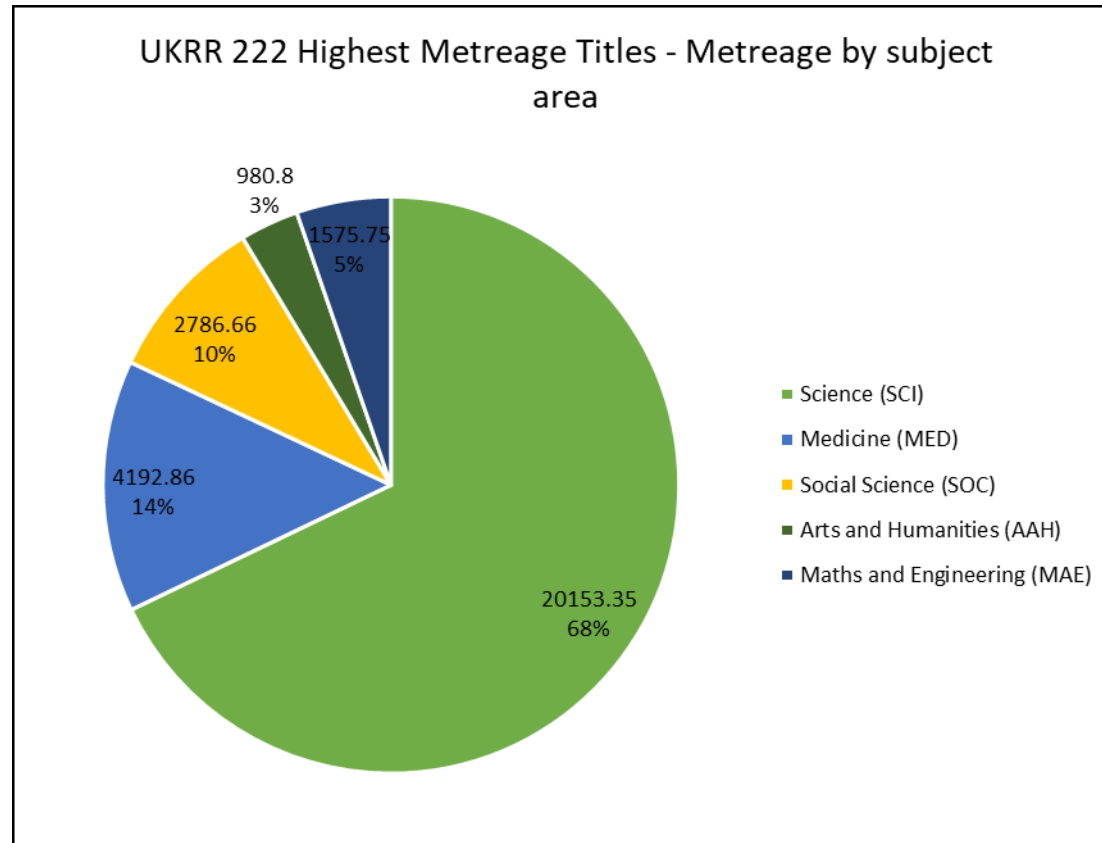
OVER 17,000 GAPS IN BL HOLDINGS IDENTIFIED



UKRR HAS IDENTIFIED AND RETAINED SCARCE TITLES – ONLY 18% OF TITLES OFFERED ONLY ONCE WERE SAFE TO DE-DUPLICATE

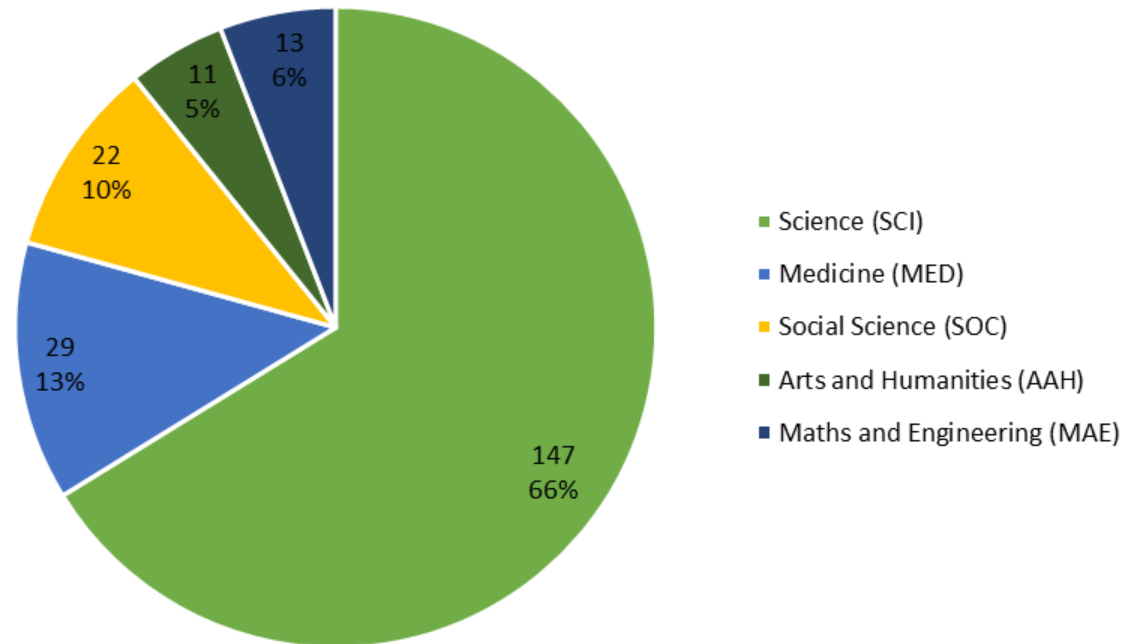
UKRR Retention Status Breakdown of the titles offered once over the whole of Phase 2 and Phase 3





68% OF MATERIALS
DE-DUPLICATED ARE
SCIENCE MATERIALS

UKRR 222 Highest Metreage Titles - Number of titles
by subject area



SCIENCE TITLES HAD
THE HIGHEST
METERAGE

2. Rareness is common

One finding seen repeatedly in our collective collection studies is the paradoxical result that *rareness is common*—in other words, individual library collections are often sufficiently distinctive that when aggregated together, a rich and diverse long tail of scarce or uniquely held materials is built out within the collective collection. This finding underscores the idea that building collective collections may be just as much about identifying and leveraging distinctive local and collective strengths as it is about consolidation and reducing redundancy.

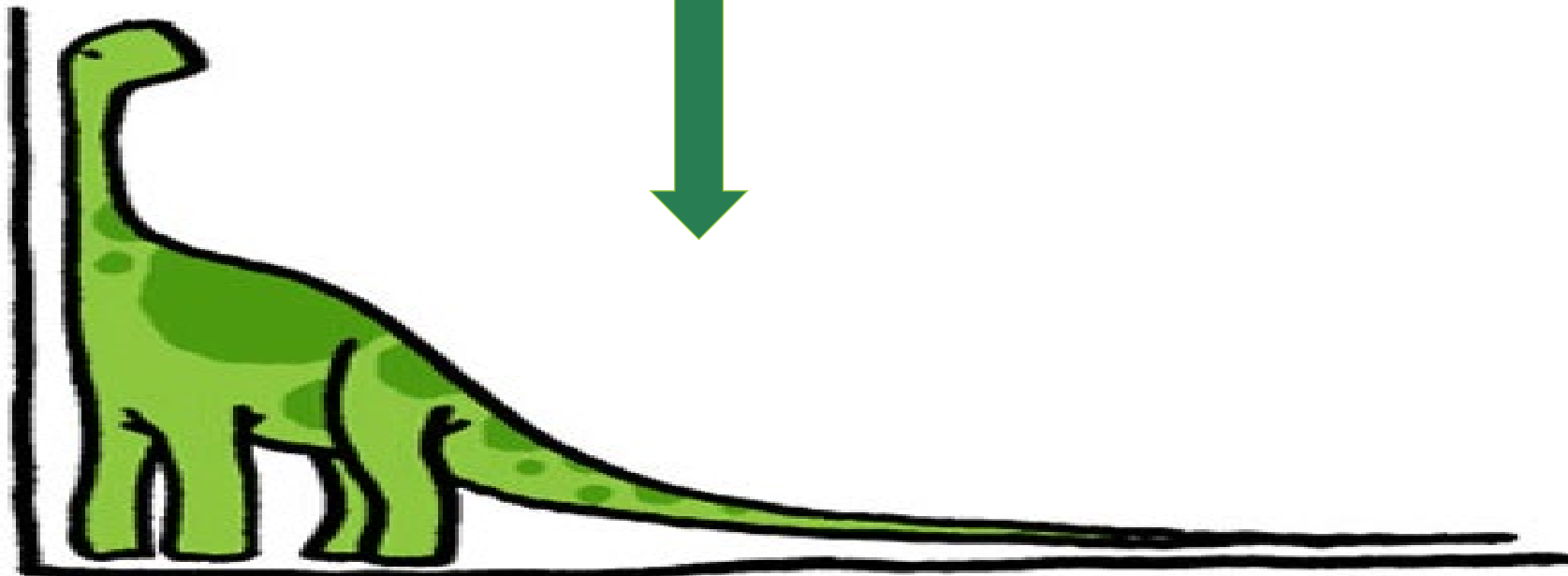
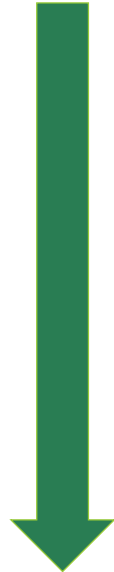
LAVOIE, Brian; DEMPSEY, Lorcan; MALPAS, Constance. Reflections on Collective Collections. **College & Research Libraries**, [S.l.], v. 81, n. 6, p. 981, sep. 2020. ISSN 2150-6701. Available at: <<https://crl.acrl.org/index.php/crl/article/view/24618/32438>>. Date accessed: 06 sep. 2022. doi:<https://doi.org/10.5860/crl.81.6.981>.

DEMAND HAS REACHED THE LONG TAIL

2007

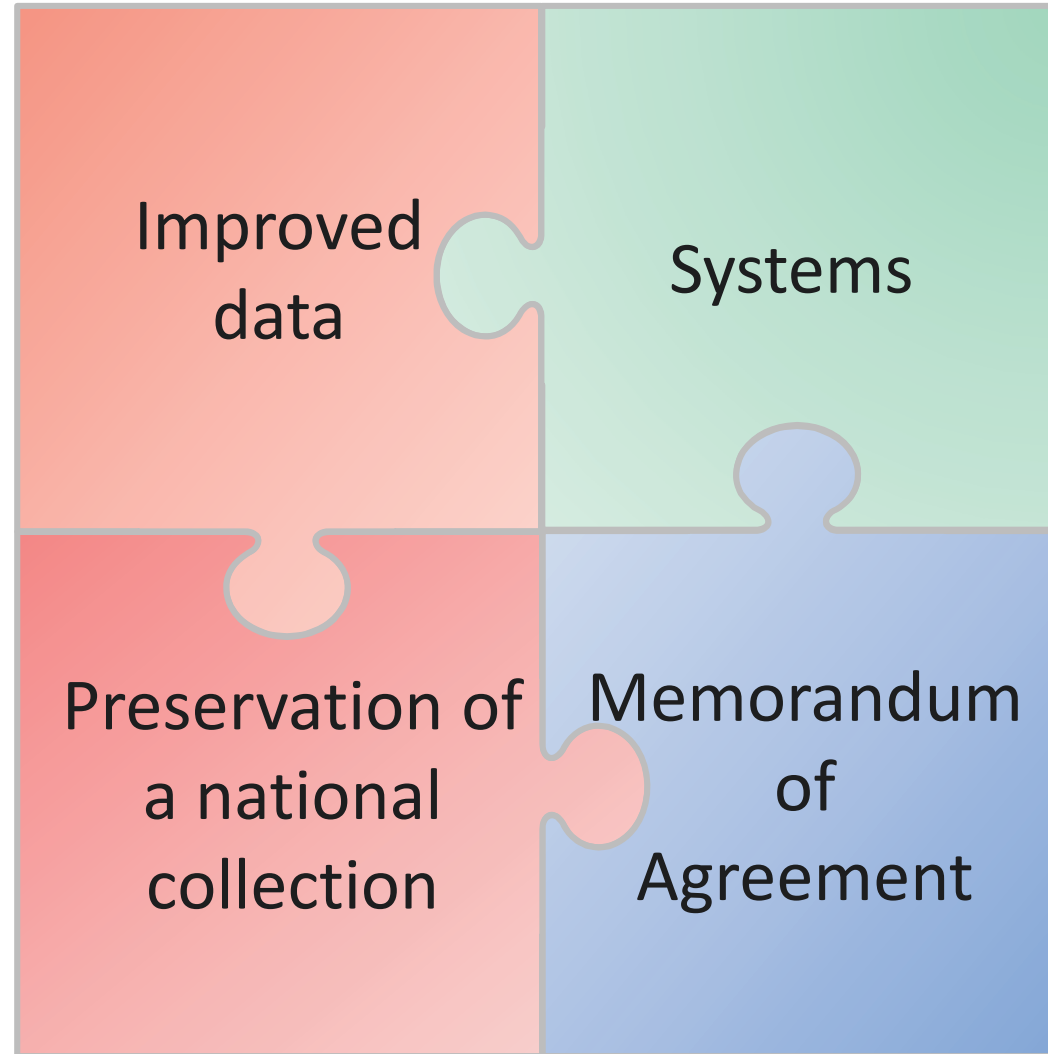


2019



UKRR benefits/legacy (excl. space savings)

- More granular data about BL gaps
- Data about member library holdings (SUNCAT)
- Better data about journal titles and successor (child) titles
- BL's holdings checked as libraries offered titles/issues for disposal and gaps recorded
- BL gaps filled
- Two further access copies retained by the community



- LARCH (scarcity checking and recording of decisions)
- BL Access database
- BL Aleph
- BL Document Supply System upgraded
- Signed by most of the phase 2 member libraries – the holding libraries
- Agreement to retain 2 access copies in the community in addition to the BL loanable copy

UKRR IN NUMBERS



36 collaborating libraries



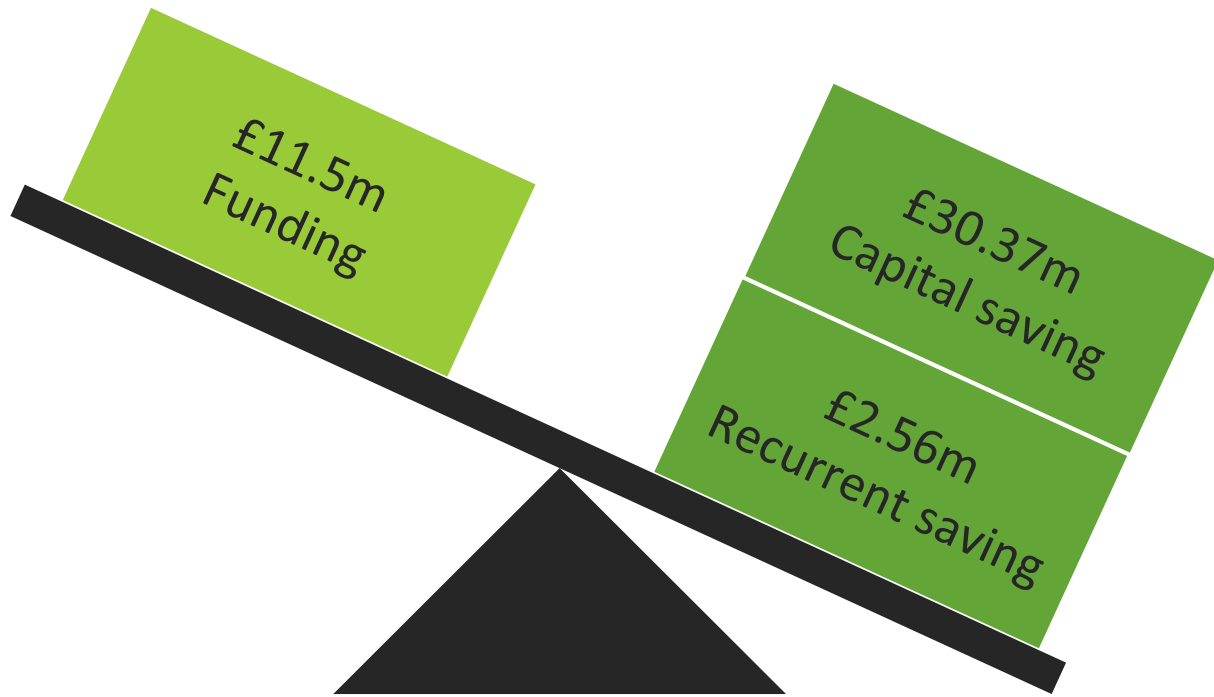
28,655 journals (many of which changed title over the years)



Nearly 300,000 data lines added to the BL's catalogue



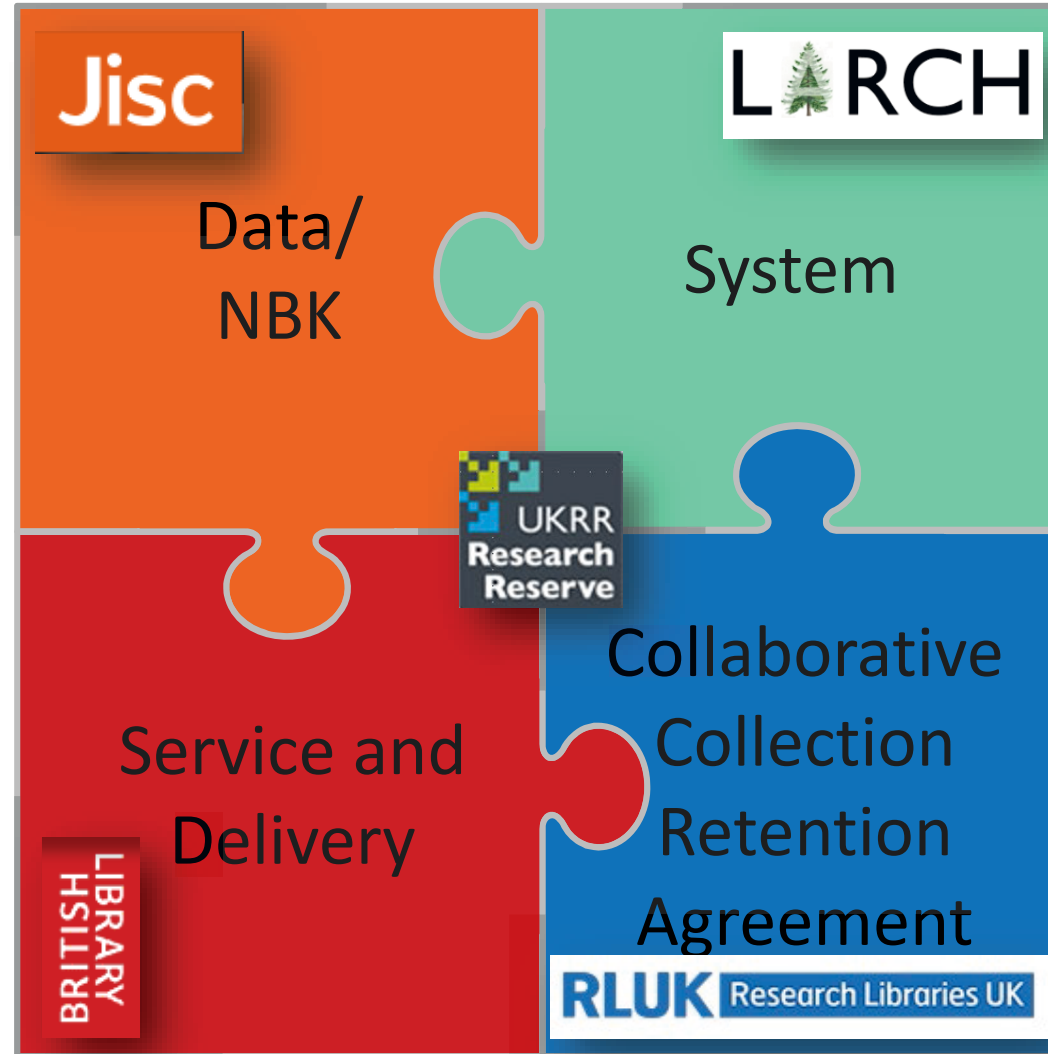
130 kilometres processed; 98,000 km released



RETURN ON INVESTMENT

£4 saved for every
£1 spent

True and ongoing partnership



READ ALL ABOUT IT

UK Research Reserve (UKRR) Final Report:

<https://spiral.imperial.ac.uk/handle/10044/1/73162>

UKRR: a collaborative collection management success story:

<https://insights.uksg.org/articles/10.1629/uksg.503/>



POSTSCRIPT

Journal of Jelly



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THANK YOU &
QUESTIONS

<https://www.ukrr.ac.uk/>