

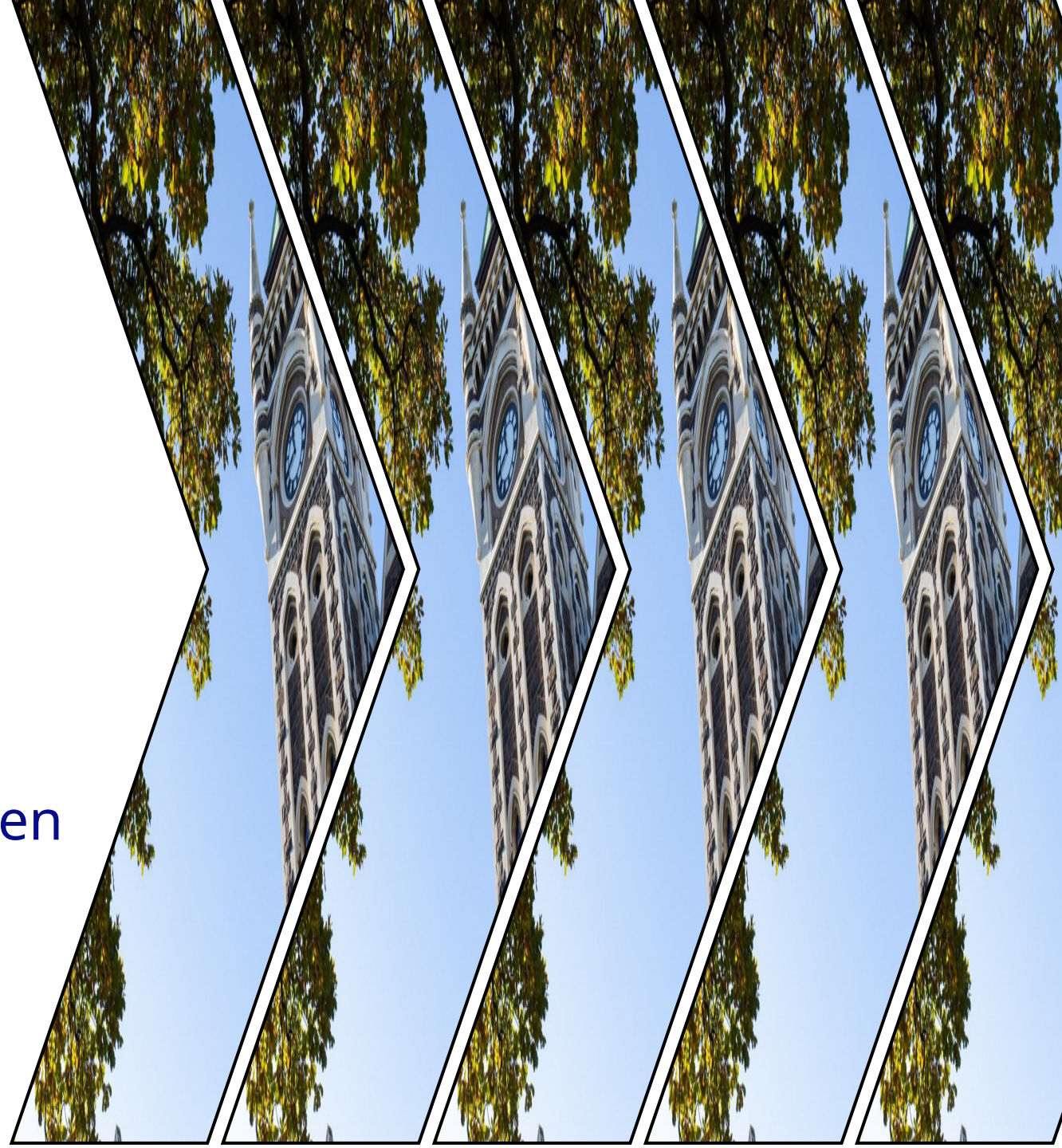
*Advancing the
research landscape:*

a new institutional
repository for the
University of Otago

Lisa Chisholm & Mandy Phipps-Green
Library | Te Pātaka Mātauraka



University
of Otago
ŌTĀKOU WHAKAIHU WAKA



Project Drivers

- No longer fit for purpose
- New funder requirements, Universities goals for open access
- University rankings

20 JANUARY, 2021 University of Otago

LIBRARY NEWS

OUR Archive - DSpace, v.5

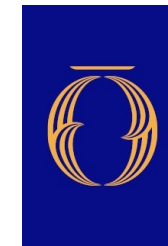
**INSTITUTIONAL REPOSITORY
NOT FIT FOR PURPOSE**



**USER-UNFRIENDLY,
POORLY USED**

Manual entry;
Use not mandated use;
Clunky, laborious process

<p>HIGHLY BESPOKE</p> <p>Configured for needs of 2010s, running very old version</p>	<p>COSTLY TO UPDATE</p> <p>No UoOtago developers for upgrades / updates</p>	<p>SECURITY RISK</p> <p>Technical debt list, security gaps due to age of system</p>
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Esploro (Ex Libris)

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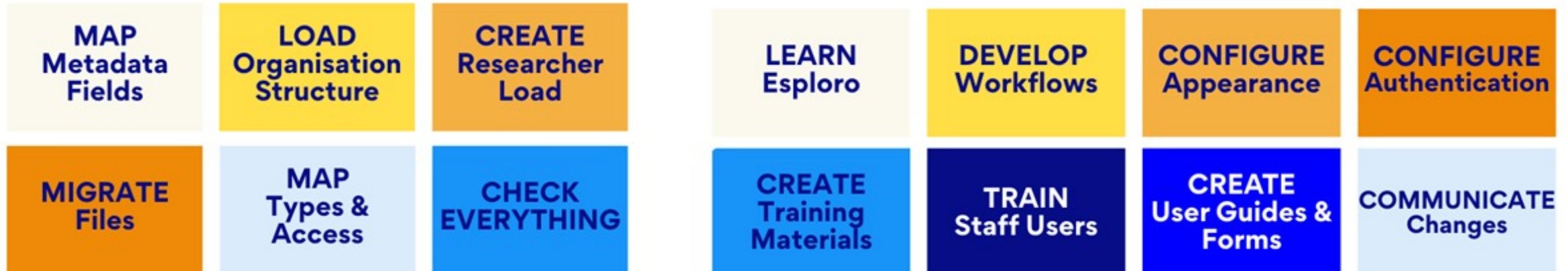
 Southern Cross University	HTW Hochschule für Technik und Wirtschaft Dresden University of Applied Sciences	 STOCKHOLM SCHOOL OF ECONOMICS	 UNIVERSITY OF JOHANNESBURG	 UTokyo	
	 ROYAL DANISH DEFENCE COLLEGE	 UNIVERSITY OF SURREY		 unibz	
 RMIT UNIVERSITY	 University of Otago ŌTĀKOU WHAKAIHU WAKA		 UMass Dartmouth	 WASHINGTON STATE UNIVERSITY	 VIRGINIA STATE UNIVERSITY
			 IOWA	 RUTGERS	
 University of the Sunshine Coast Australia	 Los Alamos NATIONAL LABORATORY EST. 1943	 International Labour Organization	Coming Soon...		 SDL المكتبة الرقمية السعودية Saudi Digital Library
	 FDA U.S. FOOD & DRUG ADMINISTRATION		 Te Wānanga o Aotearoa	 VANDERBILT UNIVERSITY	



Implementation



Migrate Contents + Implement New System



OUR Archive

<https://ourarchive.otago.ac.nz>



Menu ▾



Thesis Deposit

FAQs for Otago
Researchers

Guides & Resources

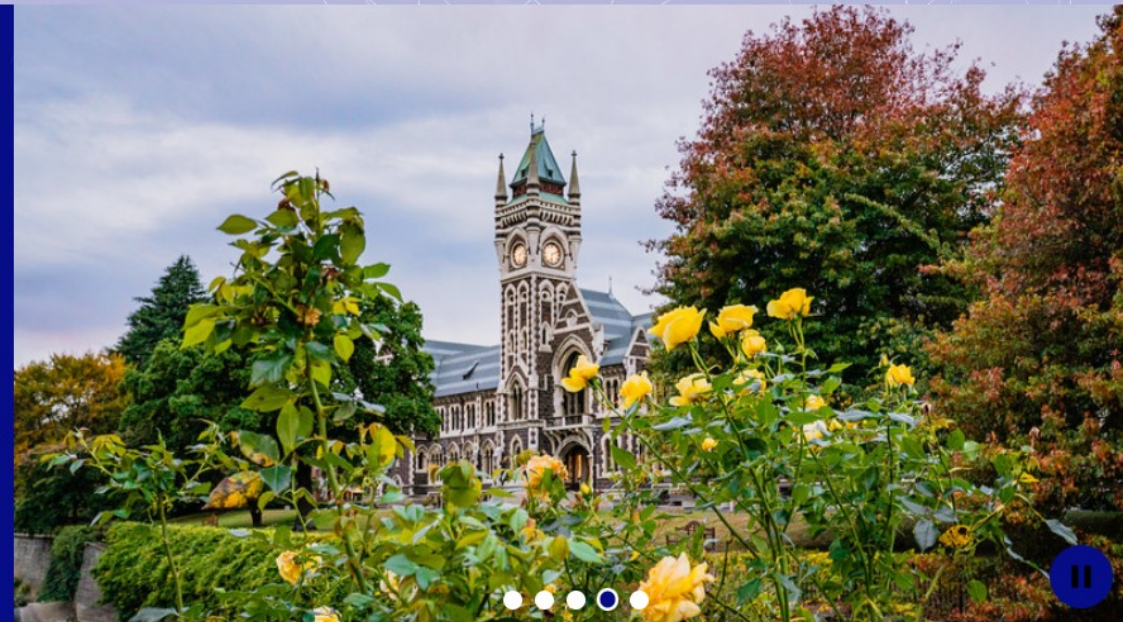
Outputs ▾ All ▾

Welcome to OUR Archive

Otago University Research Archive: access Otago's quality research outputs, including journal articles, reports, books, and electronic theses and dissertations (ETDs).

[Research Outputs](#) | [Theses & Dissertations](#) | [Email OUR Archive](#)

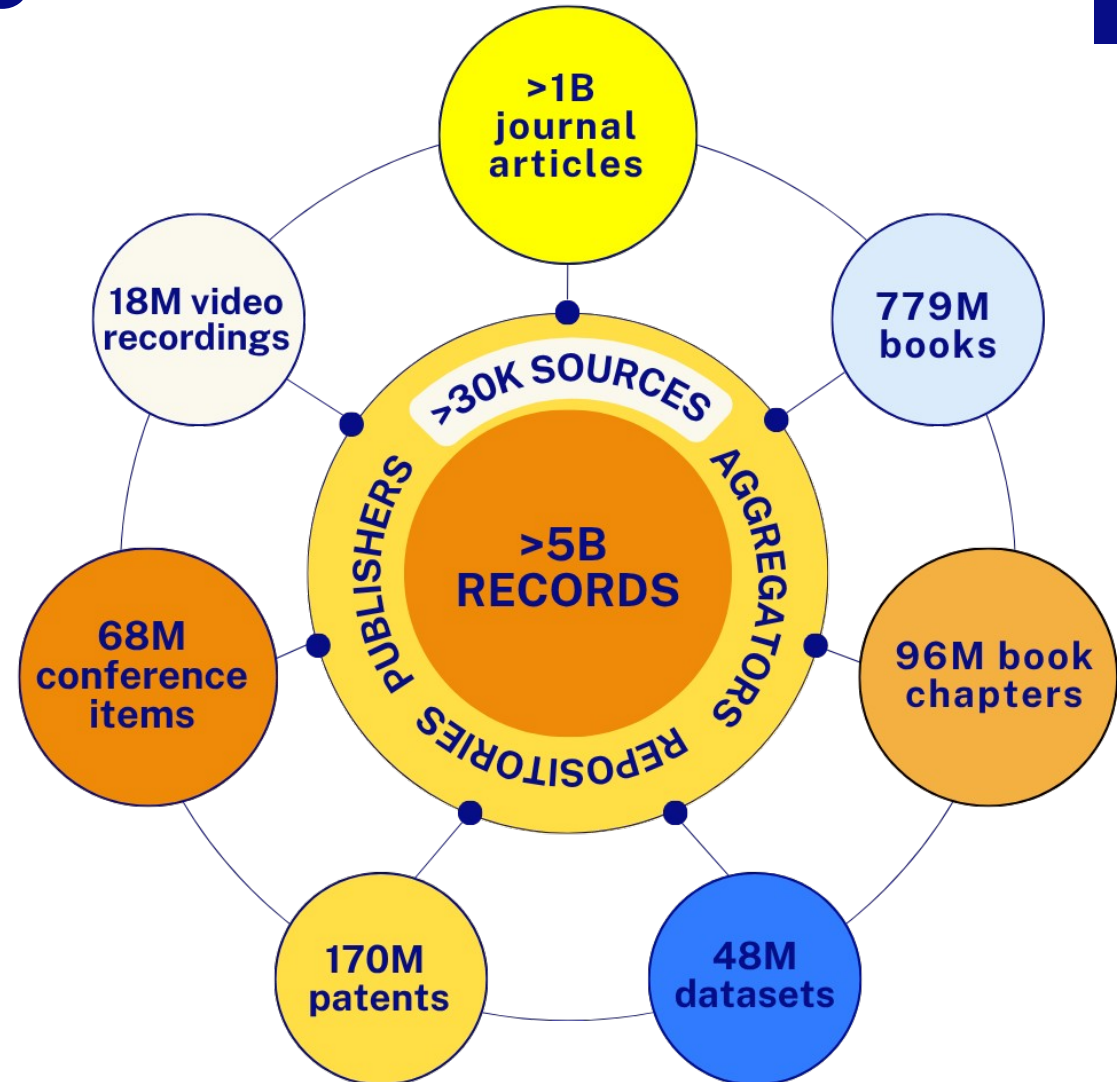
[Outputs](#) | [Researcher Profiles](#) | [Academic Units](#) | [Research Collections](#)





Central Discovery Index (CDI)

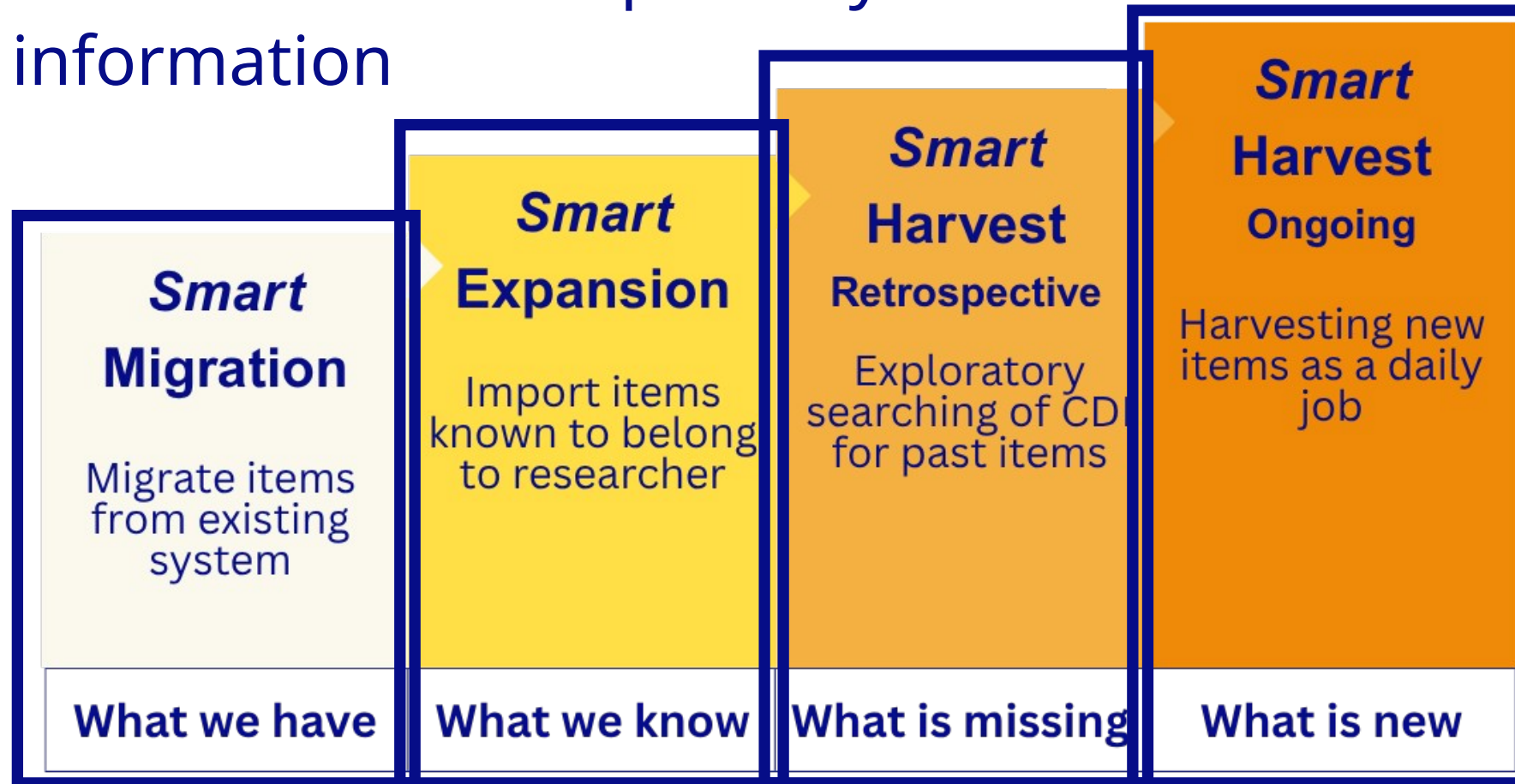
- Ex Libris' central, unified index for scholarly material
- Source for Smart Harvesting / metadata auto-population
- CDI updated daily to monthly





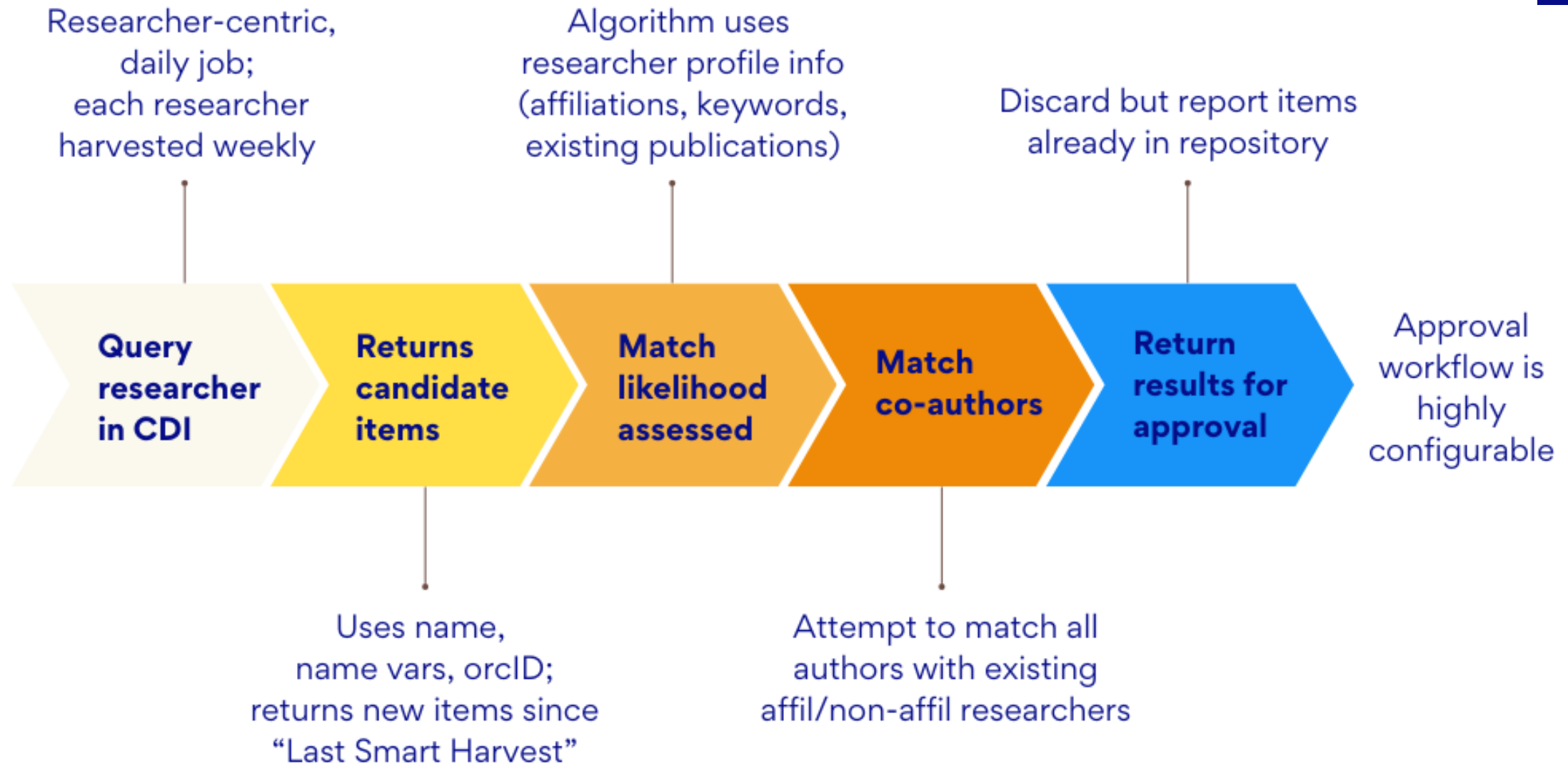
Smart Harvest Framework

- Build and enrich repository contents and researcher information





Ongoing Smart Harvest





Author Matching

- Algorithm uses *Features* to assess match probability



- Match ranking





Author Match & Asset Approval

ASSET APPROVAL

Asset Approval Never automatically approve the asset i

Always approve the asset when first author match is approved

Conditionally approve the asset when the first author match is approved

ASSET APPROVAL

Asset Approval Never automatically approve the asset i

Always approve the asset when first author match is approved

Conditionally approve the asset when the first author match is approved

If asset type is any of:

Book x Book chapter x Conference proceeding x

Journal article x

If asset has a DOI or PMID

Ongoing Smart Harvest

Job Report

Job Events

- Smart harvesting ran for researcher(499) **Queried 499**
- Skipped researcher(2) **Skipped 2 researchers**
- Requested CDI resource types(1)
- Number of assets retrieved from CDI for researcher(499)
- Matching assets found for researcher(18)
- Automatically approved author-researcher matches(18) **18 approved author**
- New non-affiliated researchers created(41) **Created 41 matches non-affil**
- Automatically approved assets added(12) **researchers**
- Skipped assets - asset already in the repository(26) **Skipped 26**
- Skipped assets - too many authors(1) **12 new publications**
- Failed assets(0)
- General Error(0)

Skipped 1 publication in because repository authors

Completed Successfully
Ongoing Smart Harvesting (CDI)

Process ID
2286794112910001891

Started on
02 Sep 2025 08:00:00

Finished on
02 Sep 2025 08:13:39

Total run time
13 Minutes 39 Seconds

Status
Completed Successfully

Status date
02 Sep 2025 08:13:39

Records processed
501

Records with exceptions

Tasks

Alma Esploro

Collapse all ^

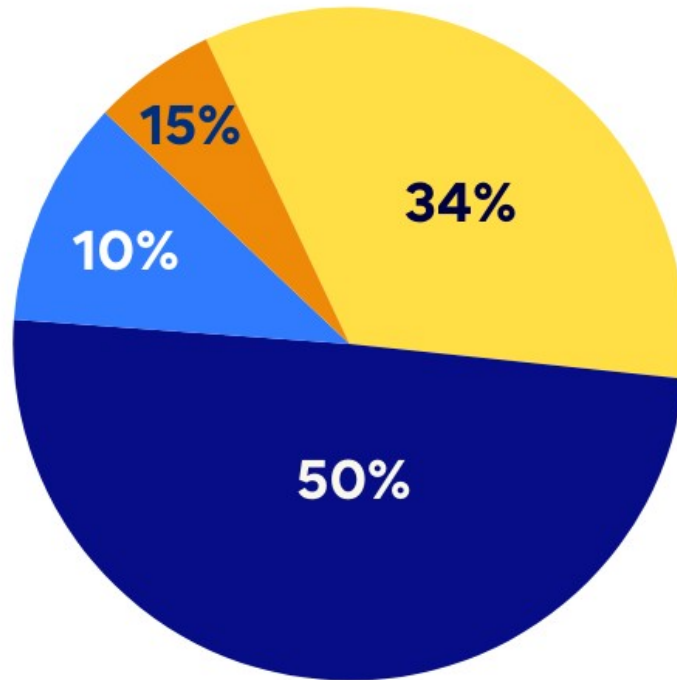
- Research Deposits 1
 - Unassigned - All 1
 - Unassigned - Submitted 1
- Student Deposits 1
 - Unassigned - Submitted 1
- Smart Harvesting - Asset Approval 12
 - Pending Approval 12
- Smart Harvesting - Author Matching 10
 - Pending Approval - Strong 1
 - Pending Approval - Uncertain 7
 - Pending Approval - Very Strong 2



Outcome by the Numbers



200% Increase

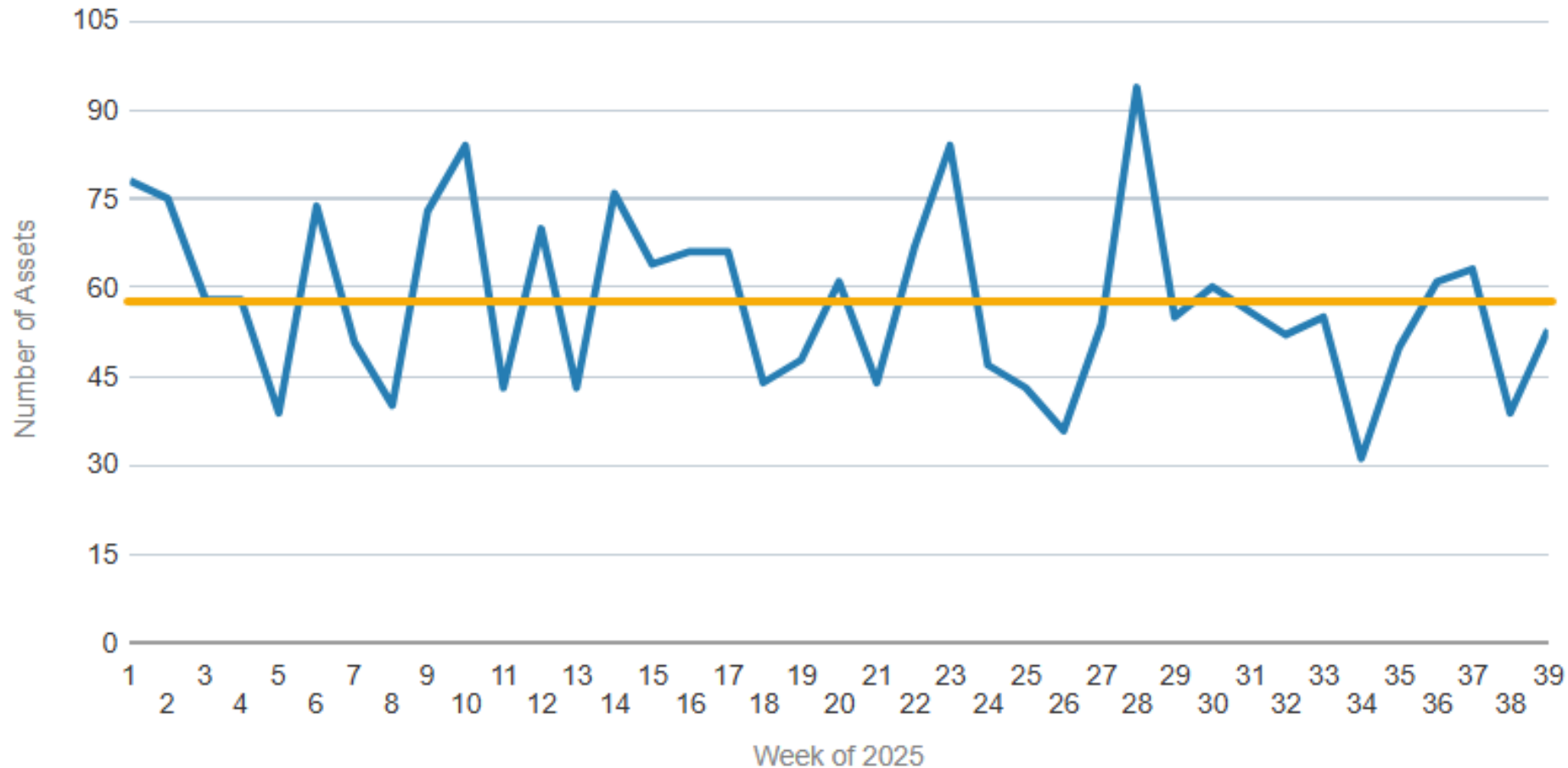


- **MIGRATED - 15.3K**
- **SMART EXPANSION - 22.7K**
- **SMART HARVEST - 4.8K**
- **DEPOSITS - 2.5K**



Outcome by the numbers

Smart Harvest Approvals By Week - 2025





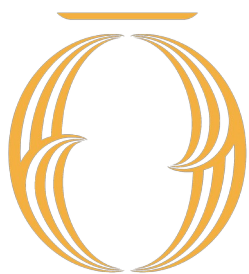
Acknowledgements

Project Team:

- Richard Blaikie - Deputy Vice Chancellor R&E (sponsor)
- Mike Wall – University Librarian (owner)
- Bridget Francis – Project Manager
- Campbell Gearry – Business Analyst
- Mike Kmiec - Product Lead Library Systems
- Mike Schaaf - Senior Systems Specialist
- Simon Read - Senior Systems
- Caleb Robinson – Engineer, Digital Infrastructure
- Lisa Voorwinde – Analyst, Continuous Improvement
- Carolyn King – HR Change Manager
- Lisa Chisholm - Library Research Services Manager
- Mandy Phipps-Green - Research Services Librarian (OUR Archive administrator)

OUR Archive

<https://ourarchive.otago.ac.nz>



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