

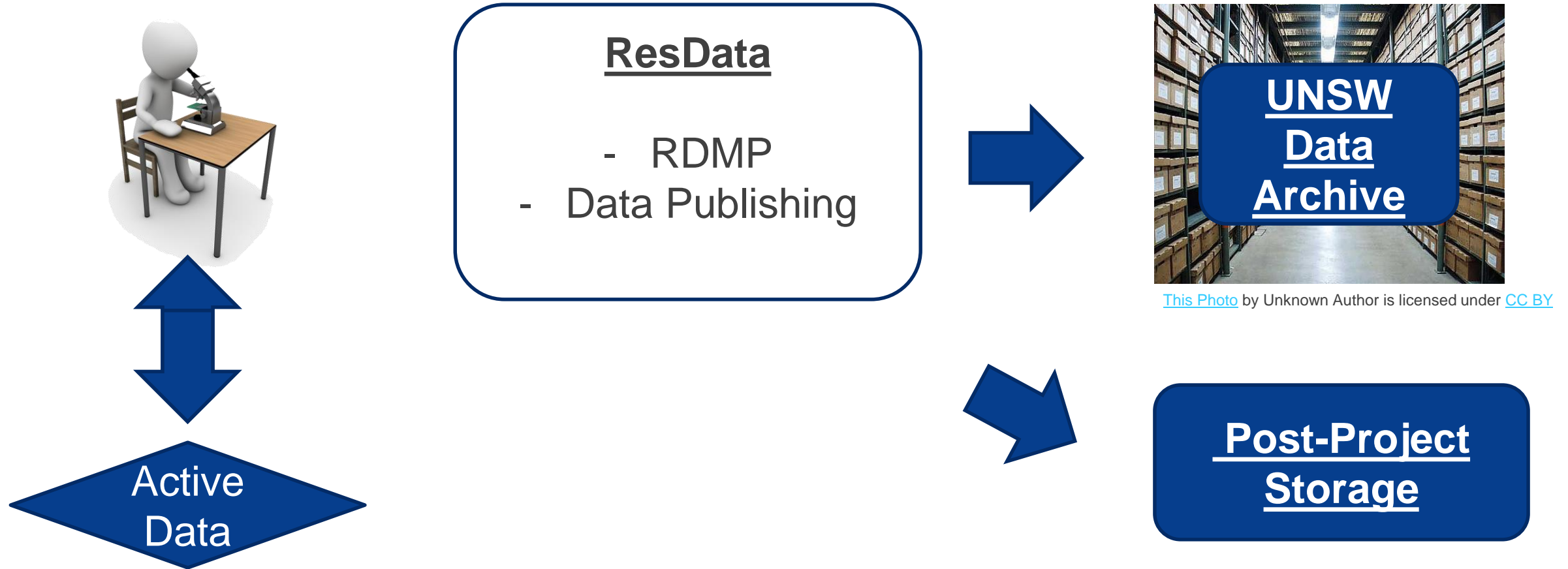


Promoting Data Management “best practice” at UNSW

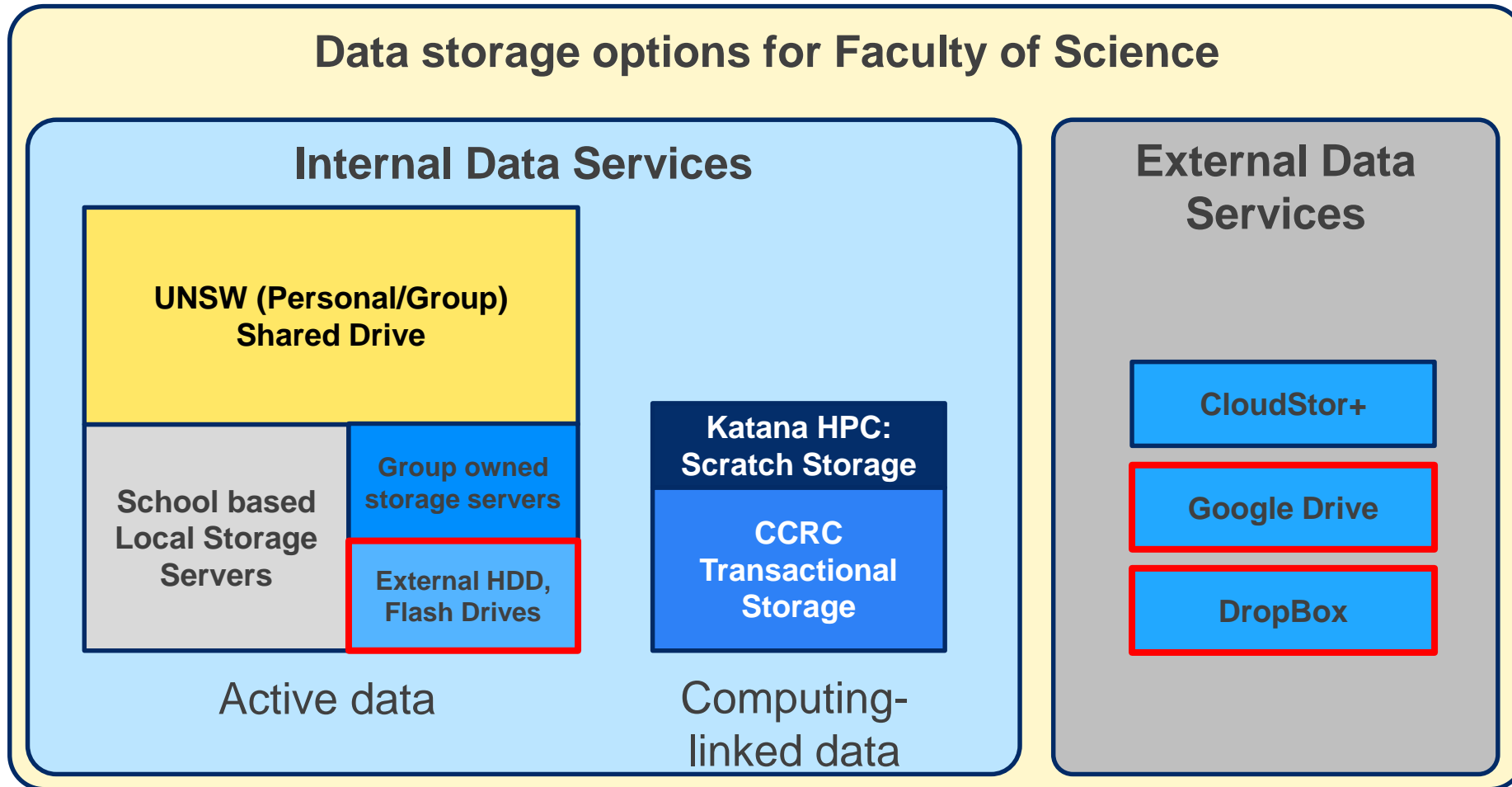
Jacky Cho, Adrian Chew, Cecilia Stenstrom, Luc Betbeder-Matibet

Data Management landscape at UNSW

- Not the first data management conversation we've had



What about Active Data? An example...



Policy

X No Research Data Policy

Data Publishing

X Immature Tools
X Limited Open Data Set Support

RDMPs

X Complex
X Low Uptake
X Minimal Integration

RDMP

Unsupported Tools

X Unsupported or Personal Tools to Store and Share
X Wide range of local systems used
X Low discoverability of supported Tools

Collaborations

X Personal tools used
X Unsupported Tools with no controls

DropBox or other sharing tool

Personal Email

Data Storage

X Many Systems
X Lots of data moves

Data Archive

Group and Home Drives

MWAC

CCRC Storage

Faculty System

Active Data Research System

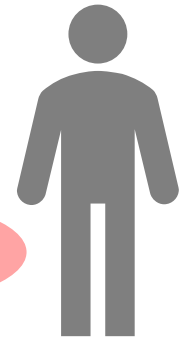
No Research Data Team

No Training Capability

Training and Support

X Low Awareness of Research Data Obligations
X Minimal Support for Research Data Tools, Data obligations, and Data Moves

My Data?



From the researcher side...

- ~10% of researchers had RDMPs
- Data Archive was used heavily, but many people did not know about it.
- Those with Data management needs (ethics, funding requirements etc.) sought it out.
- Researchers were :
 - Not sure they're “managing” “data”
 - Not sure what are they required to do
 - Not sure where they could get information or help

What is Data Management?

Researchers

IT

Library

DVCR

Data Governance

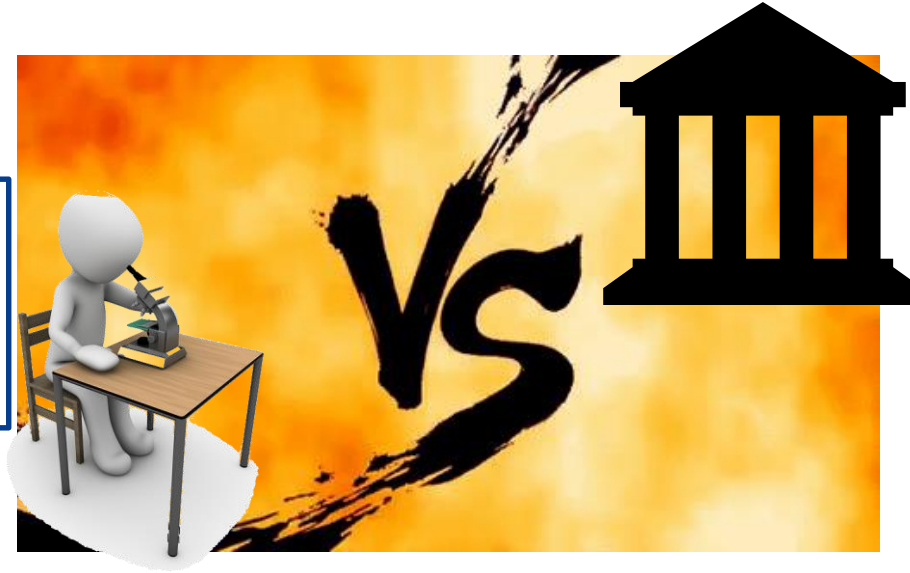
Research Integrity



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What is Data Management?

- Ease of use
- Access/sharing
- Cost/effort



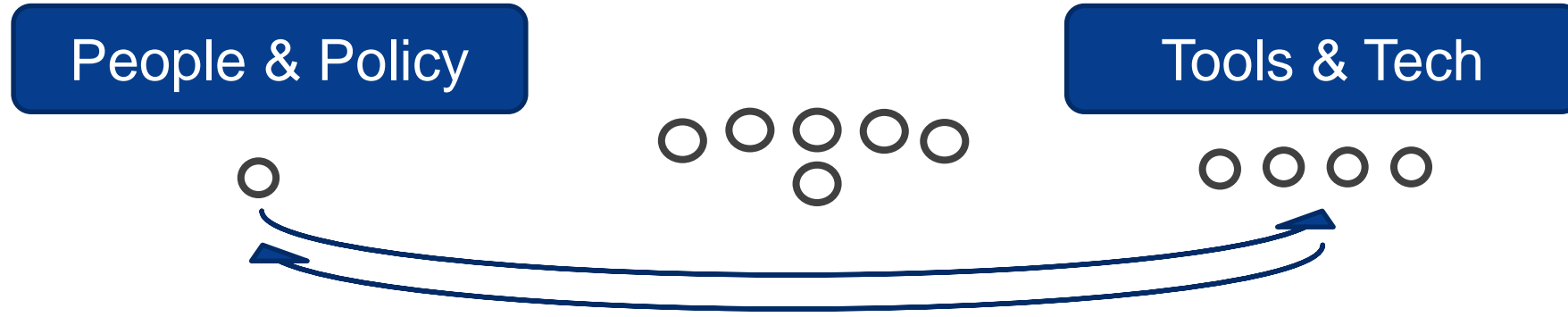
- Storage Capacity/Cost
- Systems Security
- Data Loss Prevention

- Research Integrity
- Data Citations
- Ethics and Policy

- Data Preservation/reuse
- Data Publishing

What is best practice?

The Game Plan



***Easy to access information, WIIFM,
Training, dedicated help/support***

***Leverage existing platforms, better
discoverability, Streamline/improve
User experience***

People

Research specific data policies

- Data governance and handling policies
- Data Classifications
- Data Storage guides

Websites and promotional material

- Single source of truth
- Clear defined actions
- Better tools discovery

Training programs

- Online and Workshops
- Developed with HDRs/researchers at every step

Regular RDM Info Sessions

- Tailored to faculties, schools and research centres

Dedicated Support Staff/comms channels

Tools

RDMP

- Redesigned
- Streamlined UX
- Better integration (Ethics *etc.*)

Project Storage/Tools provisioning

- UX focused
- Store: OneDrive, Research Active, DataArchive
Collaborate: MS Teams, eNotebooks

eNotebooks

- General: OneNote
- Advanced: *(In procurement)*

RDM Info Sessions



Research Data Management

1. Getting organised

Start



Data Support Team

We're hiring !!!

RDM Online Training



FOR MORE INFORMATION, GO TO
[HTTPS://RESEARCH.UNSW.EDU.AU/RESEARCH-DATA-MANAGEMENT-UNSW](https://research.unsw.edu.au/research-data-management-unsw)




Classifying your Research Data

| | Highly sensitive | Sensitive | Private | Public |
|--|--|-----------------------|---------|--------|
| Data containing information involving minors/at-risk participants or culturally sensitive groups | The data is classified as Highly Sensitive | Not Applicable | | |
| Data subject to regulatory controls | The data is classified as Highly Sensitive | | | |
| Data containing personal information | The data is classified as Sensitive or higher | | | |
| Data containing confidential information | The data is classified as Private or higher | | | |
| Data collected from human and/or animal participants | The data is classified as Private or higher | | | |
| Unpublished research data | The data is classified as Private or higher | | | |

It is possible that the data may have other requirements that are not covered in the current data classification.

Please contact datagov@unsw.edu.au if you have such unique requirements or doubts about classifying your data.

OneDrive is a UNSW supported research data storage platform for the above data classifications

| Storage location  | SUPPORTED | | | UNSUPPORTED | | |
|--|-----------------------|-------------------------|--------------|----------------|---|----------------|
| | UNSW OneDrive & Teams | Home drive Shared drive | Data Archive | Cloudstor | Local storage incl. Internal/External drive, USB, PC, etc | Dropbox |
| Highest data classification | Highly Sensitive | Sensitive | Sensitive | Private | Public* | Private |
| Stored in Australia | ✓ | ✓ | ✓ | ✓ | ? | ✗ |
| Backup and disaster recovery | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| Syncing with local copy | ✓ | N/A | N/A | ✓ | N/A | ✓ |
| External collaborator access | ✓ | ✗ | ✗ | ✓ | ✗ | ✓ |
| Storage limit | 5Tb per user | Unlimited | Unlimited | 100Gb per user | ? | ? |
| Version control | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ |
| Recovery from deletion | 60 days | ? | Unlimited | ✗ | ✗ | Plan dependant |
| Post project data retention | 7 years | 7 years | + 7 years | ? | ? | ? |

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- **Research Technology Services:** Luc Betbeder-Matibet, Jake Surman
- **Research Integrity:** David Do

“Good data management is good research”

- UNSW Research Integrity