

# Fostering cultural change across disciplines

*Bringing non-STEM researchers on our  
RDM journey*

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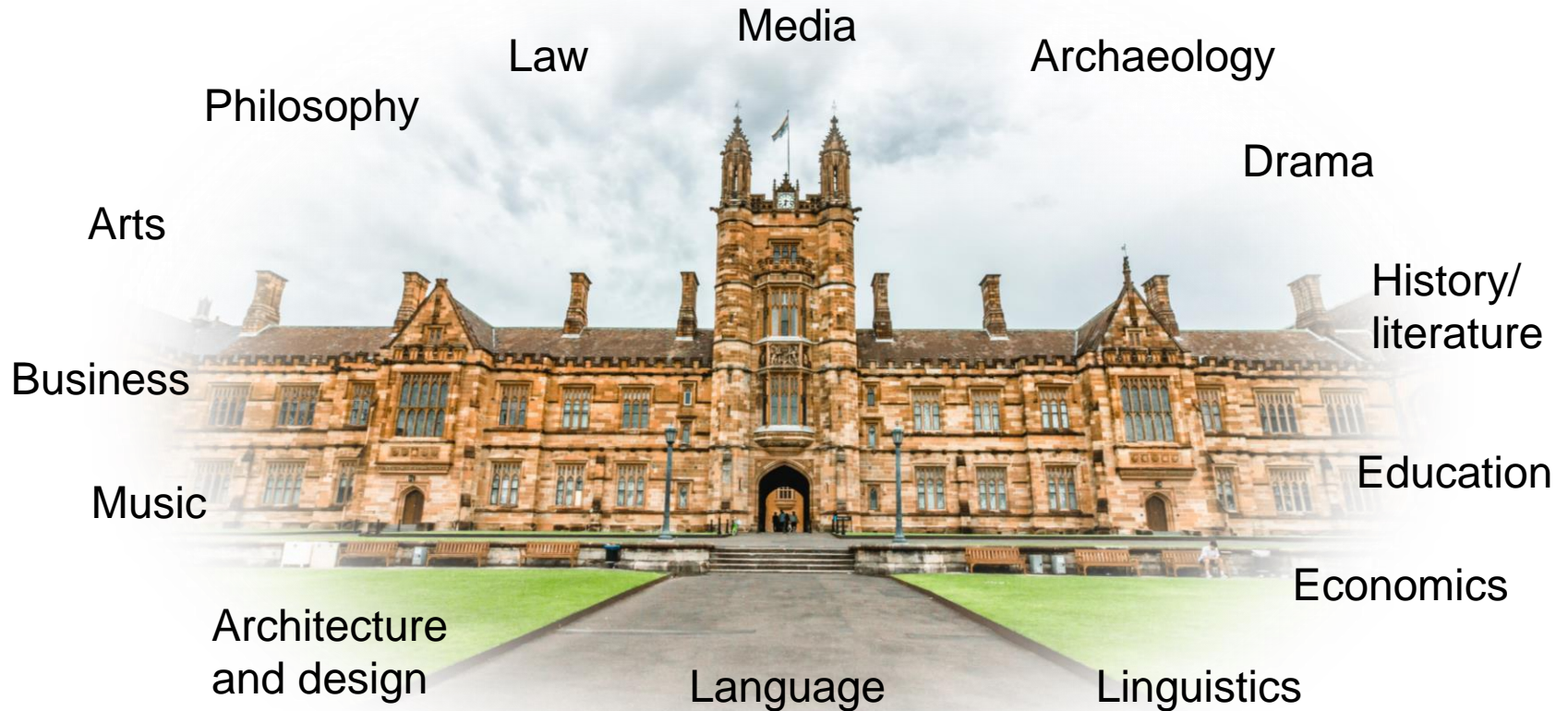
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SYDNEY

# Background

- Do we know what non-STEM/NTRO data looks like at Sydney
- I have a scientific research background
  - Structured process for RDM
  - Curiosity
  - Breaking down barriers
- Needing to flip your perception



# Diverse fields of research



# Challenges we faced

## Lack of awareness, engagement and compliance with RDM

### Don't see the need

"I don't have any research data, so why do I need to manage it ."

- Economics

### Can't relate to their work

"The platforms available to me don't relate to my work, and it's not easy to show the outputs I have."

- Arts

### Platforms are daunting

"A lot of the university systems aren't user friendly, and I am not used to using them."

- Arts

### Unclear where to start

"I have never been approached about this before or told by my faculty what I need to do, so where do I begin and why is it important?"

- Education

### Fear of ownership

"I'm not going to upload the images of my art, if I do, I'll be giving up ownership."

- Arts



## From

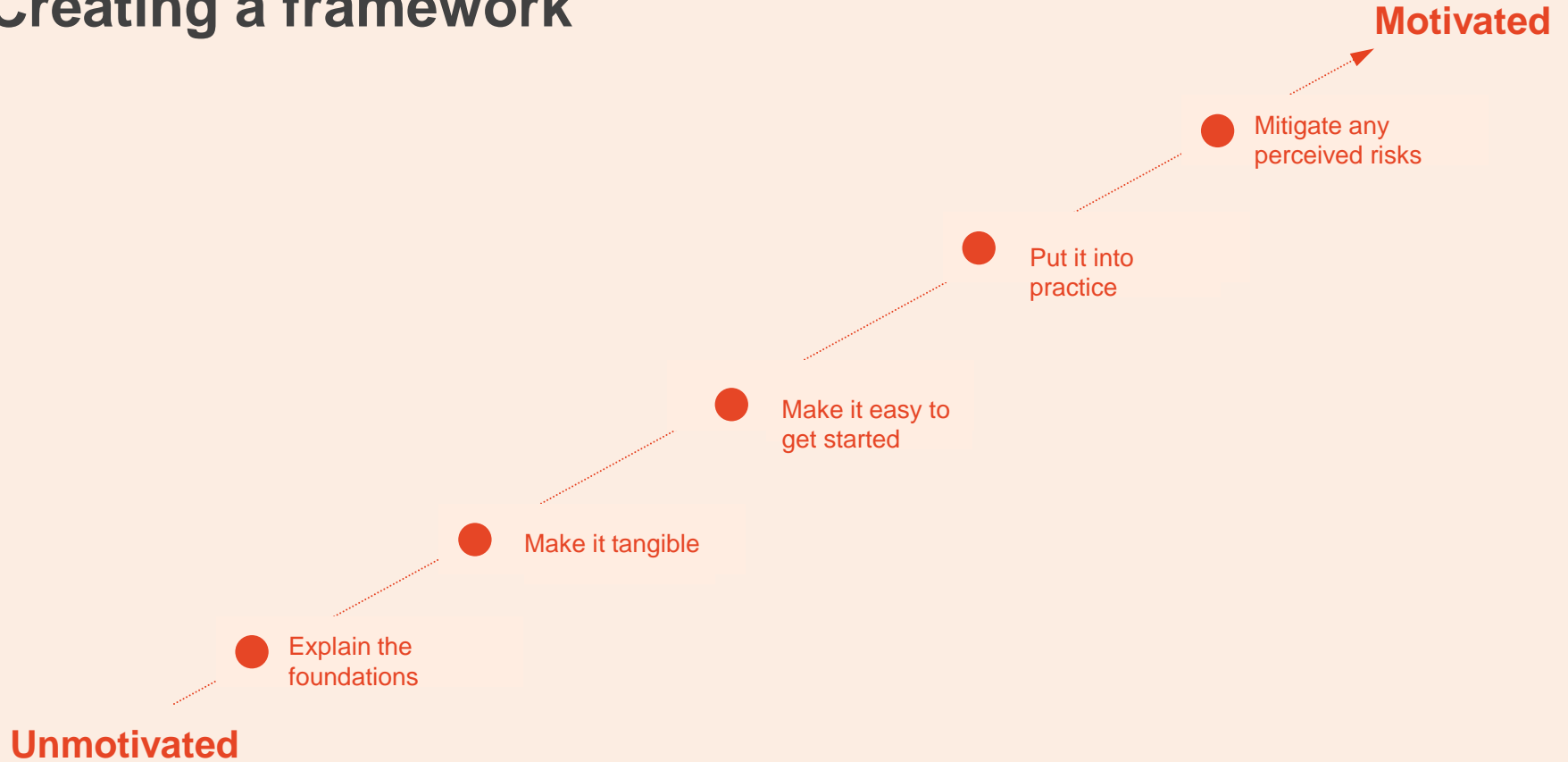
Unmotivated about data management  
- How do we get them to care?



## To

Motivated about data management  
- Build the emotional value

# Creating a framework



# Explore the foundations



Lab and field notebooks



Primary research data/ database



Clinical data



Questionnaires



Reports



Musical notation



Photographs



Audio-visual materials



Physical collections (tissue samples, slides)



Reference libraries

# Make it tangible: Examples of research output

- Original works
- Live performances
- Recorded interviews
- Film
- Audio recordings of musical pieces
- Video archiving of work process
- Curated or produced substantial public exhibitions and events
- Reports for an external body
- Code
- Portfolio of work
- Schematic design

**How can we make it digital and apply meta data to these?**



# Tailored case studies for your researchers



## Sydney College of the Arts

- 1. Case studies and theory*
- 2. Process of documentation*



## Sydney Conservatorium of Music

- 1. Non-Traditional Research  
Output (compositions,  
exhibitions and websites)*
- 2. Traditional Research  
Output (publications)*



## Architecture, Design and Planning

- 1. Digital data*
- 2. Process of documentation/  
physical data*

# LabArchives (eNotebook)

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Notebooks >

Shannon

- Useful links for reference
- Starting Resources
- Credential Checklist
- REDCap
- Qualtrics
- Personal workflow folder
  - General enquiries and
  - AI information
- + New...
- Transcription
- General Workflow - ema
- LHD email about reques
- Booking link
- HUB consultation / resear
- + New...
- Deleted items

**Dashboard for Shannon**

Add a notebook description...


- Summary
- Folders
- Pages
- Public pages
- Entries
- Revisions
- DOIs
- Deleted folders
- Deleted pages
- Deleted entries
- Storage used

Comparative schematics

+ New Rich Text Heading Attachment

Shannon Maree Taylor - Nov 08, 2023 at 2:29 PM AEDT


Architectural models



Shannon Maree Taylor - Nov 08, 2023 at 11:19 AM AEDT

**Archival material**

Shannon Maree Taylor - Nov 08, 2023 at 2:26 PM AEDT



## Time stamps

Shannon Maree Taylor - Sep 12, 2023 at 12:39 PM AEST

Shannon Maree Taylor - Sep 12, 2023 at 12:24 PM AEST

Added benefit: You can also use it on your phone – field access

## Perceived risks

- The Academics were fearful to upload any record/image of their creative works.
- We needed a way to have their research outputs recorded.
- We came to a solution of watermarking any images uploaded.



AdobeStock\_615207436\_Preview.jpeg (291 kB)

# Positive outcome: Faculty of Arts and Social Sciences

- Researchers are more enthusiastic and feel supported.
- Relationship growth with the research support office at FASS due to this project.
- Research Manager adopted the eNotebook as the NTRO record tool for the faculty.
- This strategy is now in use!



# This success led to increased impact: RDMP uplift

- Research data management compliance has become a top priority for the FASS.
- I ran a RDMP audit (~ 130 projects) – initially 10-15% compliance was observed.



- Second round of RDMP audits:

**36% uplift** in RDMP creation and interaction with RDM best practice after this review was complete and is currently ongoing with aim to get to **80%**.



**Thank you! Any Questions?**