

# Planning for the future: from projects to platforms

Dr. Steven McEachern

Director, Australian Data Archive

Australian National University

<https://ada.edu.au>



ADA AUSTRALIAN  
DATA ARCHIVE

# My background

- Director of the Australian Data Archive
  - Deputy 2009-12, Director 2012 - present
- I am:
  - A social researcher (PhD in industrial relations, working now in social surveys and public opinion)
    - First LIEF (2003) was a collaborative survey research facility
  - Been running infrastructure for 10 years – to the detriment of my research activity
  - A Level C academic
- LIEF participation:
  - As a Chief Investigator: 3 from 3 (2003, 2011, 2018)
  - **As the Lead Chief Investigator: 0 from 1 (2012)**
- This is **not a complaint** – but a reality of the operation of some of these facilities
  - Reflection on one of the success factors: Senior academics, and track record matter
  - But you need technical and infrastructure expertise as well

# Connecting Infrastructure and LIEF

- You need to think about who is the mix of CIs in your proposal
- What do you bring to the grant proposal?
- What do your colleagues bring?
- This is a COLLABORATIVE program
  
- My reflection - what do I provide :
  - SUSTAINABILITY – ANU provides ongoing support (and NCI)
  - SOCIAL CAPITAL – I work with a lot of people, and support a lot of research activity
  - CONNECTING INFRASTRUCTURE AND RESEARCH – I spend a lot of time understanding research infrastructure, and try to think about how it might benefit the social science (and HASS) community
- Would I LEAD another LIEF?
  - Maybe – but more likely I would work with a number of my professorial colleagues

# My task today

- Moving from projects to platforms
- What works?
- How do we move between programs?
- Should we move beyond LIEF? And what is LIEF's role?
  
- Methodology:
  - Review of the LIEF grants 2001-2019
  - Examination of themes in the program
  - From projects to platforms?

# Review of current LIEF grants

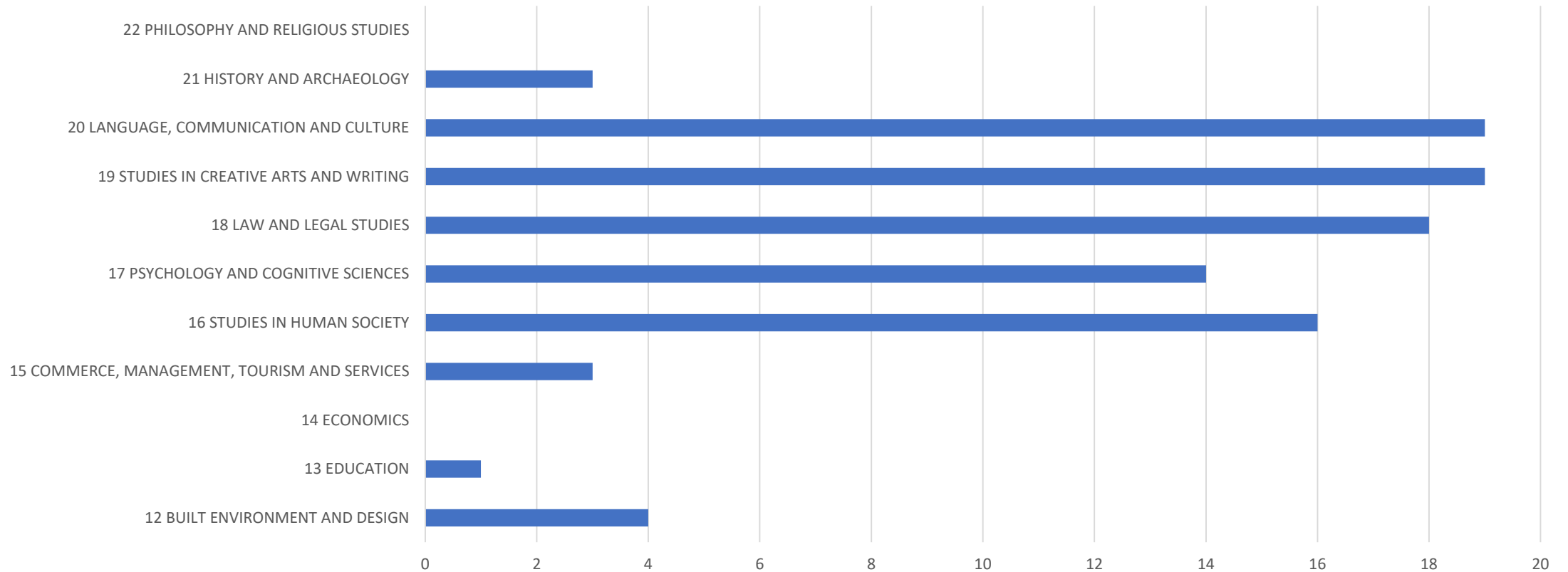
- Compiling the list: Query on the ARC Grants Data Portal
  - [dataportal.arc.gov.au](https://dataportal.arc.gov.au)
    - <https://dataportal.arc.gov.au/NCGP/Web/Grant/Grants>
- Filter for ANY ARC LIEF grant, in ANY FoR code from 11-22, for ANY year in the portal (2001-2020)
  - Includes Medical and Health Sciences (11) and Psychology and Cognitive Sciences (17)
- Here's the query:
  - [https://dataportal.arc.gov.au/NCGP/Web/Grant/Grants#/1000/1///\(scheme%3D%22Linkage%20Infrastructure%2C%20Equipment%20and%20Facilities%22\)%20AND\(two-digit-for%3D%2211%22%20OR%20two-digit-for%3D%2212%22%20OR%20two-digit-for%3D%2213%22%20OR%20two-digit-for%3D](https://dataportal.arc.gov.au/NCGP/Web/Grant/Grants#/1000/1///(scheme%3D%22Linkage%20Infrastructure%2C%20Equipment%20and%20Facilities%22)%20AND(two-digit-for%3D%2211%22%20OR%20two-digit-for%3D%2212%22%20OR%20two-digit-for%3D%2213%22%20OR%20two-digit-for%3D)

# LIEF activity 2001-2019

- 101 LIEF Grants
  - 151 in search
  - Dropped 41 Medical and 9 Psychology
- Remainder classified by:
  - Field of Research
  - Project/Cluster
  - Time

# LIEF Grants by Field of Research

LIEF GRANTS BY FoR



# LIEF Grants by Project/Cluster

- These grants are NOT distributed even within FORs
- They concentrate within a small number of larger “projects” (or platforms?)
- How were these determined?
  - Same query
  - Review the CIs and project descriptions
  - Tag by cluster or project
  - Some were unclustered (at a simple reading only)
  - 41 were from 11 Health and Medical
  - 9 were from 17 Psychology

## Basic classification coding

	NCRIS/Other funding
	Law
	Studies in Human Society
	Language, communication and culture
	History and archeology
	No longer available?
	Creative arts and writing



# LIEF Grants by Project Cluster

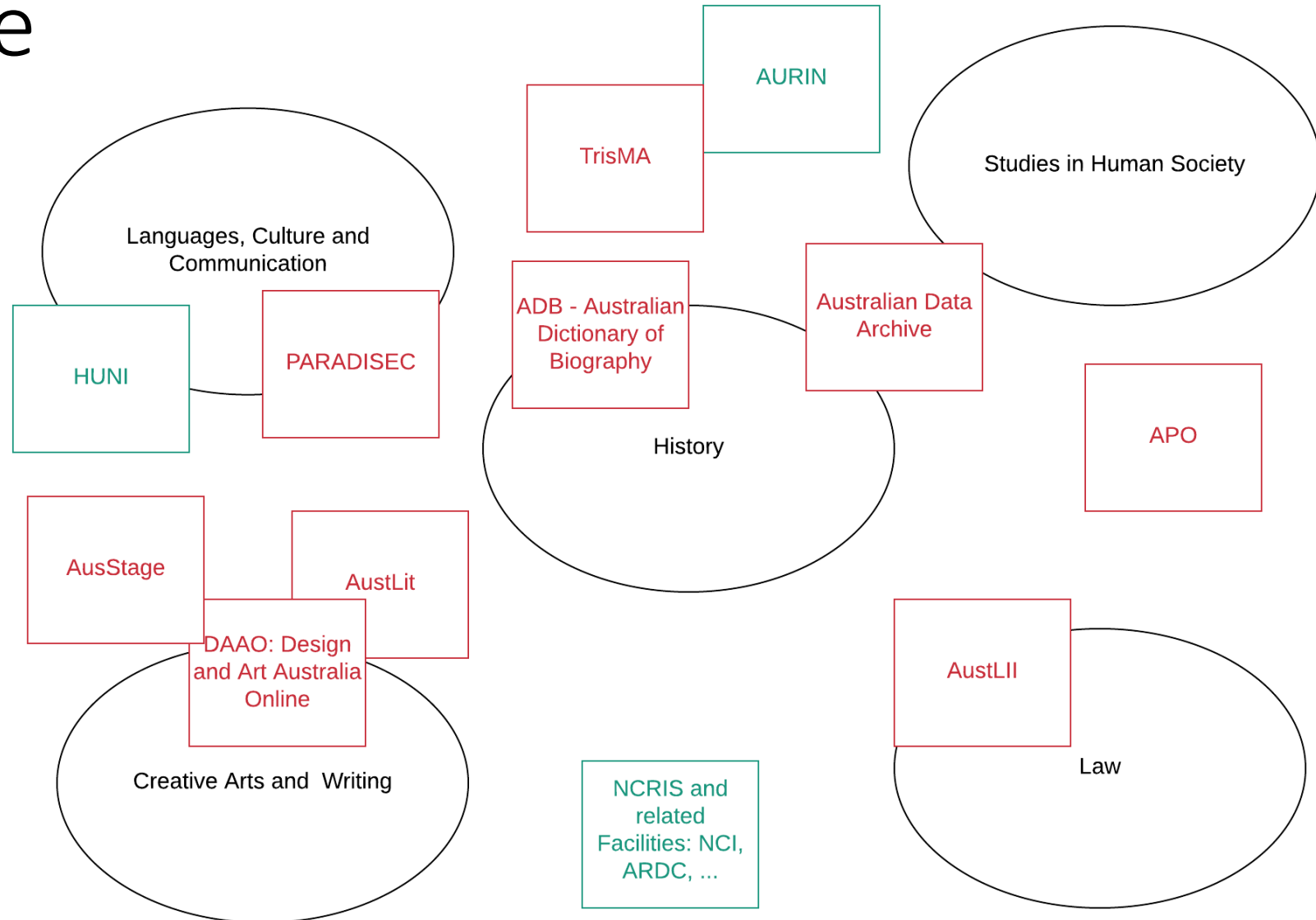
AUSTLII	16
AustLit	9
APO	8
DAAO	6
AusStage	5
PARADISEC	4
ADA	4
ADB	3
RoadTransport	3
AUSTLII??	2
Music	2
AHURI	2
Indigenous	2

ArgusOnline	2
LANGUAGE	2
AURIN	2
RegionalArchives	2
SoundFootings	2
Language/Indigenous	2
AWAP	2
Museology	2
FAIMS	1
TriSMA	1
URBAN	1
HUNI	1
Other	15

# HASS LIEF grants by TIME

Row Labels	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total
Aboriginal																1			1
ADA								1		2		1							4
ADB			1	1	1														3
AHURI															1			1	2
APO			1	1	1		1	1			1				1		1		8
ArgusOnline	1		1																2
AURIN						1									1				2
AusStage		1				1			1				1			1			5
AUSTLII	2		1	1	1		1	1	1	1	1	1	1	1		1	1	1	16
AUSTLII??				1													1		2
AustLit		1			1	1	1	1	1	1	1	1							9
AWAP		1					1												2
DAAO		1		1		1			1		1		1						6
FAIMS													1						1
HUNI																		1	1
Indigenous																1			1
LANGUAGE									1									1	2
Language/Indigenous											1		1						2
Museology														1		1			2
Music					1			1											2
PARADISEC		1	1	1						1									4
RegionalArchives	1			1															2
RoadTransport							1	1				1							3
SoundFootings			1		1														2
TriSMA												1							1
URBAN																		1	1
<b>Grand Total</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>86</b>

# The Australian LIEF (or Infrastructure?) landscape



# Should we move beyond LIEF?

- There are several major projects now well established
- Are these projects now beyond the scope or capacity of LIEF?
  - We have already demonstrated their benefit, and road-tested their support through the ARC review process
- How should LIEF be understood within the broader HASS infrastructure landscape?
  - NCRIS: National Collaborative Research Infrastructure Strategy
  - ARDC: Australian Research Data Commons
  - European Union infrastructure:
    - CESSDA/ESS/SHARE – social science infrastructure
    - DARIAH / CLARIN / ... - humanities infrastructure

# Do we need a CERN/SKA?

- Actually we have some examples...
- What are our Human Observation systems?
  - Social Science: World Values Survey, European Social Survey, Twitter, Facebook, Government departments, ...
  - Humanities: OLAC, ...

# What then is the role for LIEF?

- We have a number of projects that have now been field-tested – through the LIEF program
- One possible model:
  - LIEF as the pilot program:
    - Establish the project, demonstrate the need and implement the system
  - A HASS Platform that integrates the projects as they mature
  - What role for:
    - Australian Research Council
    - Australian Research Data Commons
    - National Collaborative Research Infrastructure Strategy
    - Other funding/strategies

# A pilot platform for the social sciences (and into the humanities)

- HASS-DEVL: HASS Data-enhanced virtual laboratory
  - \* ADA: Australian Data Archive
  - \* AURIN: Australian Urban Research Infrastructure Network
  - # SoDA Lab: Social Data Analytics Lab
  - \* APO: Analysis and Policy Observatory
  - \* TRISMA: Tracking Infrastructure for Social Media Analysis
  - Research Projects: AHURI, Prosecutions Project, ...
  - Government Research Agencies: ABS, AIHW, AIC, AIFS, AIATSIS
  - Centres of Excellence: CE for Population Ageing Research, Lifecourse Centre, CE for Automated Decision-making and Society, ...
- \* LIEF (and NCRIS and other...)  
funded
- # LIEF application  
pending
- Apologies – but  
not – for the  
alphabet soup