

Planning for the future: from projects to platforms

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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

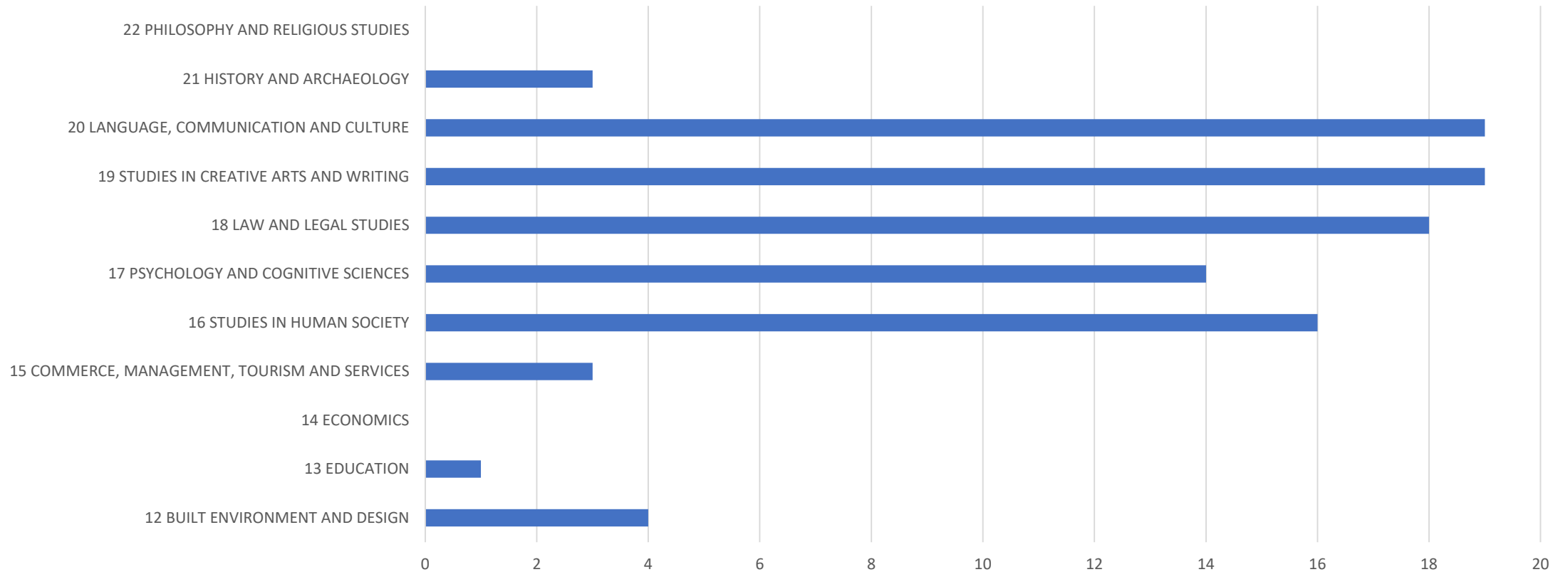
- Compiling the list: Query on the ARC Grants Data Portal
 - dataportal.arc.gov.au
 - <https://dataportal.arc.gov.au/NCGP/Web/Grant/Grants>
- Filter for ANY ARC LIEF grant, in ANY FoR code from 11-22, for ANY year in the portal (2001-2020)
 - Includes Medical and Health Sciences (11) and Psychology and 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

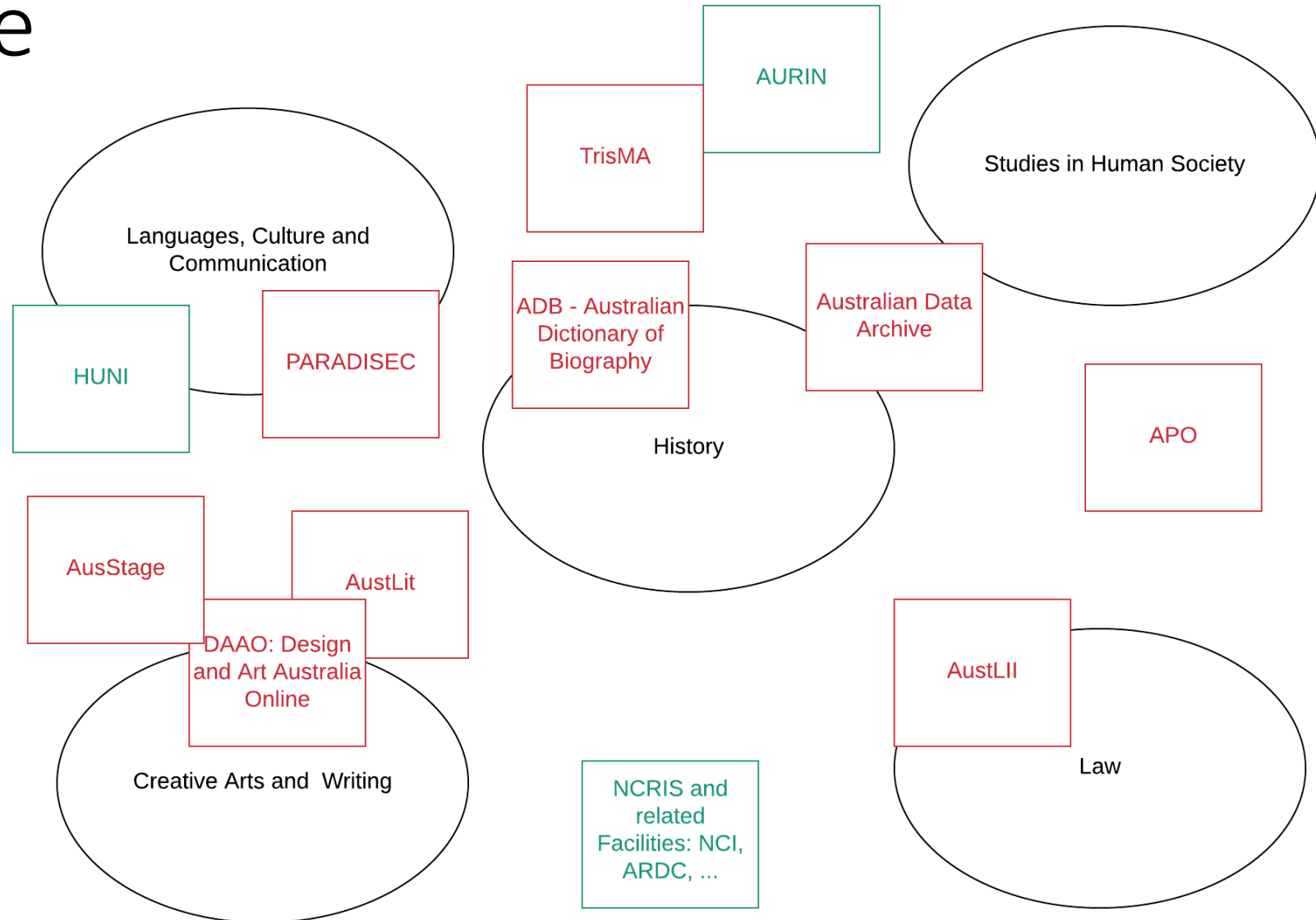
AUSTLII	16
AustLit	9
APO	8
DAAO	6
AusStage	5
PARADISEC	4
ADA	4
ADB	3
RoadTransport	3
AUSTLII??	2
Music	2
AHURI	2
Indigenous	2

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
Grand Total	4	5	6	7	6	4	5	6	5	5	4	5	6	2	3	5	3	5	86

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