Curating the dynamic: future challenges of a shifting research landscape

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Aims of research

To identify themes associated with the changing research environment

To explore issues emerging within these themes

To develop a conceptual framework that illustrates the emerging relationship between the researcher and the academic library

To suggest some possible emerging scenarios

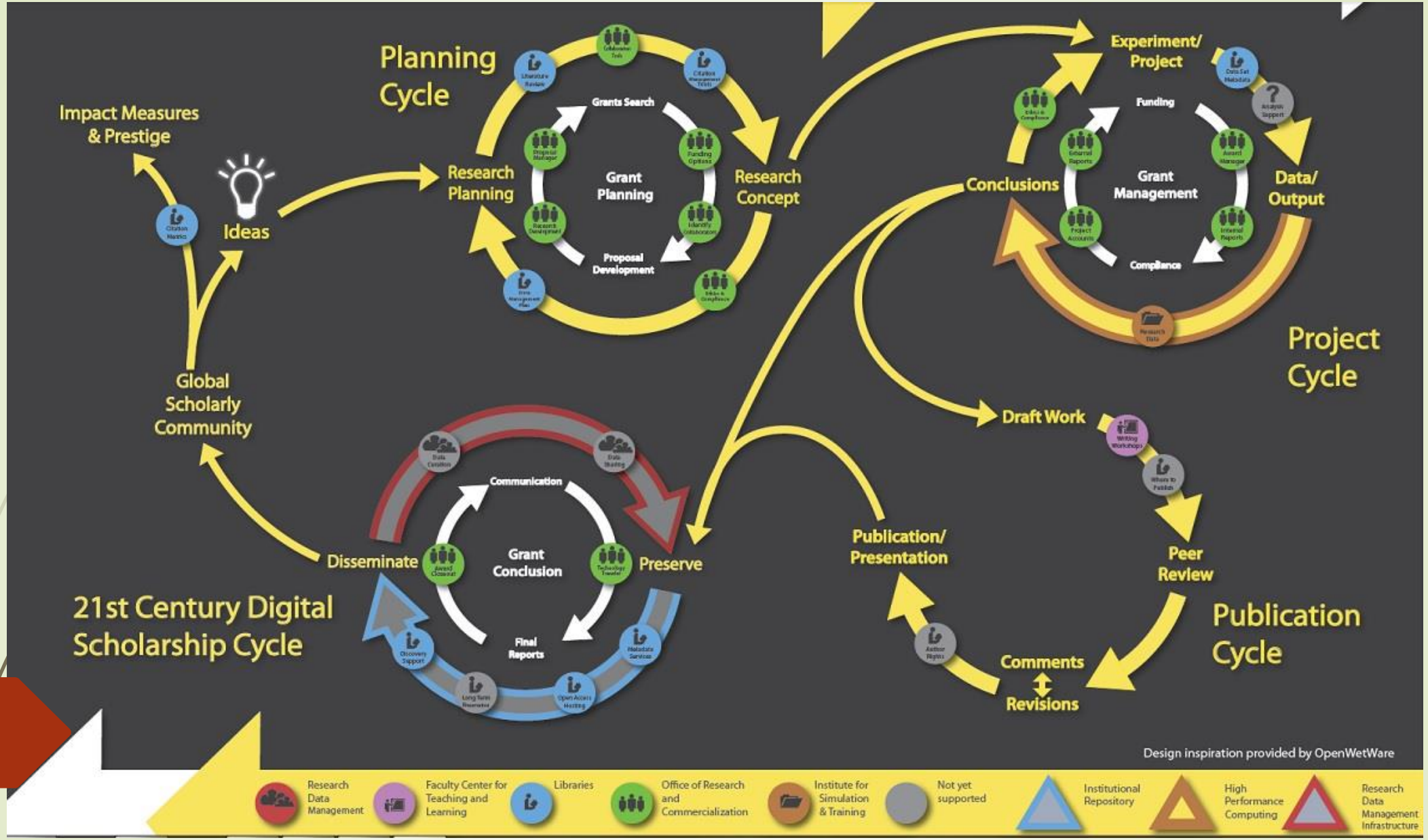
To recommend action for senior leaders and policymakers in the light of the findings

Why…

The proliferation of digital content is part of the evolution, revolution, or crisis in scholarly communication, depending on the perspective taken. Authors, libraries, universities, and publishers are wrestling with the trade-offs between traditional forms of publisher-controlled dissemination and author-or institution-controlled forms of open access publishing. At issue are the forms of peer review, the speed of dissemination, the ease of access, the cost, who pays the cost (e.g., the author, library, or reader), and preservation. (Borgman, 2010, p. 9)

Research Questions

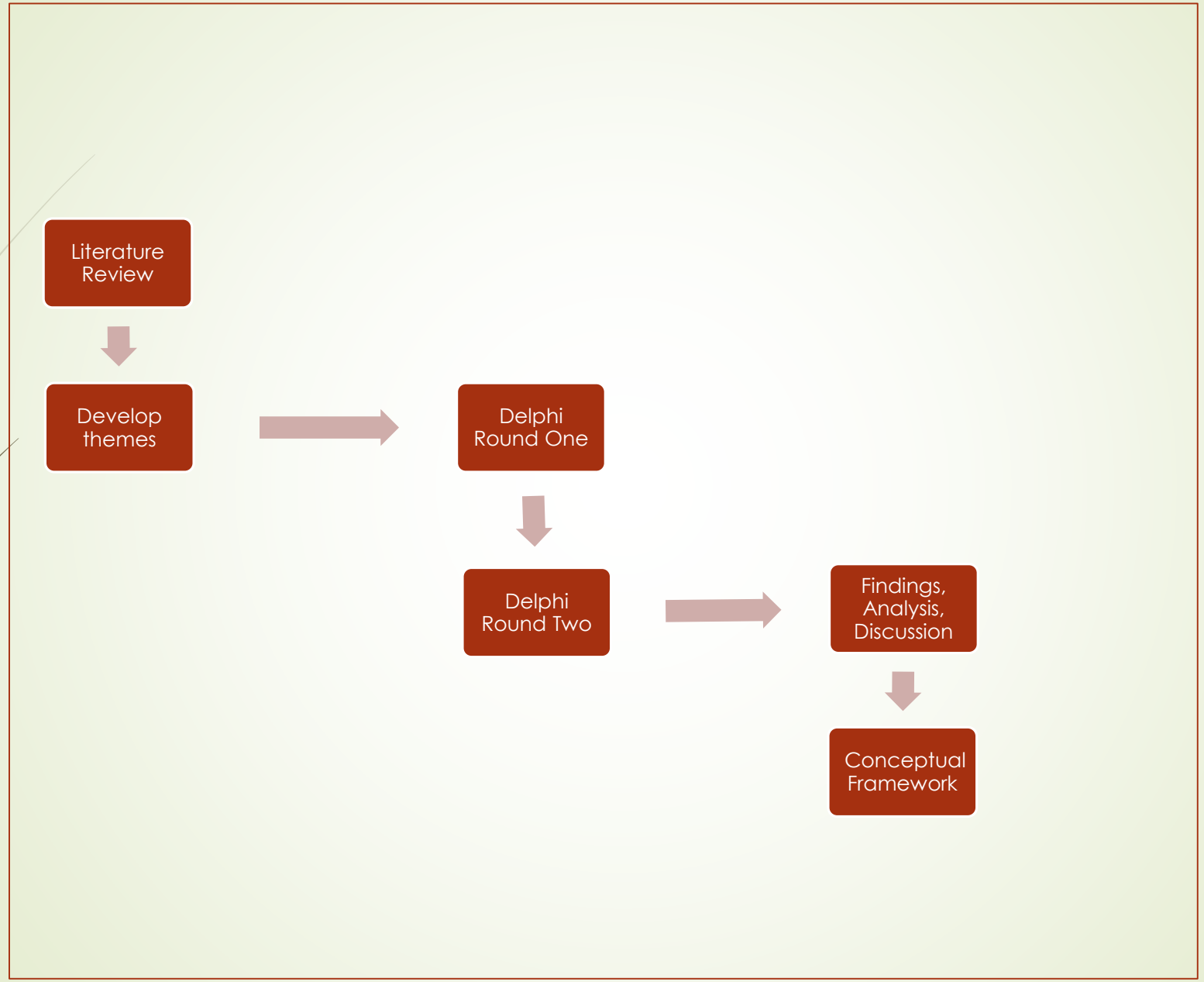
- How is the external environment disrupting and changing the research process?
- How is open access instigating change in the structure and functional support of research?
- What might be the impact of open access on those stages of the research lifecycle supported by the library?
- How might disruptive changes reshape the library?
- What is the response of the library to the changes in open access research?
- What are the important and pressing issues library leadership needs to address?

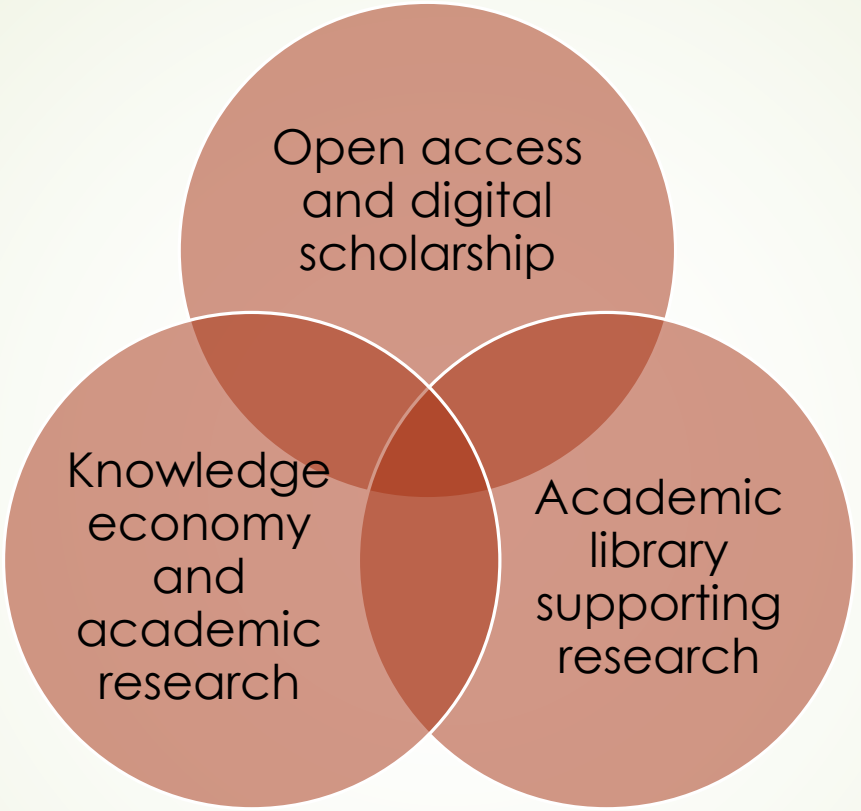


Research Lifecycle at UCF - University of Central Florida Libraries 2013

How… Methodology

Context; Literature Review; Identified themes; Delphi Technique; re-engaged with the literature contextualised and synthesised.


Literature Review
Develop themes
Delphi Round One
Delphi Round Two
Findings, Analysis, Discussion
Conceptual Framework



Scope of the literature review

THEME	SUB-THEME	Question Areas
Open Access policy and strategy		A1, A2, A5; B2, B4, B5, B6
	OA and library leadership	B2, B6
Scholarly communication		A2, A3 A4 A5; B6
	Research Data Management	A2, A3; B4, B5, B6
	institutional repositories	A3 + A4; B4
	Bibliometrics	A4
Role of library		B1 and B2
	library positioning (and perception) for research support	B1
	library skills and workforce	B2, B3

Delphi study

Moodle; Two rounds; Delphi Technique; re-engaged with the literature (Mendeley) contextualised - **http://librarydelphi.learnerinformatics.com/**

Research and the Academic Library: A Delphi Study

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The Delphi Study

1 Round Two Questions

Welcome to the questions for **Round Two** and thank you again for completing the first round of this Delphi study. Round Two is a short exercise building on the data collected from Round One. The aim is to identify more closely the issues of importance currently and in the future.

An outline summary of the data collected in Round One can be found on the next page.

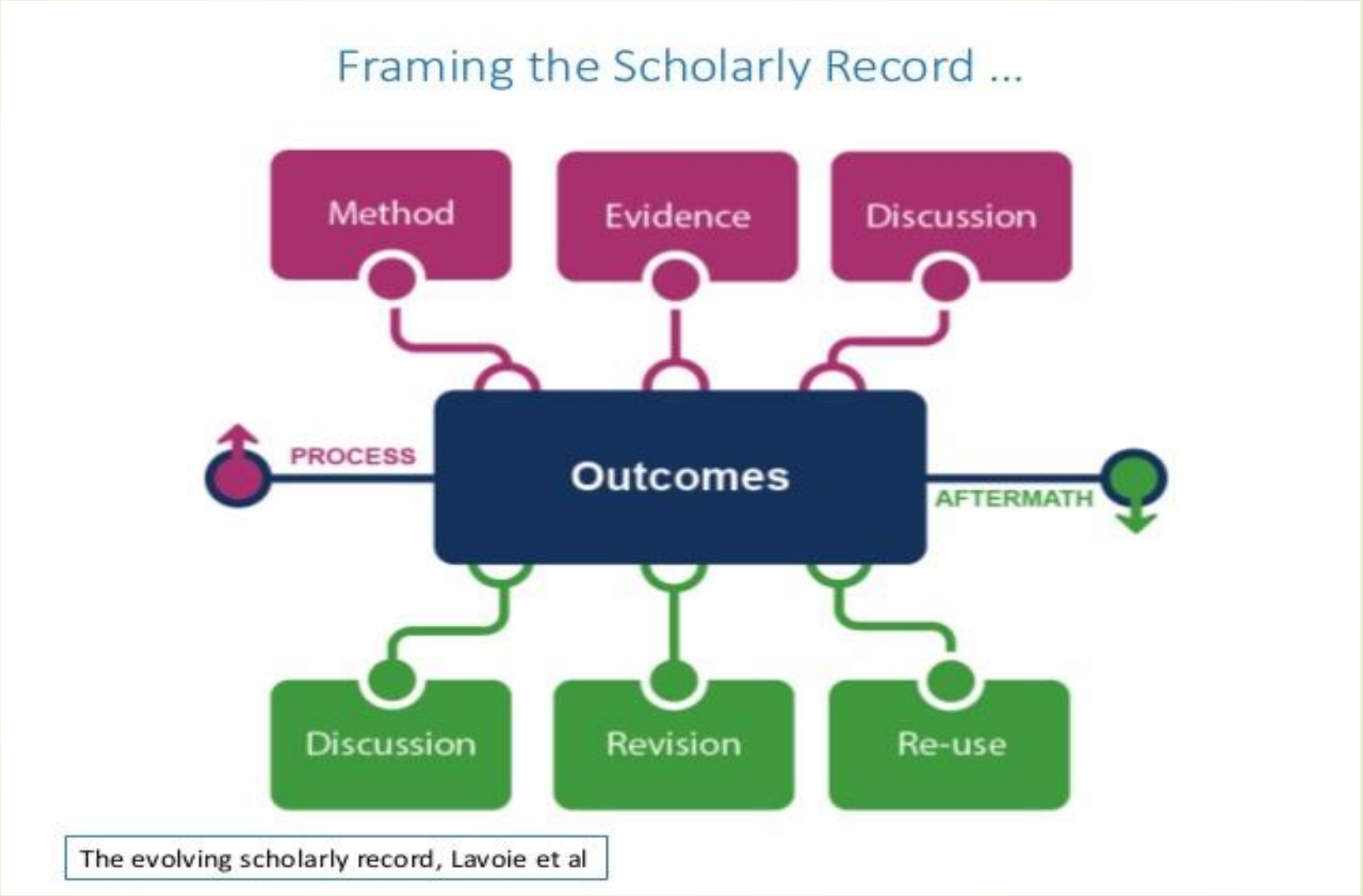
Click here to go to Round Two questions

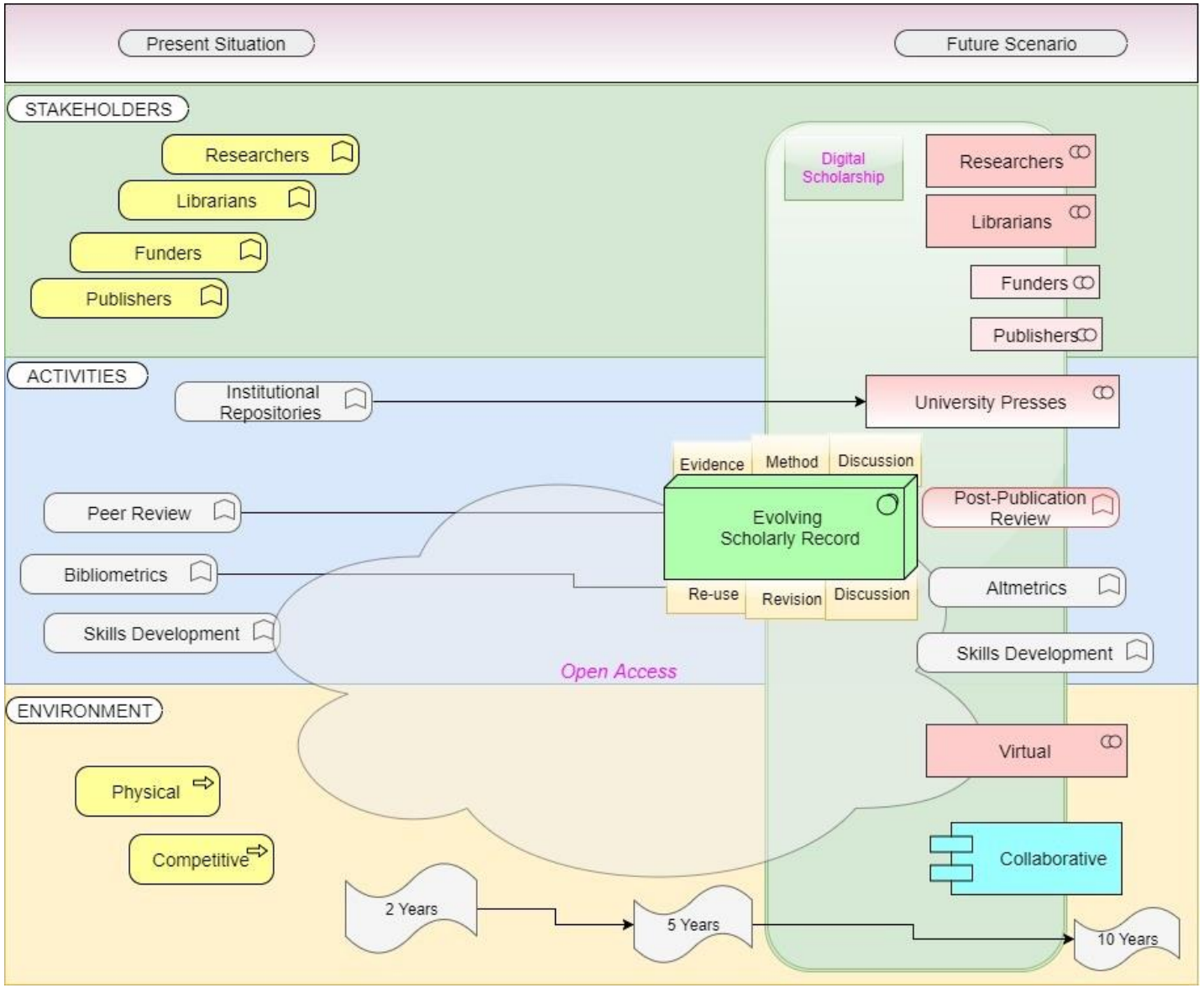
Prediction Questions - B4 – Two Year Horizon	Likely/ desirable	Likely/ undesirable	Unlikely/ desirable	Unlikely/ undesirable	Total
B4.1 Library strategy will shift towards supporting research data management	30 (86%)	2 (6%)	2 (6%)	1 (3%)	35
B4.2 Librarians will add value (e.g. enhance discoverability) to research data	25 (71%)	1 (3%)	8 (23%)	1 (3%)	35
B4.3 Universities will have effective institutional repositories	23 (66%)	1 (3%)	10 (29%)	1 (3%)	35
B4.4 The RDM function will fall within the remit of a dedicated research support unit	15 (43%)	6 (17%)	8 (23%)	6 (17%)	35

Rank	Five years' time statements	Score*
1st	An effective open scholarly communications model	124
2nd	An effective research funding model	116
3rd	Increasing the data management skill levels of librarians	79
4th	Sharing research outputs across institutional repositories	77
5th	Repositioning the library to respond to research support issues	73
6th	Other	35

Main Findings

- · the complexity of the policies and strategies associated with open access
- · their likely profound impact on the concept and character of the academic library, and,
- · the extent to which university and library leaders have yet to fully appreciate the potency and urgency of digital scholarship.


Framing the Scholarly Record ...
Method
Evidence
Discussion
PROCESS
Outcomes
AFTERMATH
Discussion
Revision
Re-use
The evolving scholarly record, Lavoie et al


Present Situation
Future Scenario
STAKEHOLDERS
Researchers
Librarians
Funders
Publishers
Digital Scholarship
Researchers
Librarians
Funders
Publishers
ACTIVITIES
Institutional Repositories
University Presses
Evidence
Method
Discussion
Peer Review
Evolving Scholarly Record
Post-Publication Review
Bibliometrics
Re-use
Revision
Discussion
Altmetrics
Skills Development
Skills Development
Open Access
ENVIRONMENT
Virtual
Physical
Competitive
Collaborative
2 Years
5 Years
10 Years

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