NRENs, library consortia and government: Nexus for democratising access to scholarship

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&

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Introduction

- From oral traditions, Guttenberg Galaxy to digital libraries
- Brick &mortar to techno-infospheres
- From depositories to repositories
- From ownership to resource sharing
- Convergence of participants
- Proliferation of data as a scholarly product

OBJECTIVES

- Highlight key players in providing of access to scholarship
- Describe the state of scholarship in academic institution
- Assess the challenges facing academic institutions in providing access to scholarship
- Examine collaborative initiatives in HE

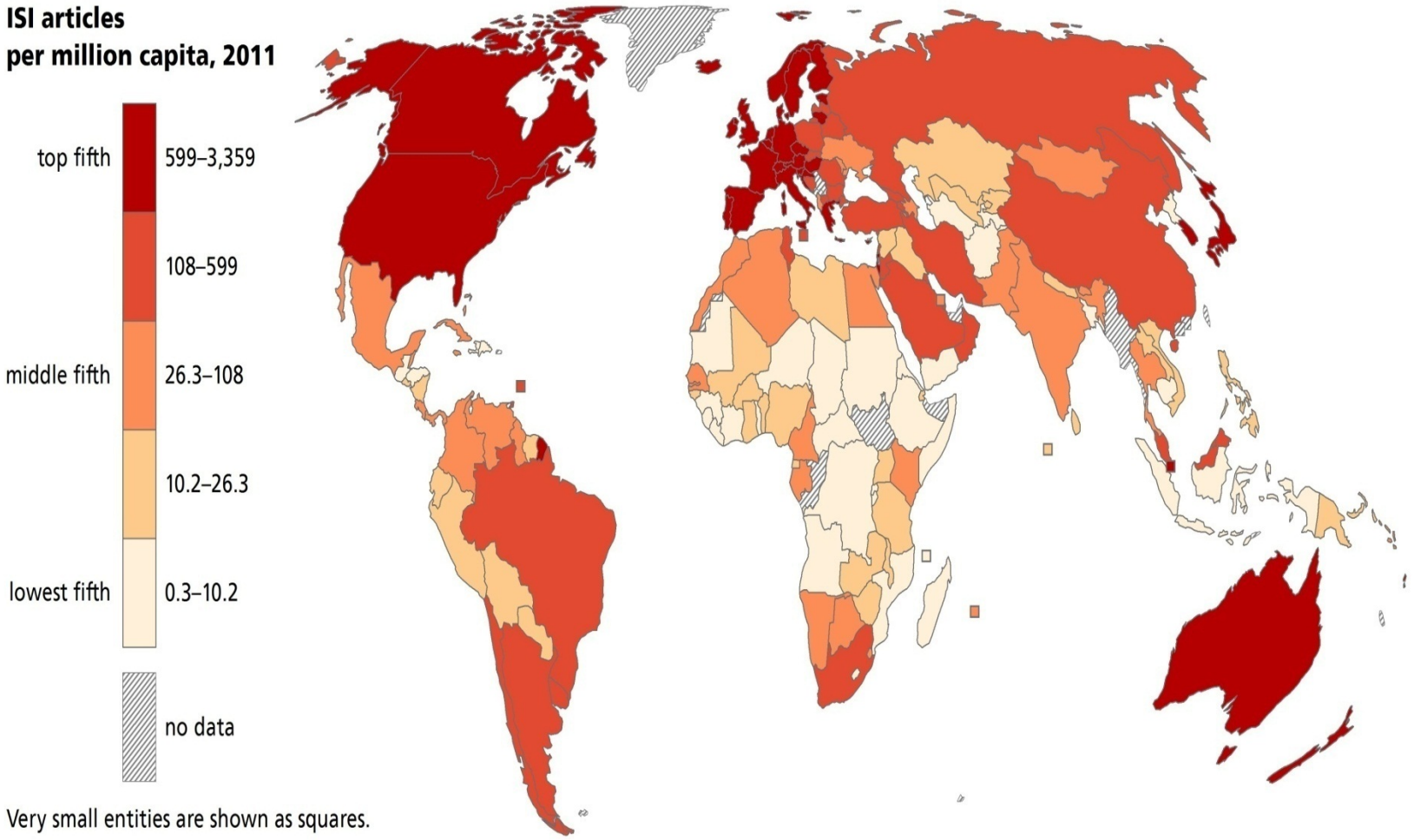
KNOWLEDGE Production

- Doubling efforts in supporting HE
- Contribution to global knowledge?
- Peripheralisation of Africa
- Practicality of collaboration
- Changing dialectical relationship
- Blurring institutional ownership and boarders
- From disciplinary to multidisciplinary research

“Higher education... strategically position itself between government and industry, to influence both, and to steer the trajectory of economic development ...have a mutually beneficial relationship with the state, society and other stakeholders.”

Gumede (2012)

GLOBAL KNOWLEDGE PRODUCTION MAP



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CHALLENGES

- Brain drain or brain gain ?
- Poor infrastructure?
- Digital divide *viz-a-viz* accessibility & affordability
- Information as a commodity
- Overcoming knowledge & network deficits
- ICT infrastructural developments &hope for development

Cont'd

- **Providing quality access to scientific publications**
- **Enhancing the visibility & accessibility of research output**
- **Underfunding**

INTERNET PENETRATION

YEAR	Users	Population	% Pen.	Usage Sour
2000	50,000	14,712,000	0.3 %	
2002	500,000	13,874,610	3.6 %	
2005	820,000	12,247,589	6.7 %	
2008	1,351,000	12,382,920	10.9 %	
2011	1,445,717	12,619,600	11.5 %	
2016	6,759,032	14,546,961	46.5 %	

NREN in Zimbabwe

- ZARNET Internet and ICT services to the academic and research sector.
- ZIMREN - inter-institutional regional and global connectivity
- Strengthening HE access to cost-effective ICT connectivity and high-speed bandwidth.

INSTITUTIONAL REPOSITRIES

African Capacity Building Foundation (ACBF)

Virtual Library on Capacity Development

Chinhoyi University of Technology (CUTIR)

Chinhoyi University of Technology Institutional Repository (CUTIR)

Midlands State University

Midlands State University Repository

National University of Science and Technology (NUST)

NuSpace Institutional Repository

NuStone Digital Library

(including theses and dissertations)

Research Council of Zimbabwe

National Research Database of Zimbabwe

University of Zimbabwe

University of Zimbabwe Institutional Repository

Zimbabwe Open University

ZOU SPACE : Institutional Repository

CONTEMPORARY ISSUES

- Open Science
- Open Access
- Forensic Bibliographic Reconstruction,
- Open Linked Data,
- Licensing content
- M-Libraries
- Intellectual genealogy

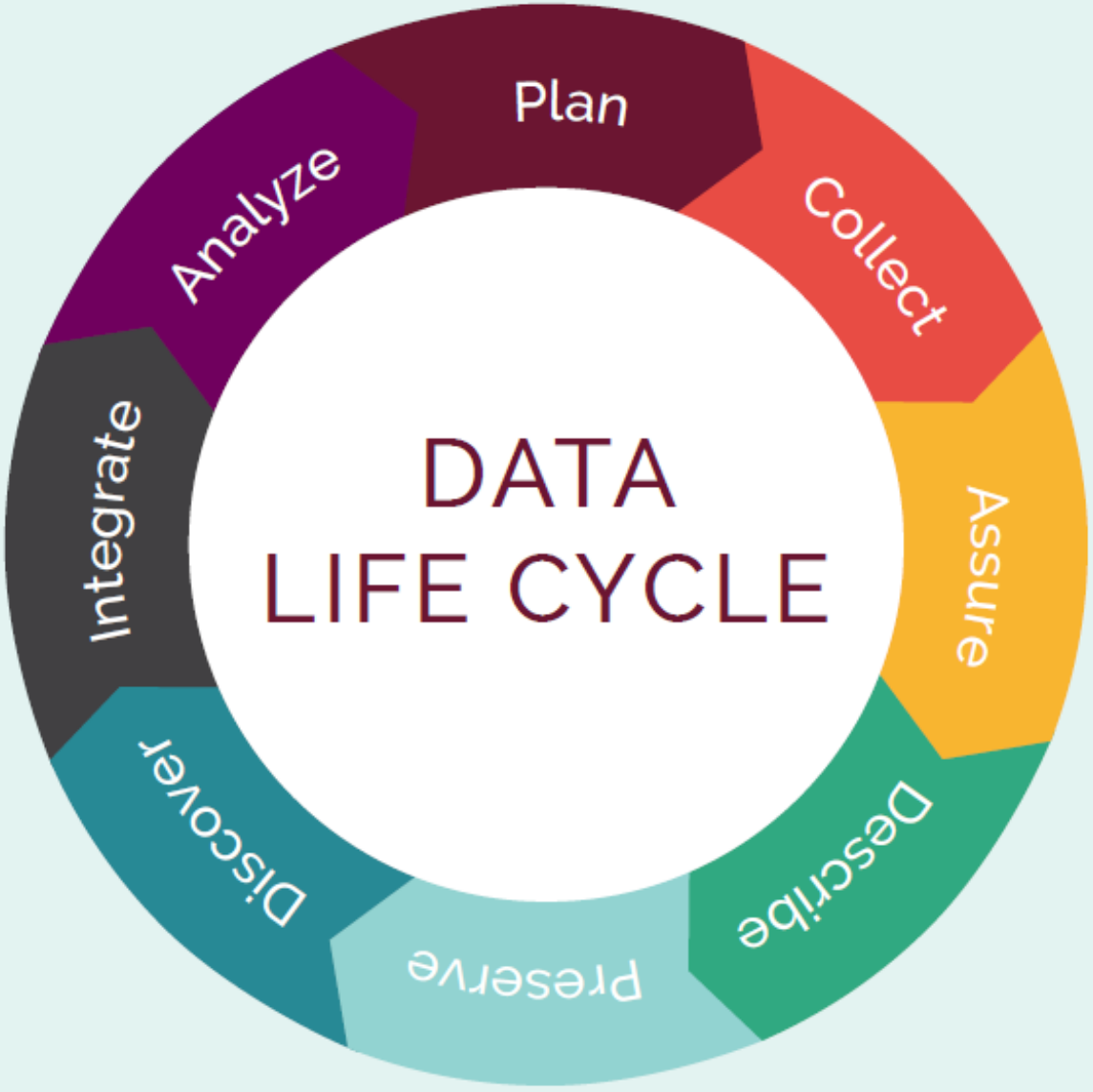
ACADEMIC LIBRARY

- Nerve centre of the institution
- Sustaining the wider scientific communities of practice
- Visibility of scholarship
- Promoting Open Science
- Independent learning
- Remote access
- Supporting research
- Digital preservation of content

Libraries and Open Science

- Building commons for long term availability of scholarship
- Fostering new forms of publishing
- Enabling new methods of knowledge discovery
- Building partnerships
- Potential for new discoveries and solutions
- Open up metadata

RESEARCH DATA CYCLE



Digital library features

- Integrated and comprehensive
- Online Catalogue
- E-resources
- Wider and broader content
- Interactive and collaborative
- Digital services linking users
- Networked e-resources
- Access and discovery tools
- Global Seamless access

WHAT GLAM CAN DO?

- Applying GLAM principles & practices
- Conducting outreach
- Consulting on data management plans& metadata
- Incorporating data into ILI
- Providing reference services for retrieval and citation
- Preparing web guides and tutorials
- Contributing towards policy

ROLE OF LIBRARY CONSORTIA

- Enhancing access to global research information
- Capacity building
- Partnerships with Government& NREN
- Integrating ICTs in resource management
- Advocating for a national site license
- Managing research data

“....Because if science is a search in the darkness, then the humanities are a candle that shows us where we have been and the danger that lies ahead.””

Tom Cook(June, 2017)

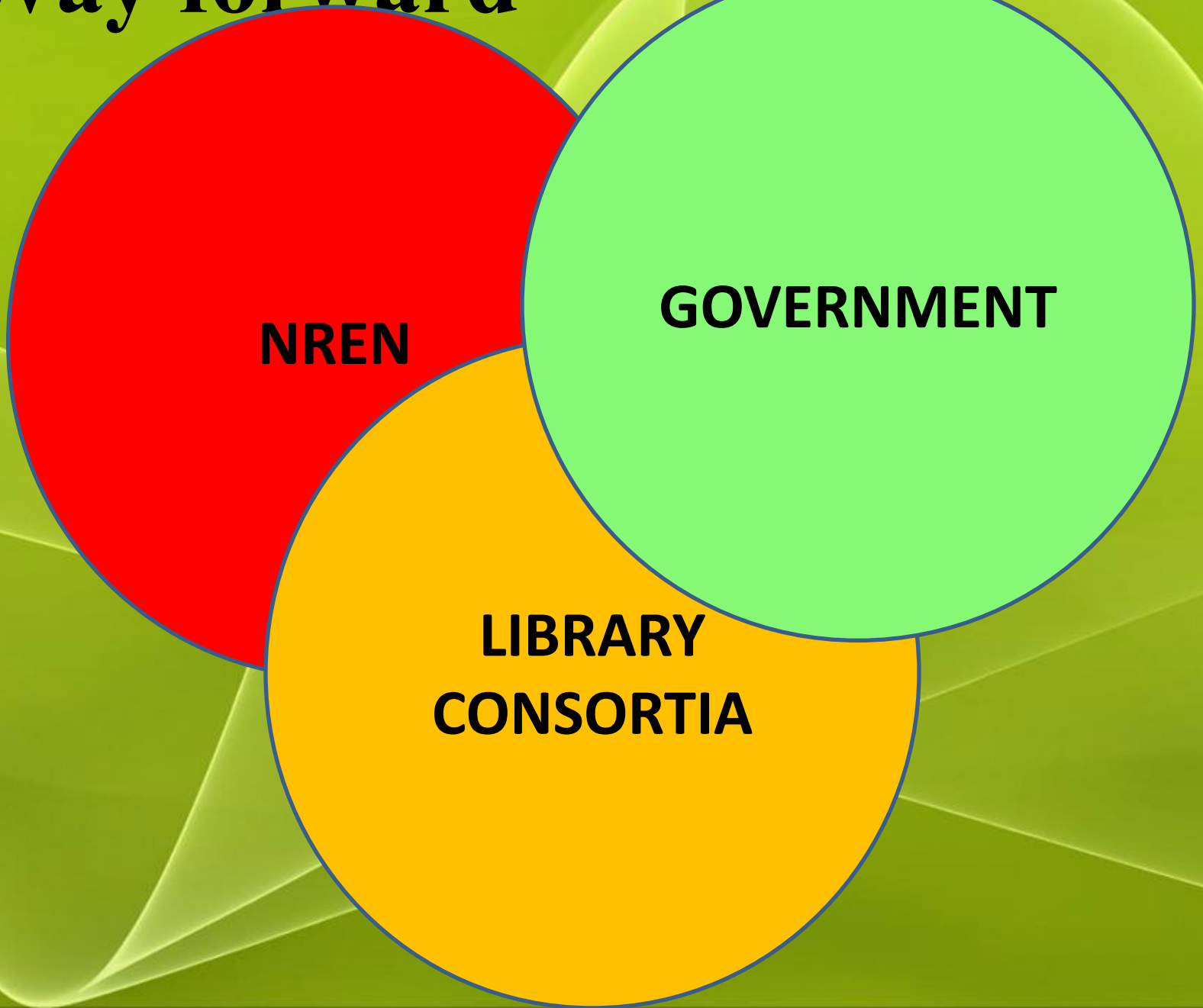
WAY FOWARD

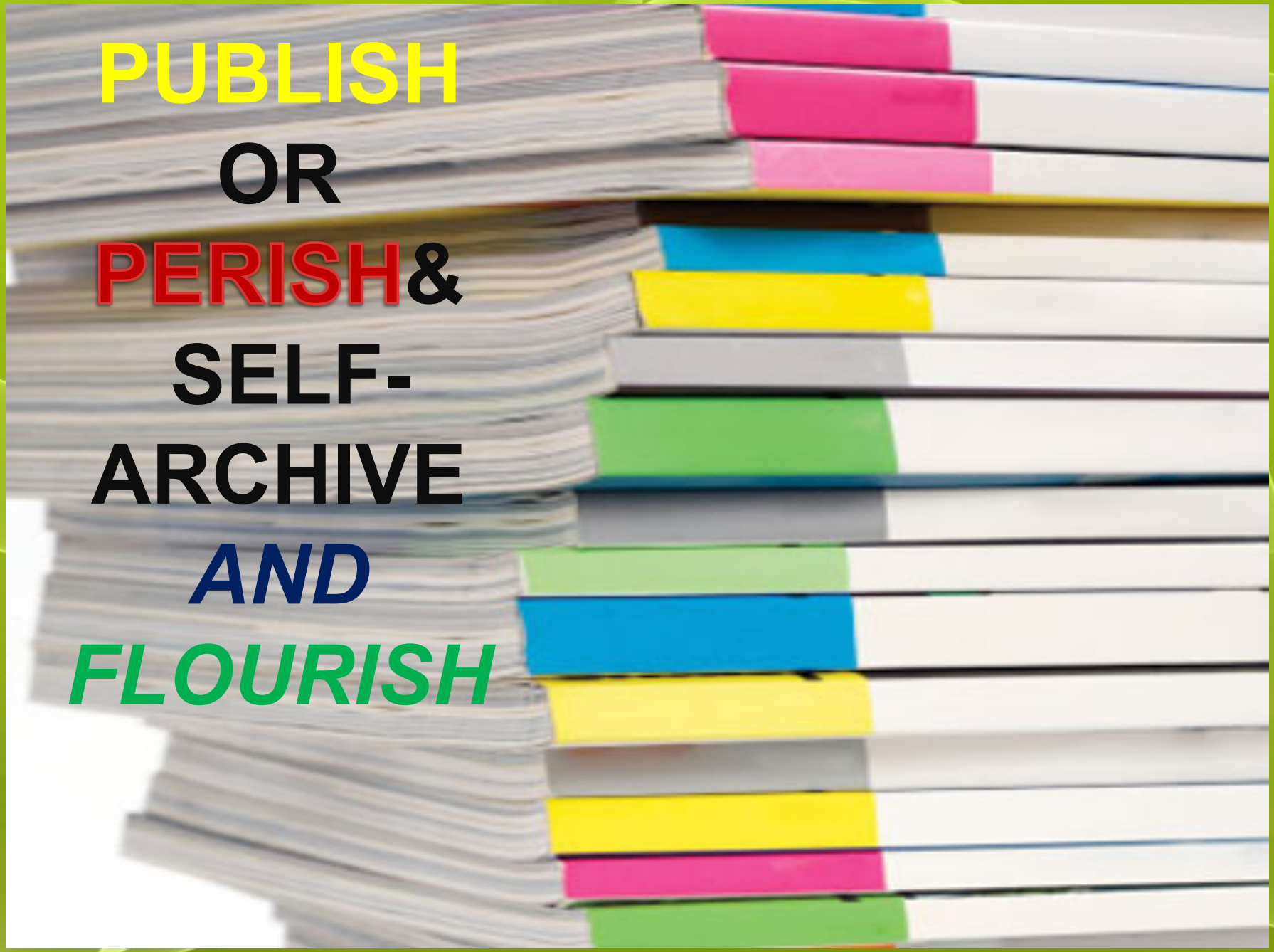
- Government -policy formulation, regulation &monitoring
- Partnerships for robust global Internet infrastructure
- Development of multi-stakeholder processes and partnerships
- Government funding
- PPPs as an alternative strategy

Conclusion

- Deeper, broader &symbiotic partnership
- Collaboration & access to information underpinning national development.
  - Human capital development
  - Social services & poverty eradication
  - Value addition &beneficiation

Way forward

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OR
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SELF-
ARCHIVE
AND
FLOURISH

SIYABONGA

THANK YOU

TATENDA

GRAZIE

MERCI BEAUCOUP

ASANTE SANA