



Making Sense of Repositories

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Why Repositories?

- Repositories provide one-stop custody and access for institutional data:
 - Research
 - Publications
 - Data
 - Memorabilia
- Ideally, repositories are an audit trail of the intellectual output of a scientific community



Repositories In Nigeria

- Twenty-one (21) institutional repositories
 - Out of the 166 in Africa

Countries by Region	3084
Africa	166
Americas	1023
Asia	722
Europe	1790
Oceania	103

http://v2.sherpa.ac.uk/view/repository_by_country/countries=5Fby=5Fregion.html
Accessed January 21, 2019

In the Registry of Open Access Repositories (ROAR)



- Only 13 Repositories registered by Nigerian institutions
 - Out of a total of 4735 repositories globally
 - <http://roar.eprints.org/>



Why Open Repository?

- Truth not shared, is dead
- The only way to provoke further research is by sharing the scientific process
 - In science, process comes before result
- Access to previous and ongoing research is the object of Open Repository
- Access to source data further helps in scrutinizing scientific results and conclusions
 - Open data is therefore a necessary part of open science
 - Cross-institutional and discipline collaborations are necessary outcomes of shared data

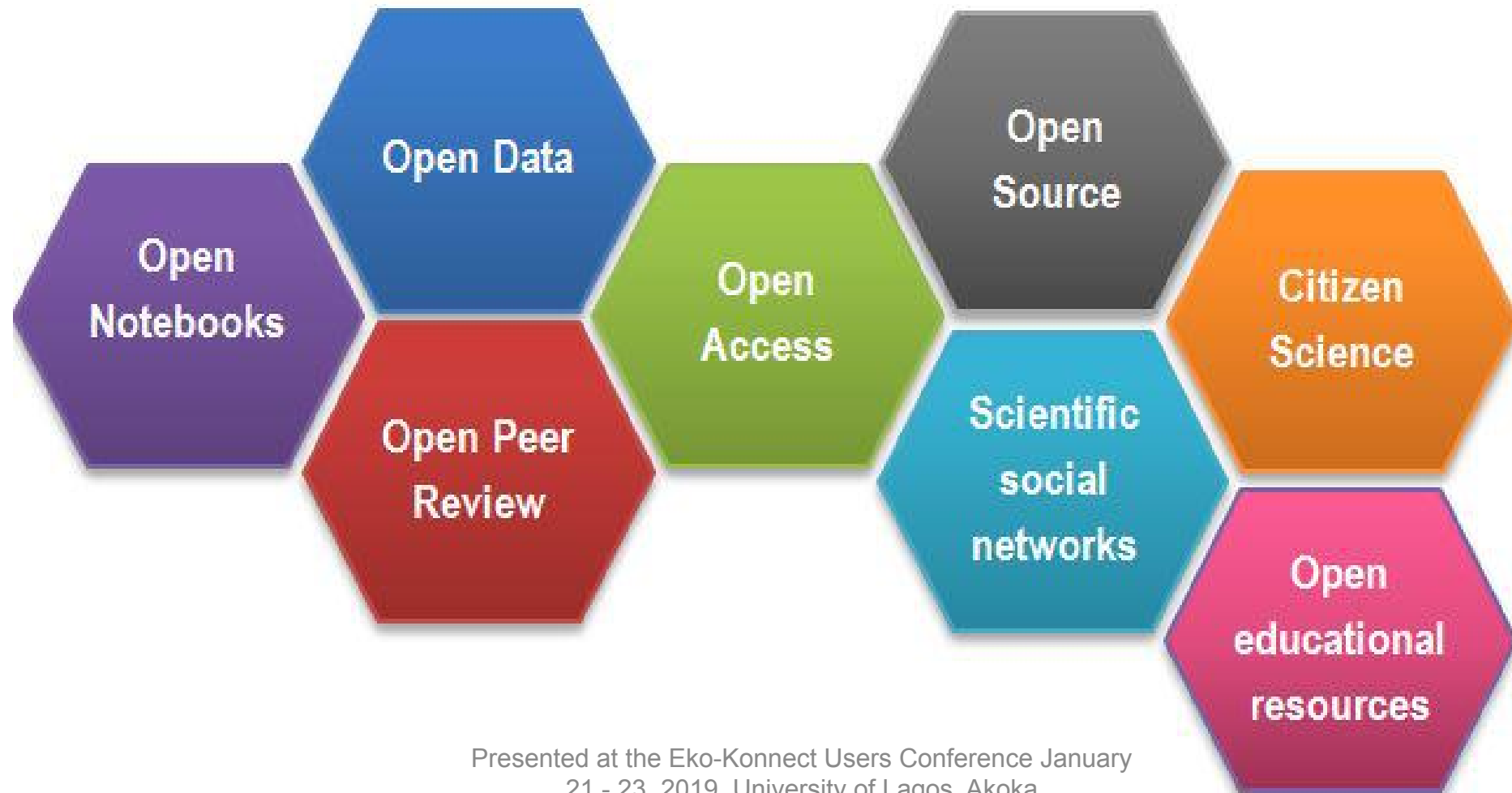


Open Science Defined

- “Open Science is the practice of science in such a way that others can collaborate and contribute, where research data, lab notes and other research processes are freely available, under terms that enable reuse, redistribution and reproduction of the research and its underlying data and methods”
 - <https://www.fosteropenscience.eu/foster-taxonomy/open-science-definition>
- Accessed January 21, 2019

Open Science:

www.forsteropenscience.eu





Matters Arising

- In the design and visibility of repositories, ensure:
 - Appropriate software
 - The right license
 - Creative Commons BY 4.0
 - Discoverability
 - Identifiers - ORCID Id (Open Researcher and Contributor ID)
 - Interoperability
 - Good metadata standard
 - Register with Open Archive Initiatives such as DOAR, ROAR, or Open Archives
 - Develop Policies



