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# National Open Science Roadmap for Nigeria

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## Why a national road map?

- Over 550 Higher Education Institutions including 192 Universities
- Only 14 out of 5317 registered open access repositories in ROAR
- Only 9 journals out of 16,050 in Directory of Open Access Journals
- A ***national*** open science plan needed to increase scholarly and research output to have more impact on societal challenges

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## Areas to Address

Identify and bring stakeholders together to engage in a series of activities on:

1. **Policy:**

Consultation meetings and a workshop to create working groups and document a national Open Science policy

2. **Capacity Building:**

Run a series of workshops to improve the digital literacy and skills of research and education practitioners

3. **Infrastructure:**

Identify infrastructure gaps, tools and platforms that can increase adoption

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# Policy

## ACTIVITIES

- Adopt LIBSENSE Policy template as starting point - Q1
- Consultation Meetings with champions and national-stakeholders - Q2
- Meetings with Chief Executives/Principal Officers/Librarians of Institutions - Q2
- Workshop to consolidate on a national policy document (Abuja) - Q3

## OUTCOMES

- National policy document to promote Open Science published Q4
- Open Science Day Planned for Eko-Konnect 2022 Users Conference Q4

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# Capacity Building

- **ACTIVITIES**

- Digital literacy workshops for Librarians and Researchers Q2 - Q3
- Participation in LIBSENSE capacity building activities Q2 - Q4
- Engage students in Open Access, Open Education, Citizen Science - Q3 - Q4

- **OUTCOMES**

- Open Science principles and practice reinforced within the R&E community
- Tools and infrastructure available to drive Open Science practice introduced
- Open Science Day at Eko-Konnect User Conference 2022

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# Infrastructure

- Identify infrastructure gaps and form collaborations with technology providers to deploy infrastructure in areas including:
  - Federated Identity & Access Management
  - Journal Publishing:
  - Repositories
  - Learning & Collaboration
  - Security
- Community driven open science cloud will be available by end of Q2 of 2021

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# ren.ng - Open Science Community Cloud



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