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
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
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
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
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
ren.ng - Open Science Community Cloud

INVENIO RDM

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Kotahi

moodle

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