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LODES18 - A 1-day Workshop
on
“A Study to Define a Linked Open Data Platform of
Interoperable Repositories to Enable OpenScience”

Report from Ethiopia

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Ethiopia



Capital: Addis Ababa
Population: 100 Mio +
Area: 1,127 Mio km²
(almost 4 times of Italy)
Ethnic groups: 80
Languages: 90, Amharic is the official working language in most regions of the country

Higher Education Sector

2004: 4 public universities

2018: 47 public universities

Student numbers 2016/17:

Undergraduate programmes: 679,300

Postgraduate programmes: 68,250

Teaching staff: 30,631 (37% with a lower degree than a Master's Degree)

Students/Teacher Ratio: 12.8

Knowledge about Your Data

Universities:

- Institutional Repositories for Master Thesis, dissertations and presentations

EthERNet:

- Institutional Repositories for Master Thesis, dissertations and presentations (for 44 universities)
- National Research data management system
- Central hosting service for Ethiopian Journals
- Develop and Provide Digital library service

Knowledge about Your Data

NADRE: <https://nadreweb.ethernet.edu.et/>

Enabling Open Science

- Research Data Stewardship Seminar and Training for Librarians
- Building Trust - Legal issues arising with repositories
- Service Provision for the Implementation of NADRE (technical workshop)
- Institutional Repositories for each public university
- Digital Literacy Training Courses for researchers and librarians

Enabling Open Science

What is really needed?

Access to reliable stable Internet with a sufficient bandwidth

Ethiopian Approach

- **Bottom-up:** to equip researchers and librarians with coding skills for digital literacy
- **Top-down:** Ethiopian Academy of Sciences (EAS) is working on the policy and strategy for Open Access (Open Data and Open Science EAS excludes)
- **Librarians:**
 - Demand for intensive training on legal issues, data management plans, data life cycle management
 - Request for policy and strategy how to work with repositories

Overall Objective

African Open Science Cloud

Key actors for deployment

- Librarians, researchers, EthERNet, ESC, Ministry of Science and Technology

Categories of type of information in the repository

- Research data from universities and research centers

Diversity

Role of private companies and societal organizations

- Not set yet

Common infrastructure

- Infrastructure is provided by EthERNet



THANK YOU
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