

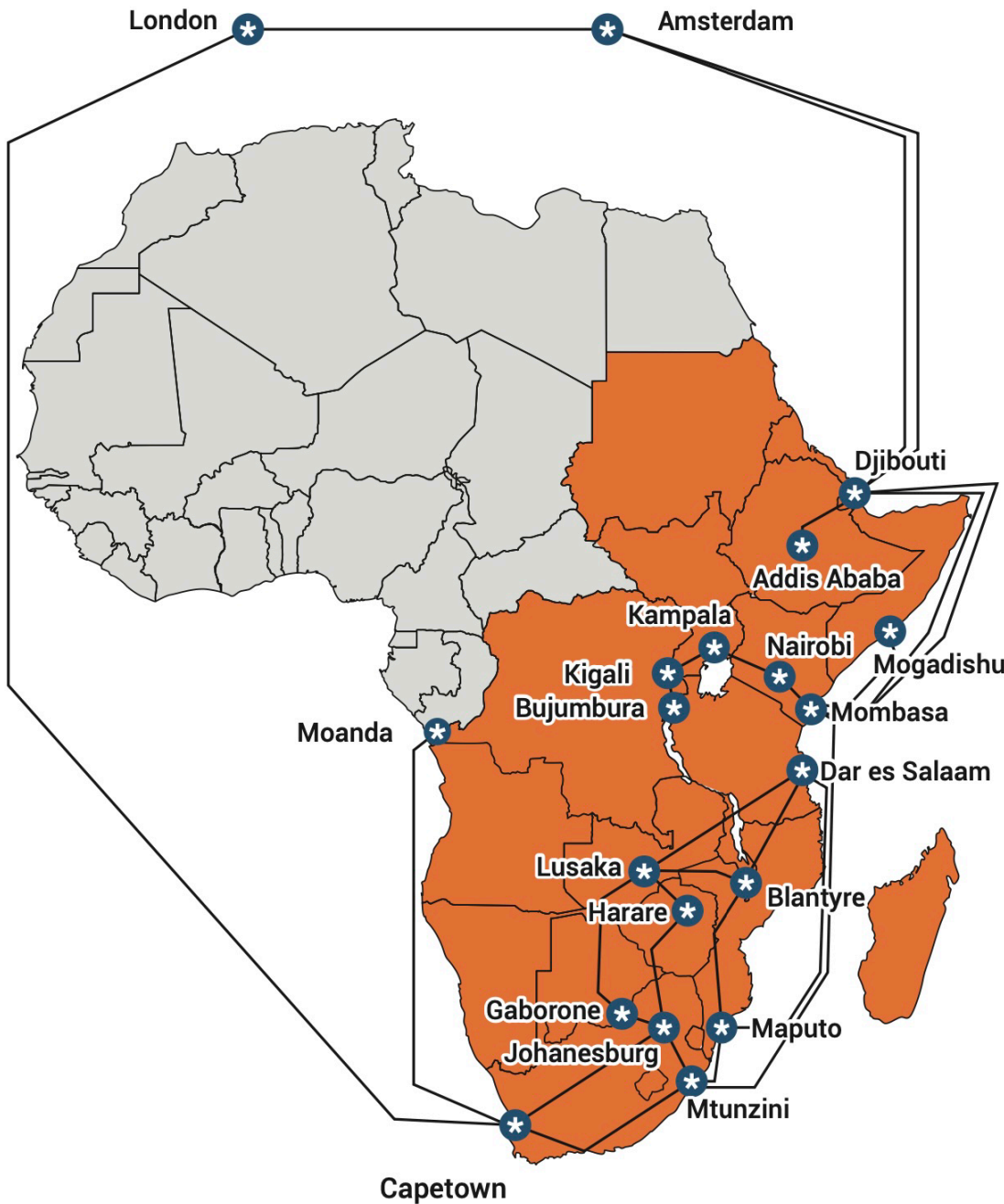
# Sustainable DOA Infrastructure: UbuntuNet Alliance Initiatives

2<sup>nd</sup> Conference on Diamond Open Access  
December 11-13, 2024  
Cape Town, South Africa

Prof. Madara Ogot, CEO



**UbuntuNet  
Alliance**  
For Research and Education Networking



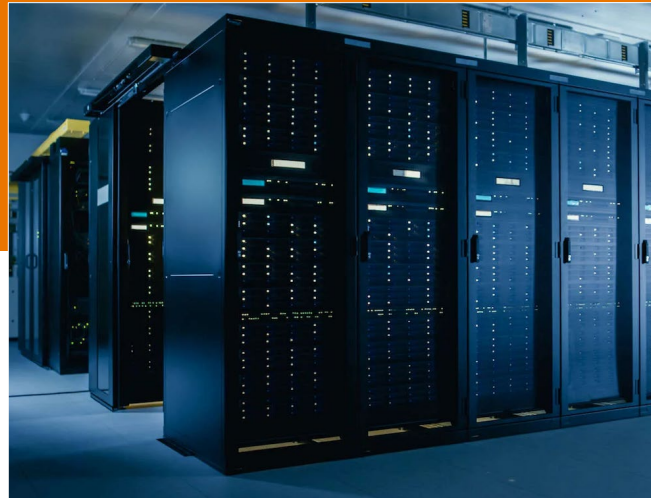
Co-funded by



and member NRENs

# UbuntuNet Network 3

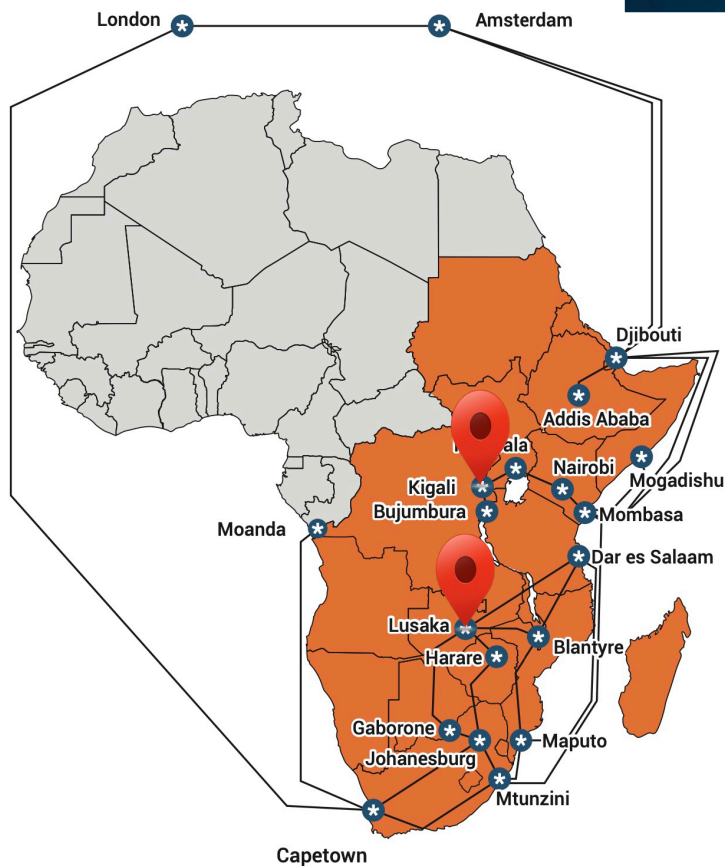




**Servers:** Infrastructure in Lusaka (Zambia) and Kigali (Rwanda)

Infrastructure support from European Union under AfricaConnect Programme and from member NRENs from 16 countries

Provides near-term sustainability of UOSC



## *AfricArXiv*

Research output  
repository  
(documents, data,  
multimedia)

2024

## *Tome*

Diamond Open  
Access Books (with a  
twist)

## *AfricArXiv*

Open Access Journal  
Platform

2025





<https://africarxiv.ubuntunet.net>

Welcome to AfricArXiv

This initiative showcases UbuntuNet's commitment to fostering knowledge sharing, collaboration, and accessibility within the African research community. With AfricArXiv, researchers across the continent have a dedicated platform to disseminate their findings, making them accessible to a global audience. By facilitating open access to scholarly work, UbuntuNet Alliance plays a pivotal role in advancing the principles of open science, enhancing research visibility, and driving innovation across Africa.

Search the repository ...

Communities in AfricArXiv

Select a community to browse its collections.

Now showing 1 - 5 of 5

- \* General Repository  
The general repository is open for individual submissions by researchers, librarians and research administrators.
- AfricArXiv Projects  
Showcase of project activities, presentations, and scholarly contributions curated by the AfricArXiv initiative.
- COVID-19 Africa Rapid-Grant Fund  
A Rapid Grant Fund to address research questions and implement science engagement activities associated with COVID-19
- Harmonisation, Quality Assurance and Accreditation in Africa  
An initiative to support the development of a harmonised quality assurance and accreditation system at institutional, national, regional and Pan-African continental level.
- UbuntuNet Alliance  
Facilitating knowledge sharing and collaboration among institutions, researchers, and educators within the UbuntuNet Alliance network.

Recent Submissions

Teaching language and literacy in Grade R: The value of oral storytelling.  
(Wordworks, 2024) O'Carroll, Shelley  
The low early grade reading levels of South African children have been well documented (Van Staden & Gustafsson, 2022), and recent PIRLS results highlight challenges with reading comprehension at Grade 4 level.  
Recent research indicates that these reading challenges begin long before Grade 4. Many children are not ...  
Show more

Save the address  
NOW! Explore

African catch-all open-access repository for all data and documents of **academic value**

**Specialised collections and individual archiving**

**Institutional repositories:** For small institutions whose research output cannot justify the required staff complement and where NRENs do not exist or support hosting of institutional repositories





Dar es Salaam,  
2024

The logo for the 'Open Science Webinar Series' features the text 'Open Science' in a large, blue, sans-serif font, with 'Webinar Series' in a smaller font below it. To the left of the text is a stylized graphic of the African continent composed of horizontal bars in various colors. Below the logo, the text 'Presented by' is followed by the logos for 'UbuntuNet Alliance' and 'Access 2 Perspectives'. To the right, it says 'Supported by ORCID'. The background is white with blue abstract shapes and a pattern of small blue dots in the top right corner.

Zoom, 2-3x per month



Kampala,



Livingston Zambia,  
2024

**Training librarians on Repository establishment and OS**



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[Show more](#)

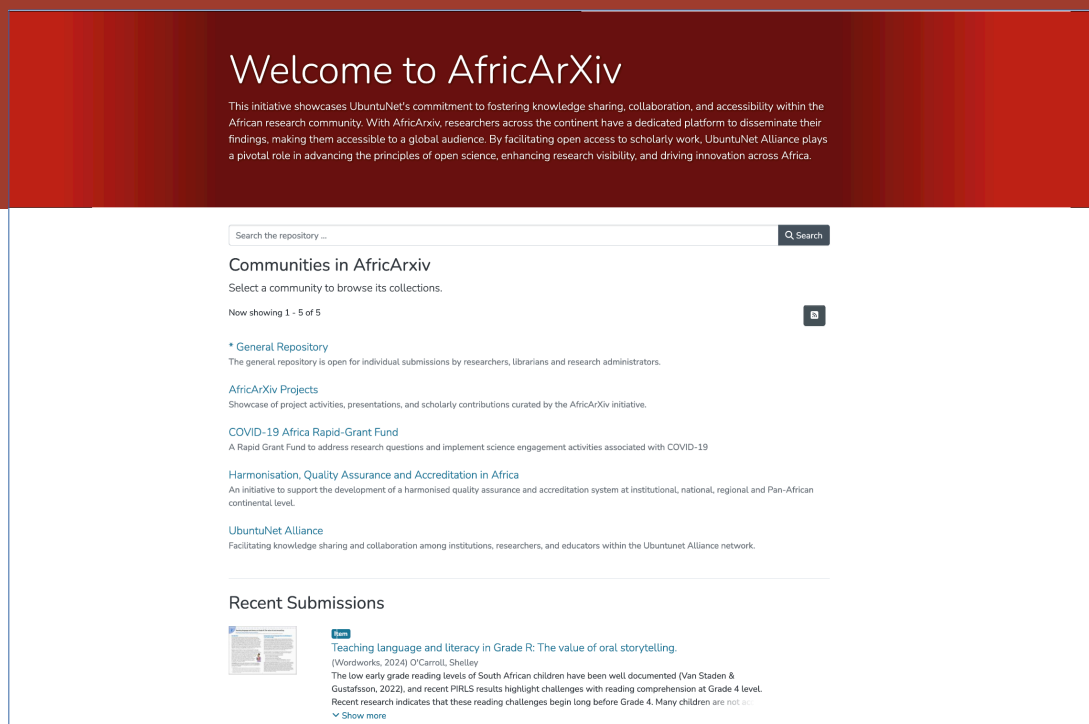
Don't forget, Save  
the address NOW!  
Explore

Free provision of DOIs and  
encouragement of use of OrCID  
for easy discoverability

**In 2025:** Add journal publishing  
platform to provide infrastructure  
for Africa-focused Open Access  
Journals



# Near-term growth and sustainability



Funds available (EC and Member NRENs) through 2028 to support continued **infrastructure development and maintenance** and **capacity building of librarians**

Additional support from **Africa Open Science Platform** – The Alliance is Southern Node of the AOSP



# Enhanced Teaching and Learning

TOME



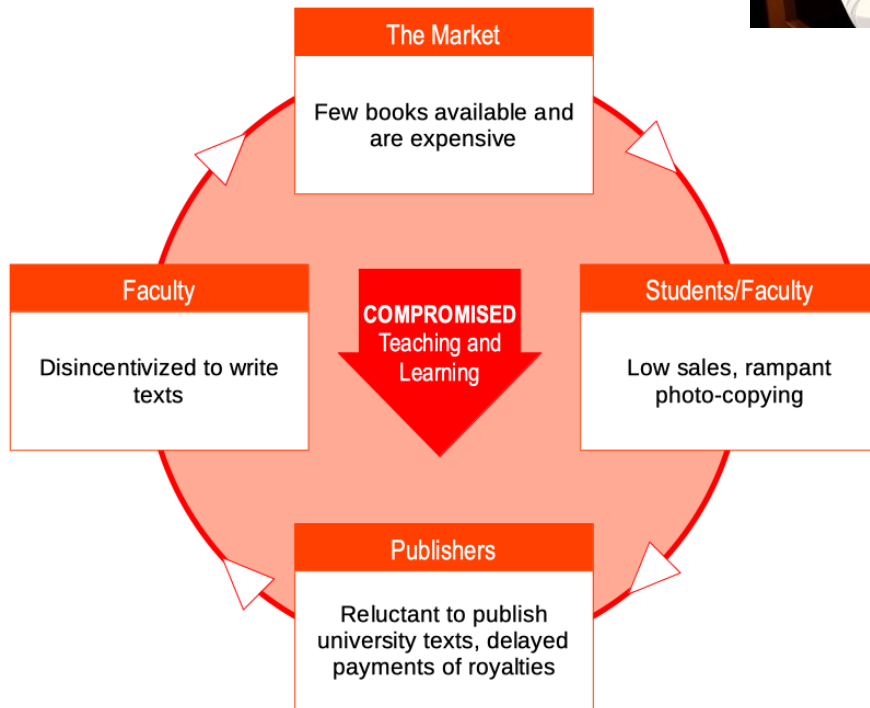
# Challenge

The few textbooks available are often unaffordable for the vast majority of students, further exacerbating social exclusion of those economically disadvantaged

Required textbooks on course syllabi are often unavailable in the universities' libraries, with those that are available, frequently out of date or not directly relevant to the courses on offer

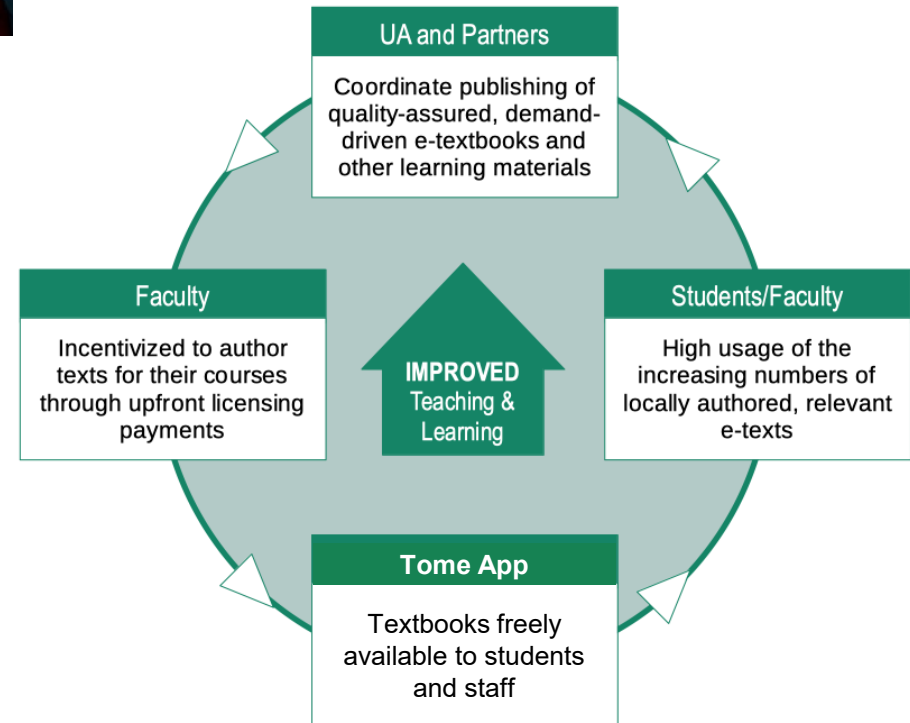
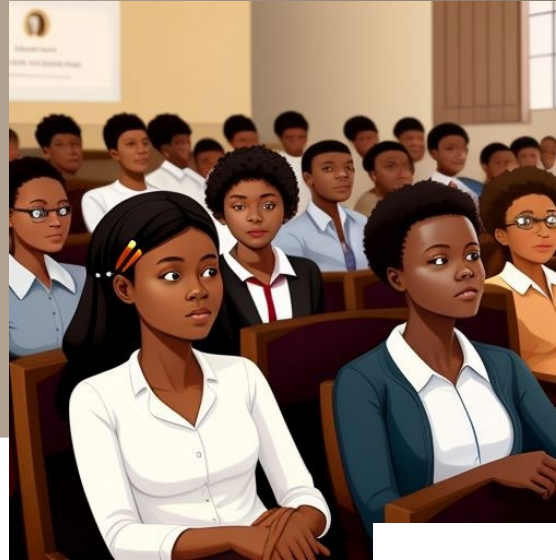
# Enhanced Teaching and Learning

# Challenge



# Enhanced Teaching and Learning

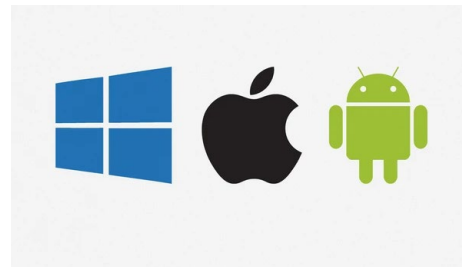
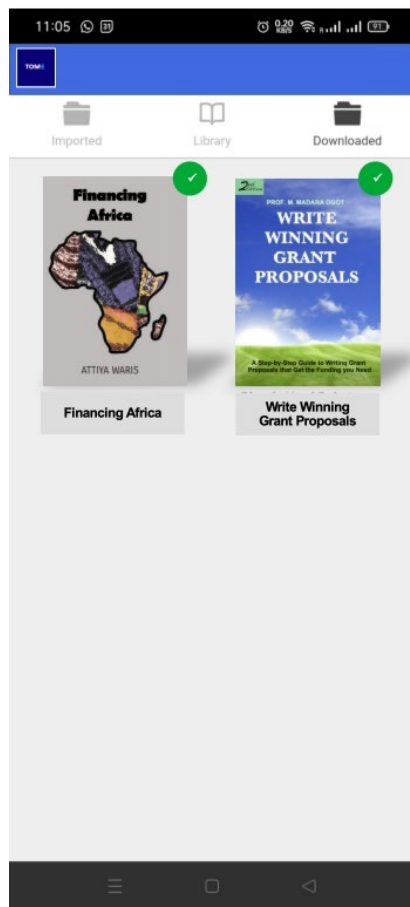
# DOA Textbooks



# DOA Textbooks



# Near-Term Growth and Sustainability



Books can be downloaded into the app from the Tome Library

Available locally, on devices “for life” and can sync between multiple platforms

Digital rights management of content, still owned by authors



# DOA Textbooks



# Near-Term Growth and Sustainability

Platform under testing and shall go live in January 2025

App navigation and books are available in English, French and Portuguese

Currently two books published for testing

**Funds available (EC and Member NRENs) through 2028 to support:** Continued infrastructure development and maintenance

Funds to publish at least **50 textbooks** (payments to authors licensing fees, costs of professional publishing) through 2028

# Thank-You



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<https://ubuntunet.net>