

**Developing an Equitable Ecosystem: Hubs  
of Innovative Solutions.**

**View from Angola and the Global South**

**Desenvolvendo um Ecossistema Equitativo:  
Centros de Soluções Inovadoras**

**Perspectivas de Angola e do Sul Global**



**UNIVERSITY OF CAPE TOWN**  
IYUNIVESITHI YASEKAPA • UNIVERSITEIT VAN KAAPSTAD

**2nd Global Summit on  
Diamond Open Access**

**December 13, 2024**

# Introduction

Hubs of innovative solutions are a network of local communities for learning about and doing system innovation. This aspects for bringing people and organizations together for shared learning about system thinking and innovation, to for events, activities, and diferente services.

## Learning + Doing

Hubs of innovative solutions are not just for learning and networking, but also for collaboration and doing. It is about aligning and empowering individuals and organizations towards creating meaningful impact on a systemic level by building their capacities around system thinking and system innovation.

# Introduction

Innovative hubs for Open Science are emerging globally within universities, research centers, and funding organizations. It refers to centers, platforms, or networks designed to tackle challenges and advance progress in specific fields, such as Open Access publishing, sustainable development, or technological innovation.

They face challenges such as **funding, sustainability, and regional awareness.**

## Hubs of innovative solutions

Although hubs of innovative solutions are well structured in several regions of the world, by communities of learners and Lab for experimenting....

# Hub Activities



## Connecting

Connecting people and building a community through regular events.



## Learning

Teaching about Systems Thinking and systems change



## Creating

Working on real world projects; design, innovation or consulting



## Changing

Creating collaborations for systems-level change





Society



Healthcare



Governance



Education



Media



Economy



Security



Finance



Commerce



Logistics



Industry



Cities



Transport



Manufacturing



Infrastructure



Environment



Energy



Food



Water



Materials



Innovation



Thinking



Organizations



Design



Technology

## Hubs of innovative solutions

**African Journals Online (AJOL)** - Hosts journals in multiple languages, including indigenous African languages, to represent regional research authentically.

**Directory of Open Access Journals (DOAJ)** - A global directory showcasing high-quality, peer-reviewed OA journals.

**Scientific Electronic Library Online (SciELO)** - Publishes articles in Portuguese, Spanish, and English, making research accessible to diverse linguistic audiences in Latin America and beyond.

**European Diamond Capacity Hub (EDCH)** aims to strengthen the Diamond OA community in Europe by supporting European institutional, national and disciplinary capacity centres and Diamond publishers and service providers in their mission of Diamond OA scholarly publishing.

## Hubs of innovative solutions

**Redalyc - AmeliCA:** A community-driven platform advocating for sustainable Diamond OA in the Global South, provides tools and infrastructure to publish research without fees for authors or readers.

**La Referencia:** is a regional network in Latin America that complements platforms like **Redalyc** and **AmeliCA** in advancing Open Access. Its primary focus is on promoting visibility and accessibility of scientific research through the integration of national repositories across the region.

All three initiatives focus on building a sustainable Open Access model tailored to the needs of the Global South. While **Redalyc** and **AmeliCA** focus on the publication and dissemination of journal articles, **La Referencia** strengthens the repository ecosystem, ensuring long-term preservation and accessibility.

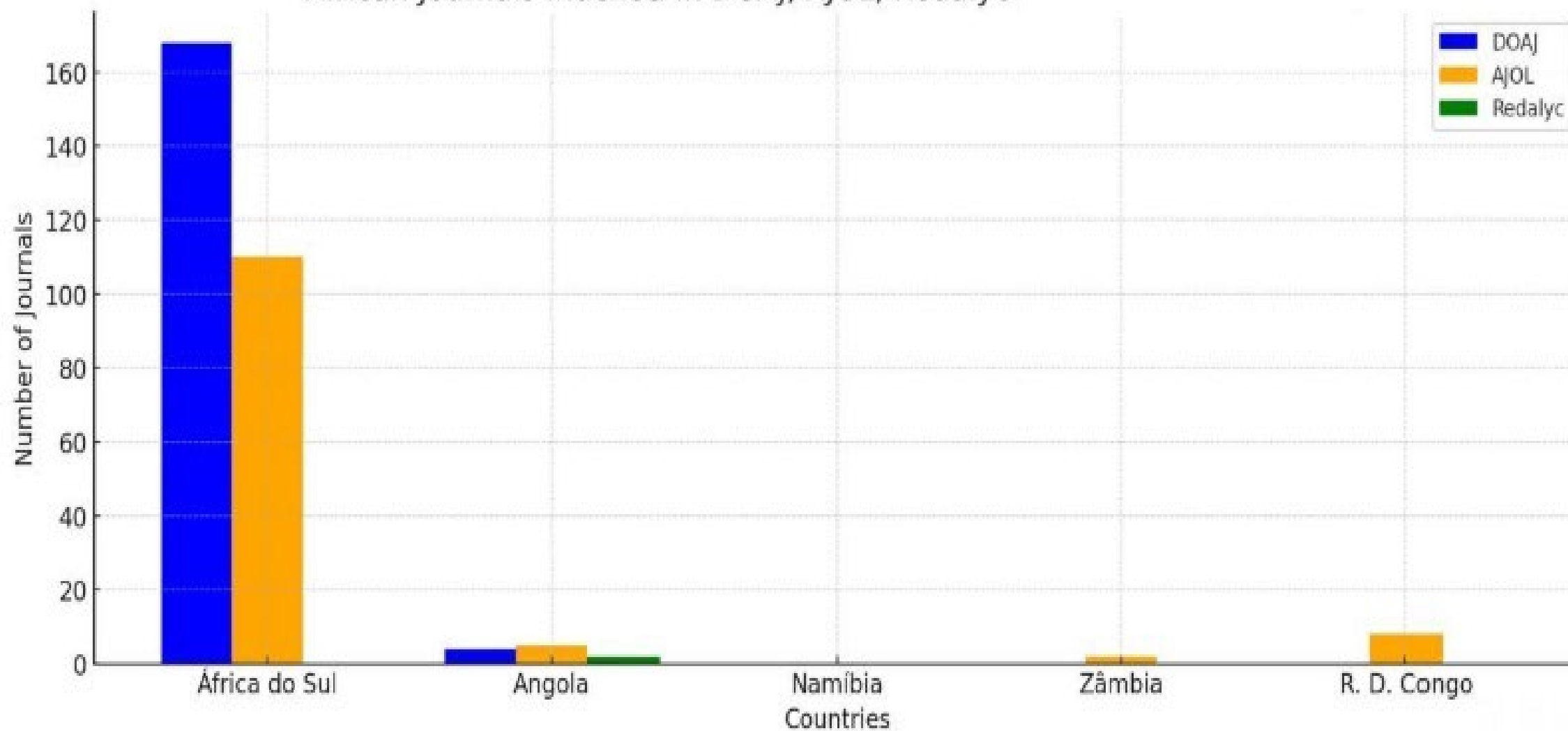


At international level, hubs of innovative solutions are, becoming more sustained, with support from the research communities and policy makers, moving from time-limited projects to permanent initiatives, and are starting to connect to each other as part of a permanent dialogue, across regional and international boundaries.

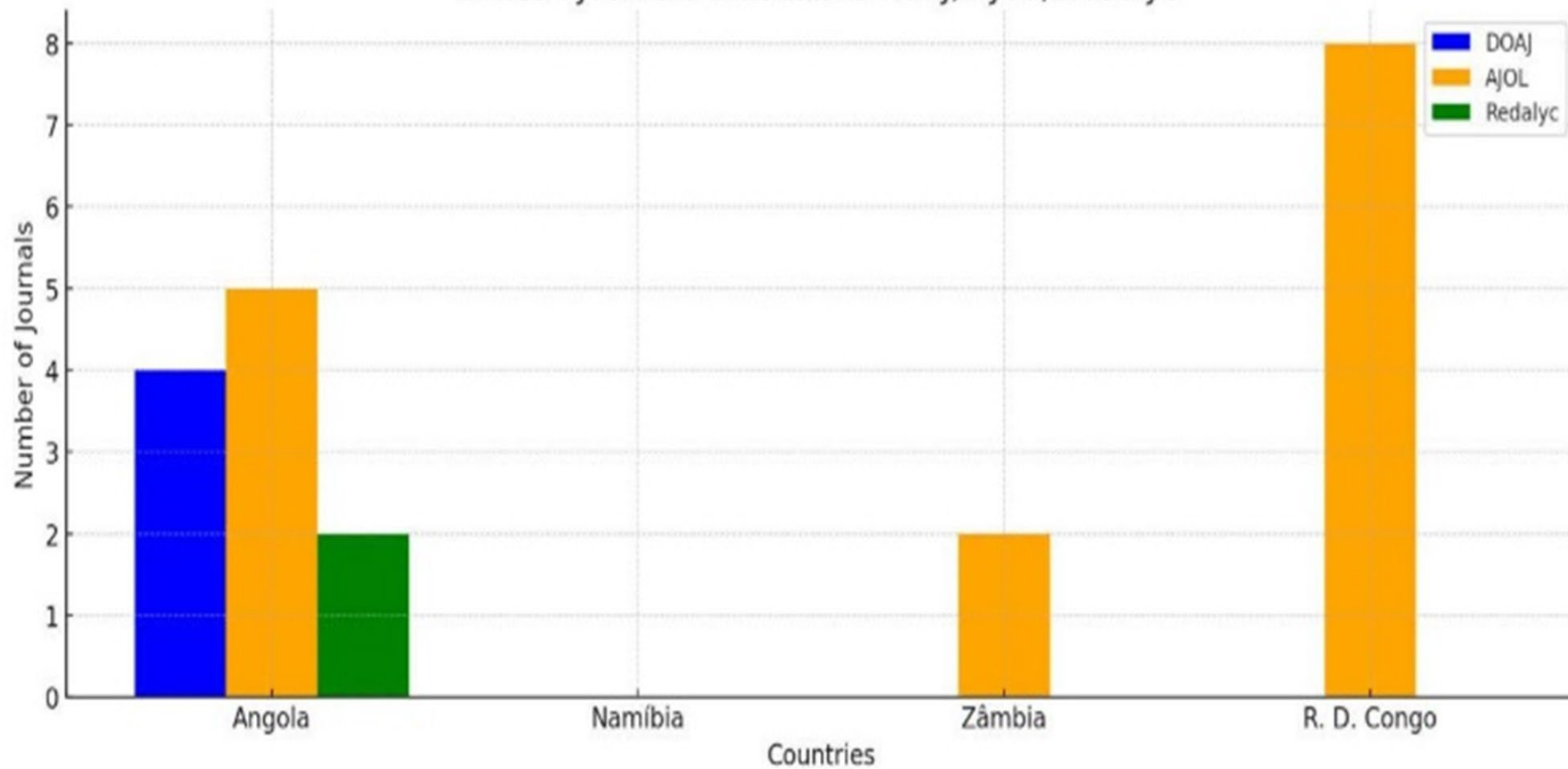
## Hubs of innovative solutions

- **Action Plan for Diamond OA.** Global endorsements welcome here: <https://www.scienceeurope.org/our-resources/action-plan-for-diamond-open-access/>
- UNESCO's consultation on a **Global Diamond Open Access Framework.** Share your input here: <https://surveys.unesco.org/696125?lang=en>
- **ALMASI Project** seeks to develop a non-profit, high-quality, and sustainable scholarly communication ecosystem spanning three regions: **Africa, Europe, and Latin America.**
- Others in preparation...

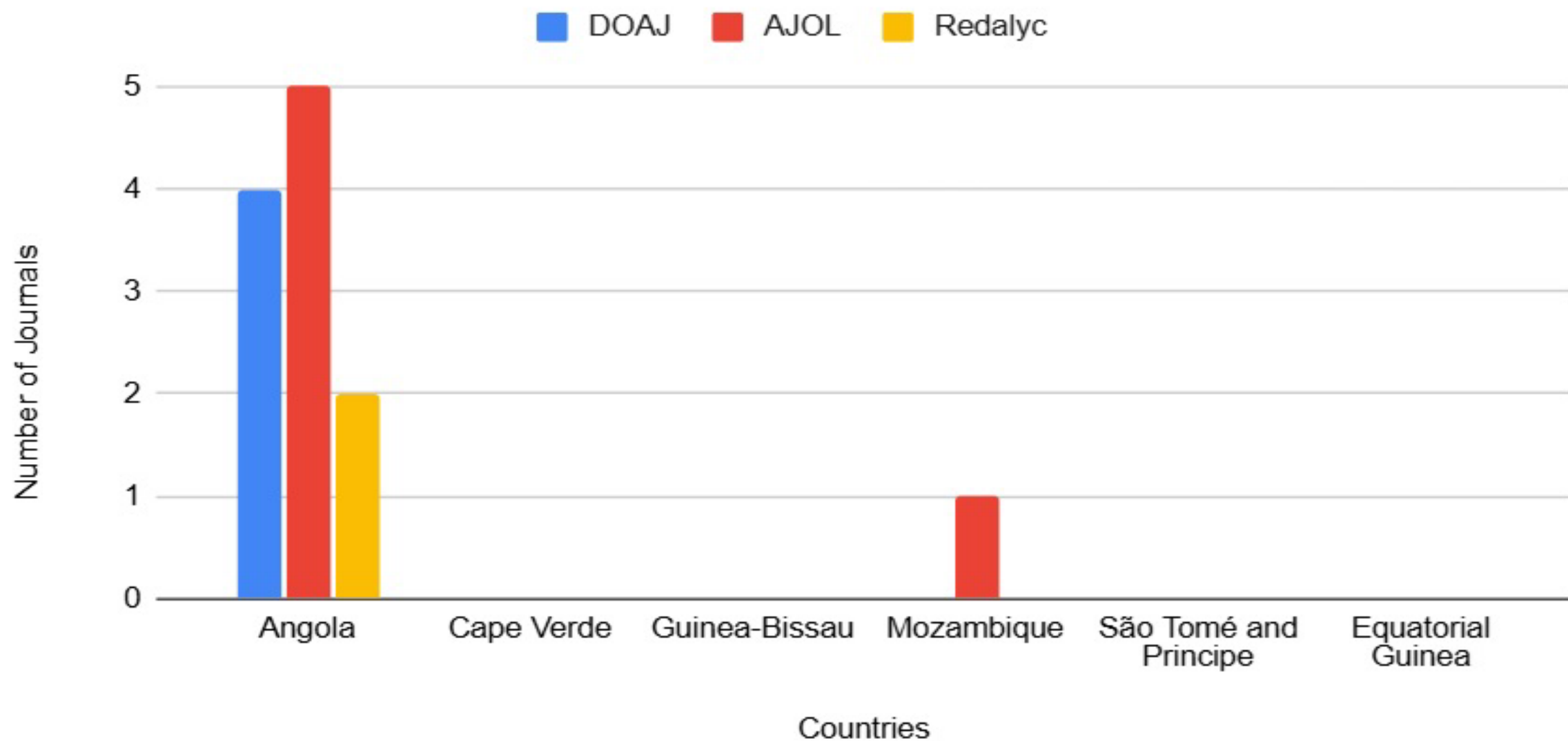
African Journals Indexed in DOAJ, AJOL, Redalyc



African Journals Indexed in DOAJ, AJOL, Redalyc



## African Lusophone Journals Indexed in DOAJ, AJOL and Redalyc



## Hubs of innovative solutions in Angola

In Angola in particular, we continue to struggle with issues related to clarifying its importance and meaning, through the consolidation of initiatives to create the National Open Access Repository (RAnAA - <http://ranaa.ao>), and Fabrication Laboratories (Fab-Lab) in Higher Education Institutions...



## Why Diamond OA Matters for Angola?

1. In Angola, where many institutions and researchers face **financial constraints**, Diamond OA ensures equitable access to global research and enhances opportunities for local researchers **to publish their work without financial barriers.**

2. Angolan universities and research institutions often have **constrained budgets**, making it difficult to sustain Diamond OA initiatives without external funding.

## Why Diamond OA Matters for Angola?

3. There is limited governmental or organizational support specifically earmarked for Diamond OA platforms or journals.
4. Many researchers and academic leaders in Angola are **unaware of Diamond OA** or its potential benefits, leading to a reliance on traditional or predatory journals.
5. The prestige associated with traditional, fee-based journals creates reluctance to embrace Diamond AO alternatives.

## Global Challenges Reflecting Locally

- Much of the global OA content is in English, limiting its immediate usefulness to Angolan researchers.
- Angola, like many Global South countries, is underrepresented in global OA governance, making it harder to shape policies that reflect local realities.

## Global Challenges Reflecting Locally

- Limited internet connectivity and technological resources in some areas hinder the establishment and accessibility of OA platforms.
- The country **lacks well-established local OA journals and repositories** to host and disseminate research outputs.

## Technological Solutions

Technological innovations can make Diamond OA more accessible and efficient for authors, publishers, and readers.

**Open-Source Publishing Software - (OJS):**

Widely used software that allows institutions to manage and publish journals online...



# Roadmap for Angola

## 1. Build Awareness and Advocacy

- Government Campaigns
- Workshops and Seminars
- Community Engagement

## 2. Develop and Strengthen Infrastructure

- Establish Digital Repositories
- Adopt Open-Source Technology
- Address the Digital Divide

## Roadmap for Angola

### 3. Facilitate Capacity Building

- Train Editors and Reviewers
- Mentorship Programs
- Skill Development for Librarians

### 4. Secure Funding and Policy Support

- Government Funding
- Public-Private Partnerships
- Regional Partnerships

## Roadmap for Angola

### 5. Promote Multilingual and Local Content

- Support for Natives Research
- Collaborate with Translation Services

## Create New Hubs in Local Contexts

- **University-Led Platforms:** Universities can spearhead Diamond OA initiatives by hosting journals, building repositories, or starting community-led research platforms.
- **Community Partnerships:** Collaborate with libraries, NGOs, and governments to ensure resources and knowledge-sharing in underserved regions.
- **Support Grassroots Efforts:** Encourage the formation of local editorial boards that reflect the region's academic and cultural diversity.

# Conclusion...

- Actually, hubs of innovative solutions are required for the sustainable development of our countries, universities, research centers etc. Thusly, we still need investing in open science infrastructures and services, promoting international and multi-stakeholder cooperation with view to reducing digital, technological and knowledge gaps.



# Conclusion...

- Putting the mentioned aspects into practice, and promoting **Diamond OA**, we can create a more equitable and research ecosystem that fosters local innovation and global collaboration.

# Thank you Muito Obrigado

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**ANGOLA ACESSO ABERTO**

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Systems Innovation Hubs Introduction - **The what, why and how.**  
<https://www.youtube.com/watch?v=cCsGGdSZ13w>.