



LIBSENSE
STRENGTHENING OPEN SCIENCE IN AFRICA

The Role of ORCID in Connection & Collaboration

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WACREN

eifl
KNOWLEDGE WITHOUT BOUNDARIES

COAR
Confederation of Open Access Repositories

OpenAIRE

**Africa
Connect**



What is LIBSENSE?

(Library Support for Embedded NREN Services and E-infrastructure)

Building a community for open science in the African region(s) through library-NREN collaboration in order to:

- Support cultural change
- Provide technical support
- Build capacity
- Develop value-added services



LIBSENSE Working Groups

- Open science policies, governance and leadership
- Infrastructure - open access journals, repositories for publications and data and open discovery services
- Capacity building - communities of practice and training
- 3 Working languages - Arabic, English and French

Who is LIBSENSE?

+ our NRENs and universities; and open to the entire open science community in Africa...

National Research and Education Networks in Africa



AfricaConnect (2011-2015) – E&S Africa



AfricaConnect2 (2015-2021) – pan-African



AfricaConnect3 (2019-2023) – pan-African



ASREN

Algeria, ARN
Egypt, EUN
Marocco, MARWAN
Tunisia, CCK



WACREN

Burkina Faso, FasoREN
Cameroon, RIC
Chad, TchadREN
Côte d'Ivoire, RITER
Ghana, GARNET
Ghana, GhREN
Guinea, Gn-REN
Mali, MaliREN
Niger, NigerREN
Nigeria, NgREN
Sierra Leone, SLREN
Togo, TogoRER
Liberia, LRREN



UbuntuNet Alliance

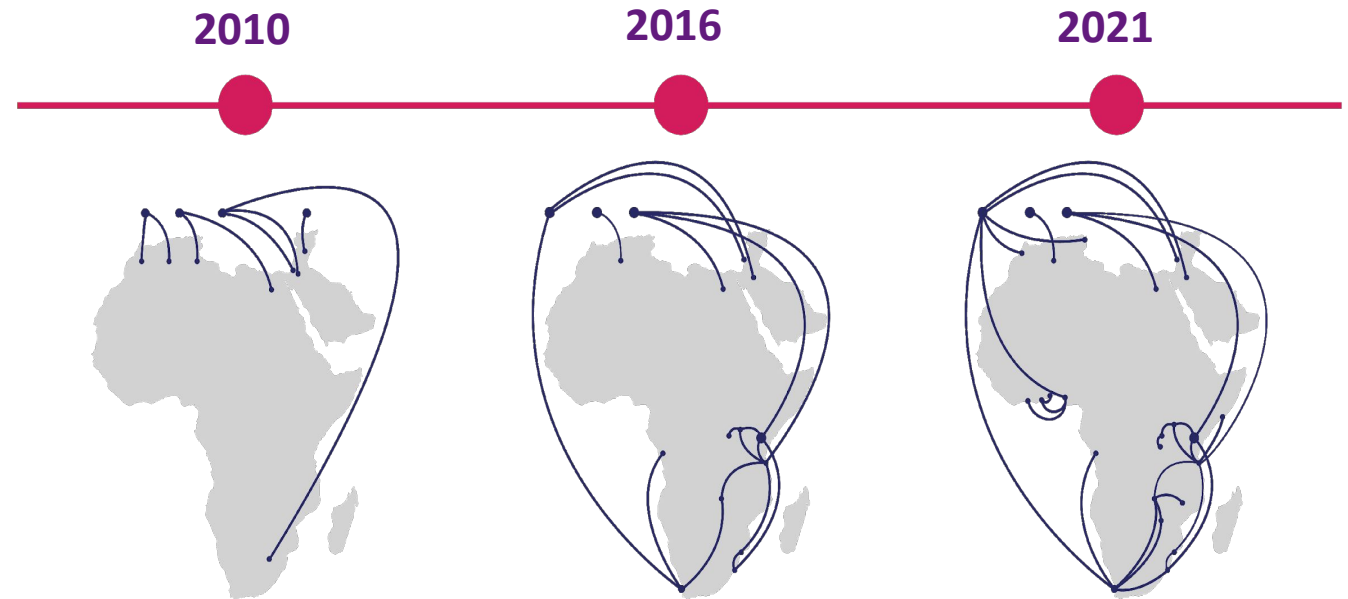
Botswana, BotsREN
Burundi, BERNET
D. R. Congo, Eb@le
Ethiopia, EthERNET
Kenya, KENET
Madagascar, iRENALA
Malawi, MAREN
Mozambique, MoREnet
Namibia, Xnet
Rwanda, RwEdNet
Somalia, SomaliREN
South Africa, TENET
Sudan, SudREN
Tanzania, TERNET
Uganda, RENU
Zambia, ZAMREN
Zimbabwe, ZAMREN



A Pan-African Network in the Making

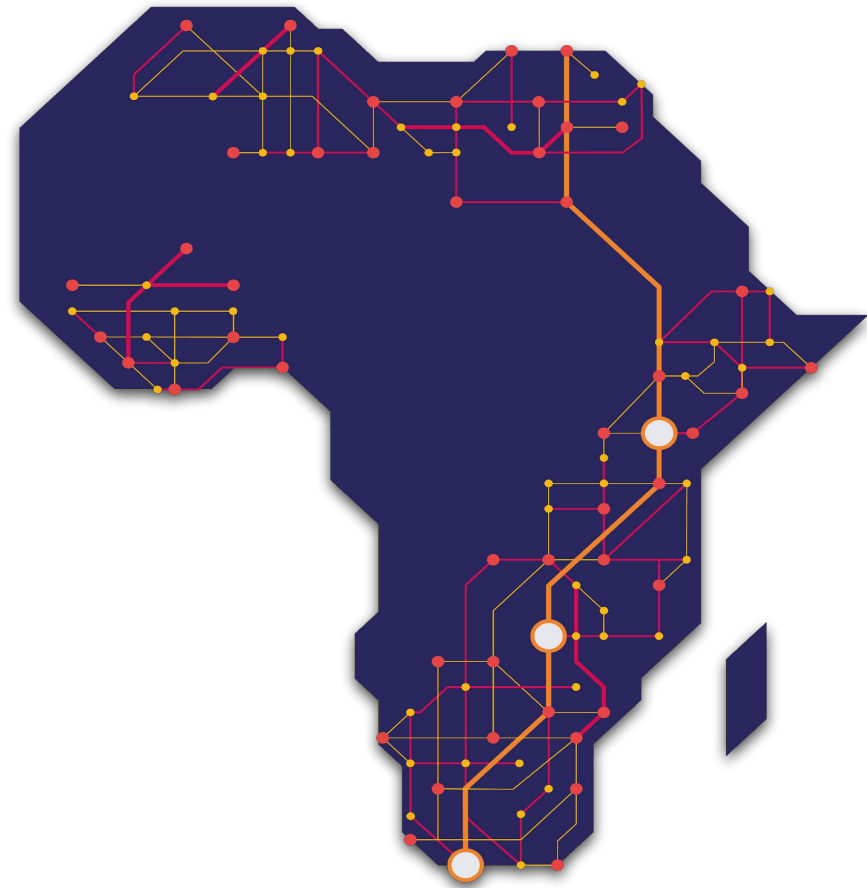


- Since AfricaConnect **started in 2011**, **22 out of 38 African** NRENs are connected to their regional network:
- UbuntuNet Alliance: Burundi, DRC, Kenya, Malawi, Mozambique, Rwanda, Somalia, South Africa, Tanzania, Uganda, Zambia and Zimbabwe.
- WACREN: Ghana, Nigeria and Togo. *Benin, Burkina Faso and Côte d'Ivoire.*
- ASREN: Algeria, Egypt, Morocco and Tunisia.
- All three regional networks are growing.
- Next Countries to be connected: Mali and Ethiopia.



Developing R&E Services

- Service outreach to science communities, deployment of R&E applications and access to repositories
- Trust and Identity for seamless access - **eduID.africa**
- Proactive Cybersecurity for NRENs and their Digital Assets - **TrustBroker.africa**
- Federated Identity Management for Libraries



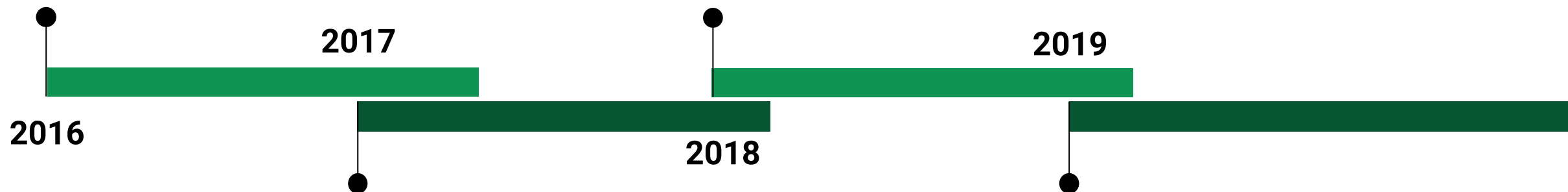
LIBSENSE Timeline (2016-2019)

Initial Activities and Ideas

- Library Open Access Workshop
- Institutional Focal Points Workshop
- Setting the agenda for LIBSENSE
- Informal collaboration btw. EIFL & WACREN
- TUoS Information School joins collaboration

Connecting to AfricaConnect 2 (AC2)

- COAR workshop on repositories for pan-African harvester
- AC2 funds pan African survey/workshops on OAR
- Survey launch in 3 regions commences
- Pan-African LIBSENSE workshops commence



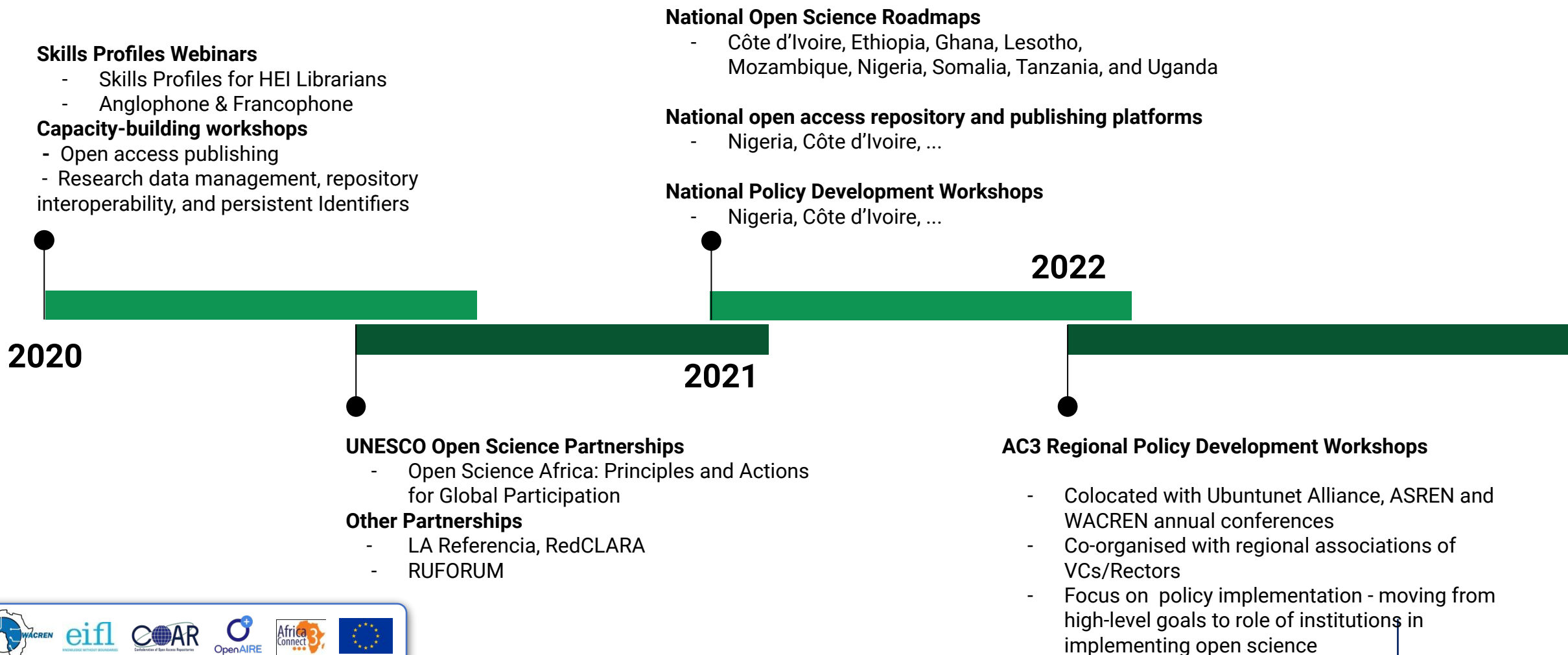
Building the Community

- WACREN LIBSENSE workshops commence
- COAR brought on board as key collaborator
- Pilot survey planned and implemented
- Pilot survey results presented at UA conference

Workshop Activities and Outputs

- LIBSENSE workshops in all regions completed
- Outputs include roadmaps, guidelines, survey reports, workshop reports
- Community activities begin to make impact
- Plans for AC3 LIBSENSE drawn up

LIBSENSE Timeline (2020 - 2023)



Open Science Africa: Principles

- Addressing inequality and supporting equity, diversity and social justice
- Africa-led and operated open infrastructures
- Indigenous/Traditional Knowledge

<https://spaces.wacren.net/x/s4BAAQ>

Open Science Africa: Actions

Strengthen **equitable partnerships** of editors and publishers, libraries, RENs, funders and other actors to provide **immediate open access to African research via journals, repositories and other means supported by an evolving scholarly communication landscape.**

Develop sustainable, collaborative open access publishing models for African research.

The Role of ORCID

- Researcher visibility
- System interoperability
- Repository and publishing workflows
- Embedded in open systems and communities
 - Complements Open Science Africa and eduID.africa in LIBSENSE

Early realisation of ORCID value

[Home](#) » [Monthly archive](#)

Latest News

16 Apr 2021
[WACREN Chair – Prof. Quaynor Bows Out; New Chair In](#)

24 Mar 2021
[Thank You for Participating in WACREN 2021](#)

12 Mar 2021
[Registration now open for WACREN 2021](#)

09 Mar 2021
[LIBSENSE National Open Science Roadmaps debuts at WACREN 2021](#)

08 Feb 2021
[African eduroam Roadshow](#)

01 Feb 2021
[Africa Digital Campus - Call for Expression of Interest](#)

08 Jan 2021
[CALL FOR PAPERS – WACREN 2021](#)

29 Sep 2020
[Video Conferencing Promotion](#)

31 Aug 2020
[Call for Volunteers - Women-in-WACREN](#)

20 Jul 2020
[CALL FOR EXPRESSION OF INTEREST - Communication and Visibility Support for NRENS](#)

December 2015

WACREN enters agreement to increase visibility of researchers in the region

WACREN and [ORCID](#) (Open Researcher and Contributor Identifier) will collaborate on community engagement around the use of persistent identifiers for researchers, works, and organizations in repository data systems and deposit workflows.

ORCID provides a persistent digital identifier for researchers to distinguish their research from those of other researchers. This is done through integration of the identifiers in key research workflows such as manuscripts and grant submissions. The process supports automated linkages between researchers and their professional activities, ensuring that their research is recognized.

Commenting on the MoU, Dr. Boubakar Barry, CEO of WACREN, declared that "the promotion of data citation in the region and the consolidated online research profile that ORCID provides will greatly increase the visibility of our researchers and their research"

[Read more](#)

AfricaConnect2 to develop WACREN infrastructure in first pan-African research and education network



PRESS RELEASE

€26.6m Africa and EU internet project will transform African science and education

Accra, Ghana - 15 December 2015

African research and education network associations [WACREN](#), the [UbuntuNet Alliance](#) and [ASREN](#) have partnered with their European counterpart [GÉANT](#) in a €26.6m EU co-funded project to provide dedicated high-speed internet all over Africa.

Libraries in support of effective research in WACREN

Wednesday 5 Oct 2016, 09:00 → 17:00 Africa/Lagos
NUC Auditorium (Nigerian Research Education Network (NgREN))
Victoria Okojie (IFLA)



Description Libraries need better links and access – NRENs need libraries

A discussion on the benefits of closer cooperation between WACREN and libraries.

Who should attend

- National Library Associations and Library Consortium Leaders
- Librarians working for better access to licensed and open access content, open data and open science platforms and output.
- Academic researchers needing these services
- Campus network and IT managers, Trust and Identity Management System Operators, Library automation and systems support

The workshop is **free of charge, but requires registration.**

Participants

Concept Paper

Group picture

Adesola Victoria ALADE

ahiaoma ibegwam

Ahmad Abdu Balarabe

Ali Maina Bala

AYODEJI OWOJUYIGBE

Binta Farouk

Blessing Ahiauzu

CECILE COULIBALY

Charles Esimone

Dalhatu U. Jibril

DANIEL KASSAR

to improve the visibility of researchers and their works; employ as a way of strengthening value in supporting research and scholarly communication. rations improve cost and access to library resources for research and academic institutions.

09:00 → 10:30 Introduction and problem statement

- why academic and research libraries need better connectivity: Current technical challenges to access to knowledge
- why libraries are major stakeholders in NREN's: Driving data traffic and supporting national development through better quality education and research

11:30 ORCID: tracking research outputs and populating your repository

Speaker: Mr Matthew Buys (ORCID)

Slides Video

12:30 → 13:30 Lunch

13:30 → 15:00 Interactive Discussion

- How can we meet technical, organisational, legal challenges to improve the connectivity of libraries?
- Practical steps for closer collaboration between WACREN and library consortia in Western and Central Africa?



Sharing experience and use-cases

[Pages](#) / [Home](#) / [Webinar on Persistent Identifiers](#)

PID Implementation use cases

Created by Omo Oaiya, last modified by Iryna Kuchma on [Jun 04, 2021](#)

If you have a PID implementation use case that you would like to share, please contact libsense-pids@ren.africa.

Software

- [Institutional ORCID Integration designed for use in conjunction with a DSpace repository \(currently supporting DSpace versions 5 and 6\): KAUST: King Abdullah University of Science and Technology solution](#)
- [OJS-ORCID Plugin: A guide](#) that explains how to use and configure the ORCID Profile Plugin, how to obtain ORCID membership and API credentials, and how to connect ORCID iDs with works published with OJS; [video tutorials](#)
- [Crossref plugin for OJS 3.1.2 or later versions](#) (allows to deposit metadata with Crossref and generate DOIs)

Use cases

- [Experiences from Ethiopia and Somalia](#) - The National Academic Digital Repository of Ethiopia (NADRE, <https://nadre.ethernet.edu.et/>) and The Somali Research and Education Repository (SORER, <https://sorer.somaliren.org.so/>) - in both cases, DataCite DOI prefixes have been used. Contents stored on the repositories can be manually/automatically linked to the ORCID profile(s) of their author(s).
- [North-West University: Our integration journey with ORCID](#)
- [ORCID, DSpace and the KAUST Approach](#)
- [Stellenbosch University's ORCID integration: The highs and the lows \(2020\) and 2021 update](#)

Outreach

- [KAUST LibGuide on ORCID](#) (Open Researcher and Contributor ID): Provides information about ORCID researcher identifiers and their use at KAUST
- [North-West University Library and Information Service on ORCID](#)
- [Stellenbosch University Library and Information Service Guide on ORCID](#)

ORCID in LIBSENSE

- Central to PIDs strategy
- Similar ramp-up framework to eduID.africa
 - Regional consortium where national consortia don't yet exist
- Leverage in AfricaConnect3 shared platform demonstrators
 - Nigeria - publishing - Kotahi
 - Cote d'Ivoire and RUFORUM - InvenioRDM

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Join us

libsense@ren.africa

<https://libsense.ren.africa>

