

Manifesto of the FAIR Implementation Network - Africa  
To establish the Africa connection of the Internet of Data and Services

# GO FAIR IN-Africa

2019-2020

22 July 2019

## Introduction

The GO FAIR Implementation Network Africa (IN Africa) is an open network.

Noting the potential importance of this global development and the possibility for African universities and service providers to be connected to this, the benefit of the FAIR-principles to help solve the problem of the current extraction of data from the continent without returning benefits; pointing to the possibility of a governance of data that will benefit the African continent; the emerging possibility through FAIR to root digital data within a philosophy that data are owned by the data-subject; exploring the contribution that Africa philosophy can make to the global internet of data and services due to its epistemology of united and collective existence expressed within local realities; the network engages with the FAIR-initiative to strengthen an African connection, perspective and orientation.

Central to the Implementation Network is the African expression of an Internet of Data and Services.

The meetings further considered the opportunities of data science for economic potential, especially for Africa's youth and the need for education and training in this area. It was further considered that the application in the context of digital health and other areas of digital development are vast and that the internet of data and services may provide a very good foundation for its sustainable development.

It was finally considered that a team of African experts was available to carry this endeavor and that adequate political support could be garnished to help bring this initiative to life.

The network seeks to bring together African expertise, from within the African continent in all its diversity, and in the diaspora, in collaboration with colleagues from other parts of the world, with the explicit objective to strengthen the lead African scholars, decision-makers and practitioners in the global network of implementation for an internet of FAIR data and services.

The principles at the core of the Implementation Network Africa (IN-Africa) are set out in the Activity Plan to the Manifesto of the IN-Africa, which forms an integral part of this Manifesto.

### **Purpose of the Implementation Network:**

The IN- Africa will aim to learn from the Global Implementation Networks and align with the [FAIR principles](#) but will equally seek to enrich the global Network with its exploration, findings and conclusions.

### **Overarching Principle of Operation**

The Africa GO FAIR Implementation Network commits to comply with the Rules of Engagement of GO FAIR Implementation Networks

### **Targeted Objectives of the IN-Africa**

Establishing an open, overarching network for implementation of the FAIR-principles of a machine and human readable internet of data and services, based within the principles of African philosophy and inclusiveness, serving African science, supported by African governance of data, data ownership, protection and security, and linking African science to the global FAIR community based on practices and experience.

The topics will be handled by ten working groups, set out in the Activity Plan. The work in the IN-Africa may lead to new implementation networks within this range of sub-areas or outside this range into new areas.

### The Primary Tasks

Task 1: Complete the execution plan & roadmap as part of the process becoming a GO FAIR Implementation Network which includes the establishment of the working groups, their leadership and membership and agreement on a time-line;

Task 2: Further exploration and expansion of the working groups, linking with the Global FAIR Implementation Networks where relevant and establishing of practical deliverables and timelines;

Task 3: Implementation and mutual consultation, adaptation of time-lines and deliverables if required and sharing of products.

### Membership list

The IN Africa is chaired by Prof Dr Munyaradzi Mawere and Prof Dr Venansius Baryamureeba.

The following are links to the network: <http://kiu.ac.ug/go-fair-data-management-initiative/> and <http://www.gzu.ac.zw/data-science-through-go-fair-in-africa-a-new-generation-internet-of-data-and-services/>

This Manifesto of the GO FAIR IN-Africa is undersigned by the stakeholders listed below, which will speak with one voice on a number of critical issues that are of generic importance to the objectives of FAIR, and on which we feel we have reached consensus.

Title	Name	Organisation/University	Country	location	Area of Expertise
	Edward Chindaya	Great Zimbabwe University	Zimbabwe	Masvingo	DVC
Prof Dr	Munyaradzi Mawere	Great Zimbabwe University	Zimbabwe	Masvingo	Ethnography and Africa Studies
	Kudakwasi Chindoza	PhD Candidate, Great Zimbabwe University	Zimbabwe	Masvingo	ICT and Computer Science
Prof Dr	Venansius Baryamureeba	Former VC Makerere University	Uganda	Kampala	Computer Science
Dr	Mouhamed Mpeza	Kampala International University	Uganda	Kampala	VC
Prof Dr	Kimutai Some	Kampala International University	Uganda	Kampala	Chancellor

Title	Name	Organisation/University	Country	location	Area of Expertise
Prof Dr	Stephen G Agong'	Jaramogi Oginga Odinga University of Science and Technology	Kenya	Bondo	VV and Professor of Horticulture
Dr	Prisca Tibenderana	Kampala International University	Uganda	Kampala	Librarian
Dr	Mike Barongo	Makerere University	Uganda	Kampala	Registrar/Data Science/Computer Science
Dr	Primrose Nakazibwe	Mbarara University/Ndejje University	Uganda	Mbarara/Kampala	Value Chain, development and gender studies
Dr	Tegawendé Bissyandé	Université de Luxembourg	Burkina Fasso/Luxembourg	Luxembourg	Data security and protection/computer science
Dr	Muok	Jaramogi Oginga Odinga University of Science and Technology		Bondo	Agriculture
Mme	Zamina Malole	Uganda/Tilburg University	Uganda	Kampala	Equal Opportunities governance
	Mariam Basajja	Kampala International University/Leiden University	Uganda	Kampala	Computer Science
	Moses Emuze	Consultant Digital Insight	Netherlands/Nigeria	The Hague	Data Governance
Prof Dr	Prof Muliaro Wafula	Jomo Kenyatta University of Agriculture and Technology	Kenya	Juja	ICT Centre of Excellence & Open Data -iCEOD
Dr	Reginald Nalugala	Tangaza University	Kenya	Nairobi	Social Science and Arts
Mme	Julia Duncan-Cassell	Liberia	Liberia	Monrovia	Gender, social protection and governance

Title	Name	Organisation/University	Country	location	Area of Expertise
	Rita Mazocchi	Tangaza University - PhD School	Kenya	Nairobi	Social Science and Arts
Dr	Antony Ong'Ayo	Institute of Social Studies	Netherlands/ Kenya	The Hague	Diaspora Studies and Migration
	Annastacia Mangoma	Leiden University	Netherlands/ Kenya	Eldoret	ICT and Business
Dr	Kinfe	Mekelle University	Ethiopia	Mekelle	Population Studies
	Kirsty Kaiser	COHRED	South Africa/Nether lands		Health
Prof Dr	Carel IJselmuiden	COHRED	Netherlands		Health
	Harry van Schooten	COHRED	Netherlands		Health
Prof Dr	Jan Nouwen	Rotterdam University	Netherlands	Rotterdam	Global Health Programme
	Caroline Williams	Do Good Only Company	Netherlands	Amsterdam	Inclusive Data Science
Dr	Bertha Vallejo	Maastricht University	Netherlands	Maastricht	Economy
Prof Dr	Jaap van den Herik	Leiden University	Netherlands	Leiden	Director Leiden Centre of Data Science
Dr	Mark Wilkinson	CBGP UPM-INIA	Spain		Computer Science
	Klara Smits	Europe External Programme with Africa	Belgium	Brussels	Research collaboration and communication
Dr	Mia Stokmans	Tilburg University	The Netherlands	Tilburg	Humanities
	Hagurjit Singh	Leiden University	The Netherlands	Leiden	Computer Science

Title	Name	Organisation/University	Country	location	Area of Expertise
Prof Dr	Mirjam van Reisen	Leiden University/Tilburg University	Netherlands	Leiden/Tilb urg	Leiden Centre of Data Science, Go-FAIR  Globalisation, Accessibility, innovation and Care Research Network