

# Achieving Sustainable Development Goals 2 and 3 : Role of Libraries

By

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# Outline;

- Introduction
- Situation at hand
- Factors affecting the realization of these goals
- What can the library do to achieve these goals
- How the library can realise these goals
- Activities in the three countries/ institutions,
  - Uganda SGD 2 by Jackie and SDG 3 by Martha
  - Nigeria by Francisca
  - Ghana by Lydia
- Conclusion



# Introduction

- Reduction of undernourished people in the developing regions by almost half,
- Maternal mortality declined by 45%,
- New HIV infections fell by approximately 40%
- Uneven across regions and countries,
- No one should be left behind

# Situation at hand



- 815 million worldwide
- 12.9% is undernourished
- 45% deaths due to poor nutrition
- 23 million primary children attend classes hungry in Africa



- 400 million people have no basic health services

## **Africa**

- 24% global disease burden
- 72% deaths due to communicable diseases
- 6 million children die before 5<sup>th</sup> birthday

## Factors affecting the realization of these goals

- Level of education
- Untimely delivery of the information
- Inappropriate media of dissemination
- Income and social status
- Political instability
- Social support services
- Access and use of health services
- Physical environment
- Climate changes
- Poor transportation system

Walingo (2009), Ugwoke, Osagie, and Abuah (2015), Shapouri and Rosen (2001), Marza et al (2015), Marza, Angelescu and Tindeche (2015), Wichelns (2015)

## What can the library do to achieve these goals?



- Collaboration with other players
- Research and Development
- Repackaging of Information
- Grant Funding Agencies
- Sensitization
- Community empowerment through ICT
- Education Centers/ corners
- Bibliotherapy
- Digital specialized consumer library

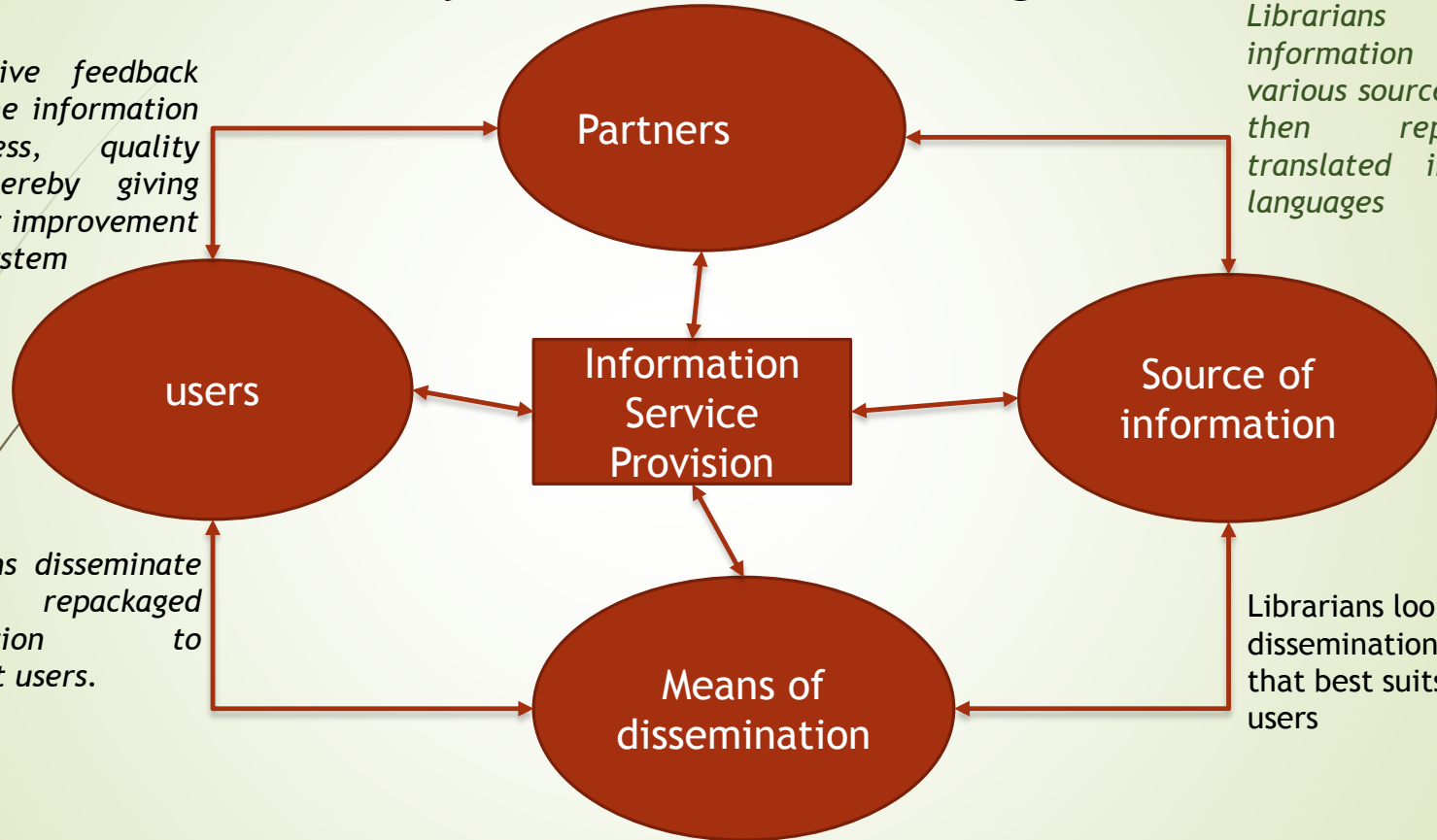
# How the library can realise these goals

*Users give feedback about the information (timeliness, quality etc) thereby giving room for improvement of the system*

*Librarians collect information from various sources. This is then repackaged/translated in native languages*

*Librarians disseminate the repackaged information to different users.*

*Librarians look for a dissemination media that best suits the users*





# Good health and wellbeing for all in Uganda



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REPUBLIC OF UGANDA

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Ministry of Health Pharmacy Division  
Stock Status Report as at 1st February  
2019  
The purpose of this report is to inform the

Malaria weekly Status - Uganda Week 9  
— 25th Feb to 3rd Mar 2019  
Reporting rate this week (86.4%) represents  
change from the previous week, 2019W8

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Ministry of Health Uganda (2019), Office of the Prime minister (2019)



# Applications by Makerere University



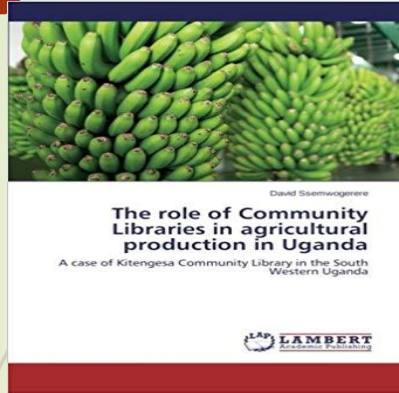
# Applications by Makerere University Library



Mulib (2019), Albert cook Lib (2019), CEES (2019)



# Food Security for Zero Hunger In Uganda



Cassava and bananas that need preservation knowledge  
(Image source: CGIAR, 29 January 2015;  
<http://www.africanfarming.net/>)

Ainebyoona Daily Monitor, Saturday May 6 2017;  
<https://www.monitor.co.ug/Magazines/Farming/>)

## Food Security for Zero Hunger In Uganda...

- 795 million people suffer chronic hunger in the world (Hickel, 2016). **Eradicating hunger is complex but achievable.**
- **Post-harvest food losses estimated to be 1.3 billion tons per year worldwide contribute to the chronic hunger. Out of that Uganda postharvest loss is more than 20 million metric tonnes of grain in Uganda, valued at over \$4b annually which is enough to feed 48 million people (Dunford, 2015).**
- **Associated with hunger in Uganda is postharvest loss due to lack of preservation and storage information, value addition and market. During harvest seasons, the food stuffs are plenty and prices are low in most of the parts of the country. However dry seasons food is expensive which make Ugandans with low house hold income to go hungry.**
- **Government of Uganda through Ministry of Agriculture, NARO and other 16 Institution using Agriculture Extension Workers, NGOs like Hunger Project and Development Partners have invested over the years to reduce postharvest loss. However the problem has persisted(USAID, 2018).**



# Small Scale Farmers Information Need in Uganda

## Storage

### Value Addition and Market



Small Scale Farmers learn to make products from cassava (by James Wire Lughabo  
<https://www.monitor.co.ug/Magazines/Farming/Daily Monitor, Wednesday June 11 2014>)

Super Grain Bags



Plastic Silos



Metal Silos



Zero Fly Bags



Grainsafes



Traditional Granaries



<https://www.hks.harvard.edu>(Agustin Viola , 2017)

# Information Needs....

## Transport



Eriyasa Mukiibi, Independent, 22, Sept 2010

## Fruiti-Cycle



<https://foodtechconnect.com/2017/04/27/millennial-food-innovators-fruity-cycle-takes-post-harvest-losses/>

Quality seeds, rain water harvest and credit

## Post-Harvest Handling Information Academic Libraries

Database	Worldwide	Africa	Uganda
AGORA	16,737	5,550	1,051
Google Scholar	35,200	17,300	6,070
Total	51,937	22,850	7,121



## Uganda Infohub & Repositories

- NARO works with Ministry of Agriculture, College of Agriculture and Environment Science, 16 other agricultural research institutes and other partners (<http://www.naro.go.ug>) to provide evidence based information stakeholders like farmers:  
<http://www.naroinfohub.org/repository> - Lack specific information on post harvesting handling for most serials like maize, bananas, rice, cassava and sweet potatoes.

# Applications by the Kampala International University



U.N. Sustainable Development Goals - SDG  
Inter-University quiz challenge



Youth Empowerment on Human  
rights for sustainable  
development. Availability of  
evidence based electronic  
information



## Applications by the Nigerian Government

As the threat of hunger and food insecurity looms in Sub-Saharan Africa-Nigeria inclusive, FGN has incorporated many programmes and policies that will help to address this menace. Some of them include:

**The Green Alternative Agriculture Promotion Policy-** objectives to boost food production, curb importation, stimulate export and create jobs

**Anchor Borrower's Programme-** a CBN initiative to lift thousands of farmers out of poverty and generate jobs for the unemployed Nigerians.

**Civil Society Organisation:** end hunger, achieve food security & improve nutrition

## Applications by the Nigerian Government...



**Rural Finance Institution Building Programme** - Prog. between the International Fund for Agriculture Development and FGN to develop and strengthen Micro Finance Bank by enhancing farmers to basic banking services

**Youth Enterprise with Innovation in Nigeria (YouWin)** - a collaborative effort of the Min. of finance , communication Tech and Youth Development- Assist aspiring entrepreneurial youth in the country to develop and execute their business ideas.

**Staple Crops Processing zones-** The concept is to set up processing plants in zones of high food production and to process commodities into food products. This way they attract and assist private sector agribusinesses.



# Applications by the Federal University of Technology, Owerri

## Vitamin A Cassava or Yellow Cassava Project

### Project Steps:

- Consultation/Partnership/Findings
- Sensitization about the Yellow cassava
- Visit/Project Implementation
- Seminar/farm Visit



# Consultation/Partnership/Sensitization



Meeting with the Agric  
librarian and Agric  
Scientist in FUTO



Meeting the Women  
leader of Ezioobodo  
Rural Farmers



Visit to the Ministry of  
Agriculture for  
consultation

## Visit/Project Implementation



Presentation of kola nut to the rural farmers.



Sharing/distribution of Vitamin A/yellow cassava stem to the farmers



# Seminar/Farm Visit



A cross section of the farmers listening to the seminar presented in their own local language



Librarian, Agro-hive CEO posing with the project volunteers, some of the beneficiaries and cyclists that conveyed them to the farm



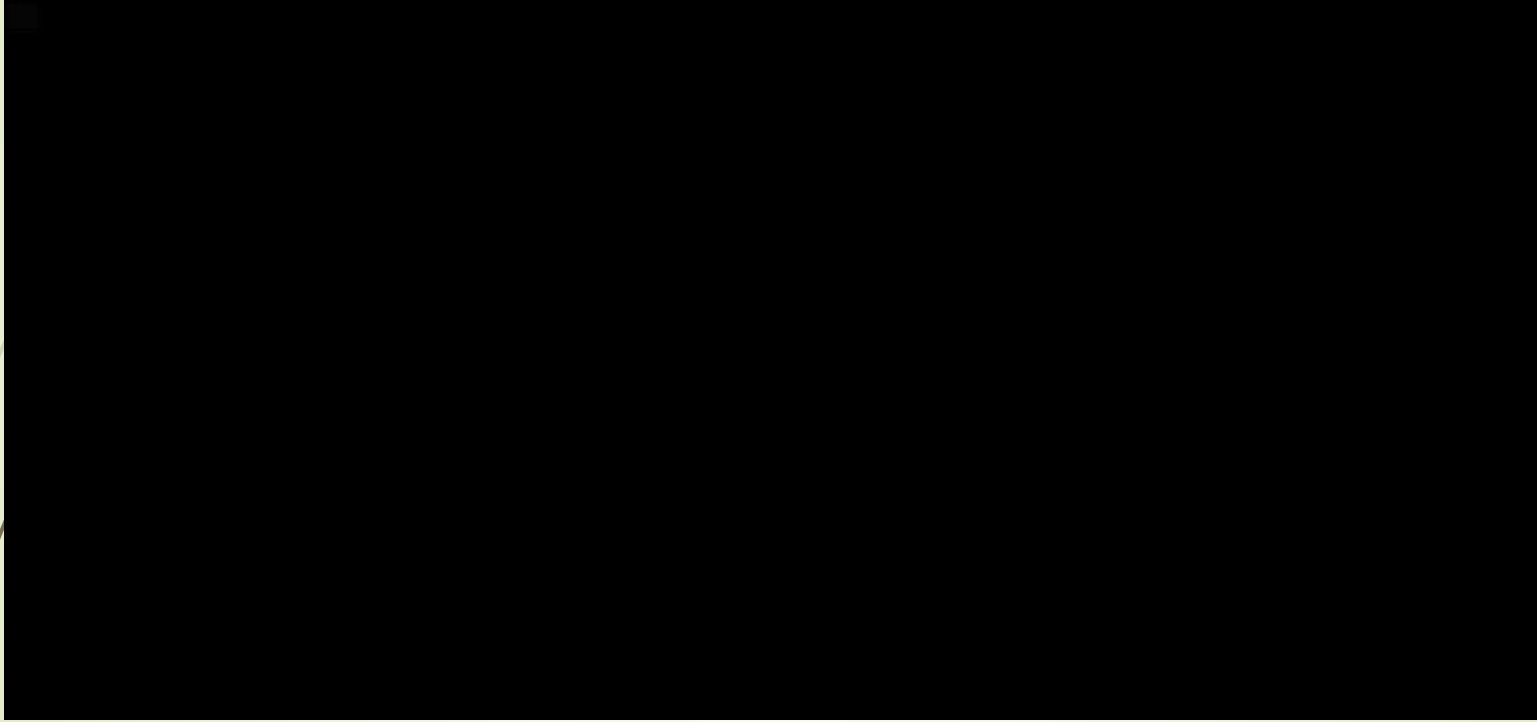
A cross section of the farmers with project partners after the farm visitation



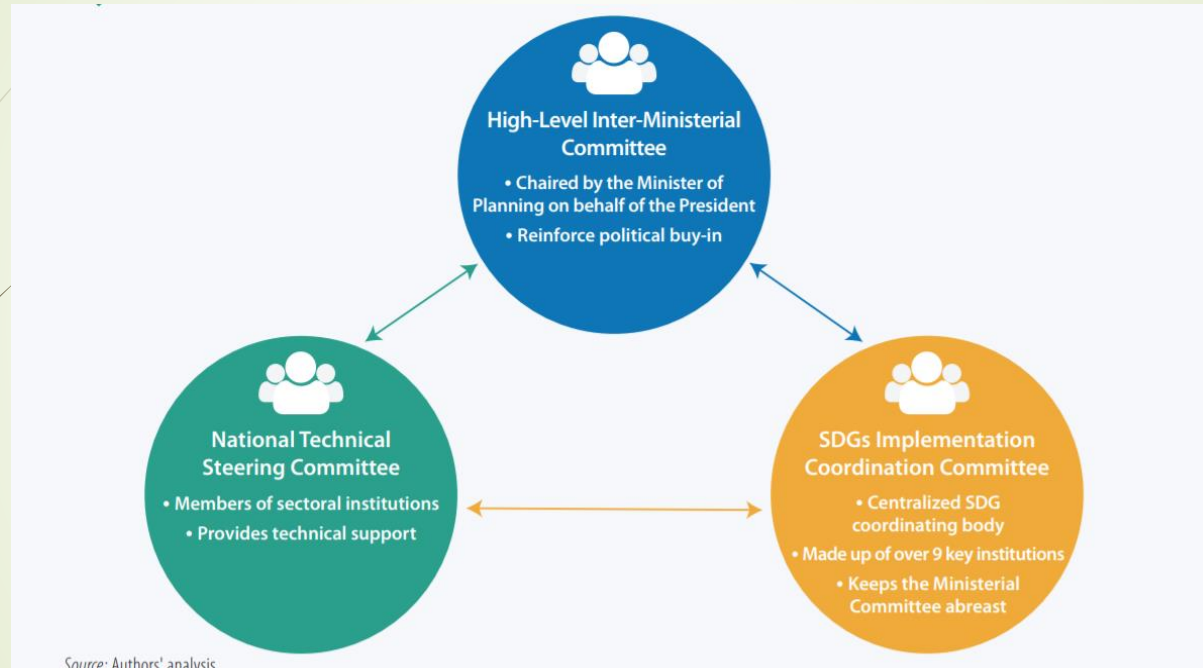
Two of the beneficiaries posing with the librarian and her project partner.



See Video Clip Covered During the Seminar and the Farm Visit



# Application by the Ghana Government

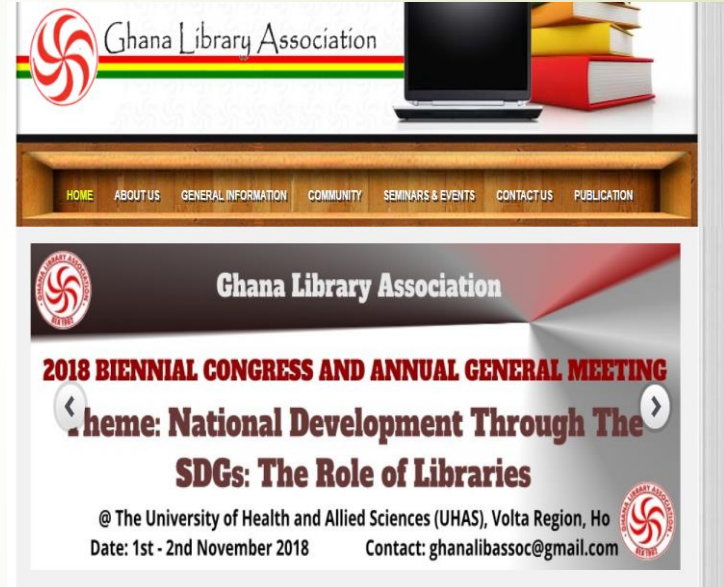


## An Inclusive Approach by the Ghana Government

# Efforts by Universities and the Ghana Library Association



Colleges of Health Sciences: SDG 3  
UDS: SDG 2  
UG: Awareness Creation



GLA Promoting SDGs



# Application by Ghana Institute of Journalism



**Collaboration with LA Public Health Unit to Educate the inmates at the Senior Correctional Centre**



**Collaboration with National Road Safety Commission to Educate Covenant Presbyterian Basic School**





# Application by the Ghana Institute of Journalism



SDGs Corner in the Richard McMillan Library



# Application by the Ghana Institute of Journalism



Radio Talk on Hepatitis B (Radio GIJ)




Information Literacy Session at Richard McMillan Library



## Future Projects by Ghana Institute of Journalism

- Drug abuse campaign in rural areas by students' outreach groups.
- Talk on drug abuse at Shelter for Abused Children, Osu, Accra.
- Campaign on drug usage and road safety at lorry terminals.
- Organise counselling and voluntary testing of hepatitis B on campus.



## Vote of thanks

- Carnegie Corporation of New York
- University of Pretoria
- Makerere University Library
- Kampala International University
- Federal University of Technology, Owerri
- Ghana Institute of Journalism

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# Thank You!



Questions?

Comments?

Suggestions?