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# AFRICA ONE HEALTH UNIVERSITY NETWORK (AFROHUN)



ONE HEALTH WORKFORCE - NEXT  
GENERATION (OHW-NG)

**YEAR 3**  
SEMI-ANNUAL REPORT

**2021-2022**



## AFROHUN NETWORK

- Secretariat
- Cameroon
- Côte d'Ivoire
- DRC (Congo)
- Ethiopia
- Kenya
- Rwanda
- Senegal
- Tanzania
- Uganda

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## CONTENT

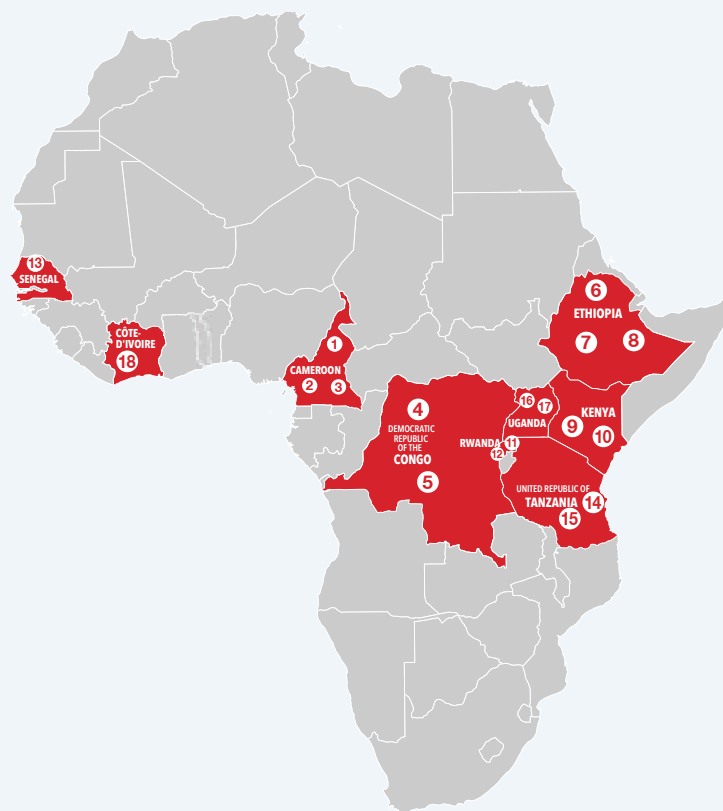
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Cover photo source: AROHUN Tanzania.

## SPECIAL THANKS

In particular, we would like to extend special thanks to the Global Team and AFROHUN member institutions as shown in the map below.



### Current AFROHUN Network Reach

#### CAMEROON

1. Université des Montagnes
2. University of Buea
3. University of Ngaoundéré

#### DR CONGO

4. University of Kinshasa
5. University of Lubumbashi

#### ETHIOPIA

6. Jimma University
7. University of Addis Ababa
8. Mekelle University

#### KENYA

9. University of Nairobi
10. Moi University

#### RWANDA

11. University of Rwanda
12. University of Global Health Equity

#### SENEGAL

13. Université de Cheikh Anta Diop

#### TANZANIA

14. Muhimbili University of Health & Allied Sciences
15. Sokoine Univ. of Agriculture

#### UGANDA

16. Mbarara University of Science & Technology
17. Makerere University

#### CÔTE-D'IVOIRE

18. Université Félix Houphouët-Boigny

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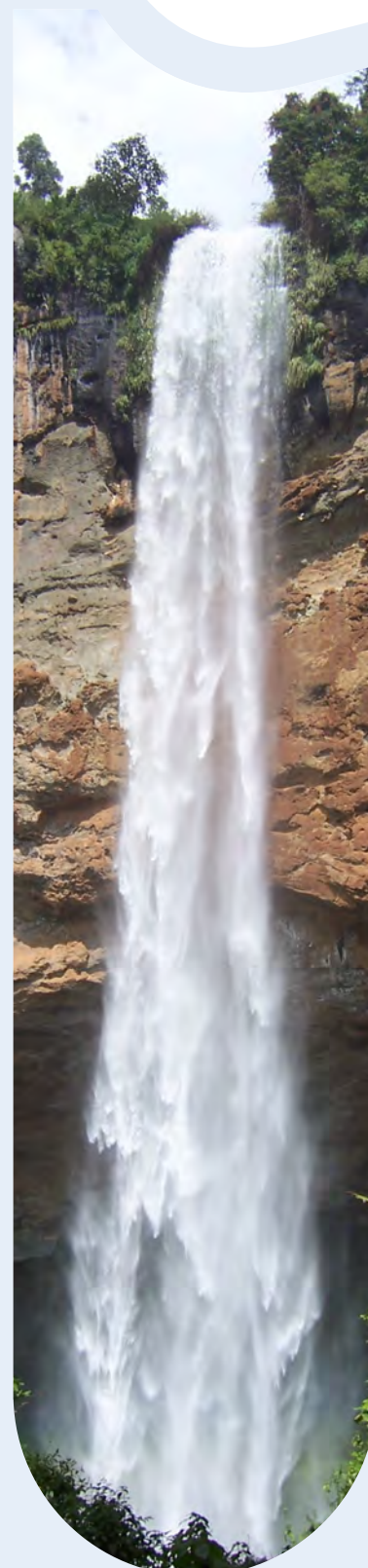
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# ACRONYMS AND ABBREVIATIONS



|   |         |
|---|---------|
| Africa One Health University Network                        | AFROHUN |
| Antimicrobial Resistance                                    | AMR     |
| American Rescue Plan Act                                    | ARPA    |
| Breakthrough Action   | BA      |
| Continuing Professional Development                         | CPD     |
| Community Based Education Research and Service              | COBERS  |
| Democratic Republic of Congo                                | DRC     |
| District One Health Teams                                   | DOHTs   |
| Extension for Community Healthcare Outcomes                 | ECHO    |
| Global Health Case Competition                              | GHCC    |
| Global Health Security Agenda                               | GHSA    |
| Deutsche Gesellschaft für Internationale Zusammenarbeit     | GIZ     |
| Farming Systems Kenya                                       | FSK     |
| Human Resource Management                                   | HRM     |
| Infectious Disease Management                               | IDM     |
| Information Technology                                      | IT      |
| International Health Regulations                            | IHR     |
| Integrated Regional Polytechnic Center                      | IPRC    |
| Jaramogi Oginga Odinga University of Science and Technology | JOOUST  |
| Kinshasa School of Public Health                            | KSPH    |
| Knowledge Management  | KM      |
| Master of Public Health                                     | MPH     |
| Muhimbili University of Health and Allied Sciences          | MUHAS   |
| Mbarara University of Science and Technology                | MUST    |
| National One Health Platform                                | NOHP    |
| Non-US Organization Pre-Award Survey                        | NUPAS   |
| One Health  | OH      |
| One Health Workforce Academy                                | OHWA    |
| One Health Workforce Next Generation Project                | OHW-NG  |

|   |        |
|---|--------|
| National Program for Control of Emerging and Re-emerging Zoonosis | PNLZER |
| Research and Ethics   | R&E    |
| Risk Communication and Community Engagement                       | RCCE   |
| Service National de l'Éducation et de l'Information pour la Santé | SNEIPS |
| Students One Health Innovations Club                              | SOHIC  |
| Sokoine University of Agriculture                                 | SUA    |
| Technical Advisory Committee                                      | TAC    |
| The Partnering Initiative   | TPI    |
| Technical Working Group   | TWG    |
| Université Félix Houphouët-Boigny                                 | UFHB   |
| University of Global Health Equity                                | UGHE   |
| University of Kinshasa  | UNIKIN |
| University of Lubumbashi  | UNILU  |
| University of Rwanda  | UR     |
| United States Agency for International Development                | USAID  |





## Our Vision

A global leader in One Health approaches to sustainable health, for healthy, productive animals, prosperous communities and productive ecosystems.

## Our Mission

To drive transformational change for continuous improvement of health and well-being of humans, animals, and environment through OH principles and approach to research, training and community service.

## Our Core Values

Innovation, Multidisciplinary teamwork, Mutuality and Respect, Strategic Partnerships, Inclusiveness, Collective decision-making, Accountability and Transparency.

AFR SEC 2: African Elephants, Tzavo National Park, Kenya. Photo source: [www.kenya-experience.com](http://www.kenya-experience.com)





AFR SEC 3: Beautiful terraces, Bwindi, Uganda. Photo source: [www.naturalworldsafaris.com](http://www.naturalworldsafaris.com)



# AFROHUN Secretariat



## Dashboard Overview of Year 3



## HIGHLIGHTS



- Developed and submitted a proposal for the transition award to USAID Washington as the prime (February 2022).
- Conducted four workshops to familiarize eight countries on the Knowledge Management (KM) Strategy to develop country KM action plans (March 2021).
- Received collaboration frameworks with Malteser International and German Agency for Cooperation (GIZ) Global program, committing to support AFROHUN with USD 28,000 and 160,000 euros, respectively (January to March 2022).
- Trained all AFROHUN Secretariat and country staff on project management (November 2021 to February 2022).
- Underwent a Non-US Organization Pre-Award Survey (NUPAS) Plus assessment, helping the network to identify capacity gaps that need to be addressed ahead of the NUPAS by USAID (October to December 2021).

# ACTIVITIES



## OBJECTIVE 1

AFROHUN identified Research and Ethics (R&E) as one of the pillars for the AFROHUN One Health Workforce Academy (OHWA). In collaboration with the Academy's R&E Technical Working Group (TWG) and the AFROHUN country leadership, we constituted a team of 12 country researchers from AFROHUN member institutions to update the network's research agenda (AFR Activity 1.2.5). The team will propose methodologies of identifying the One Health (OH) research priorities in their respective countries and regionally. Additionally, the AFROHUN Secretariat initiated a collaboration with Africa CDC, which is planning to develop a OH research agenda for Africa.

The AFROHUN Secretariat reviewed and provided feedback on the six course outlines developed by the Global gender team. The team is revising the courses before they are finalized for delivery by OHWA in May 2022. Discussions on

co-delivery of the courses with network faculty are underway. These courses will build on the module on Gender, One Health and Infectious Disease Management that was developed during the OHW Project by going more in depth on topics such as gender and disaster risk management. Additionally, learners will be eligible for certification upon completing the post-course assessment.

The AFROHUN Secretariat identified two cross-country activities for joint planning: one on grant writing and another on establishing OH demonstration sites. Joint planning of these activities enabled participating countries to learn from each other's experiences and lessons learned from various models and templates used by AFROHUN countries and the Global Team. In addition, the Subject Matter Experts (SME) provided technical support to the participating countries and let countries customize materials and models to meet country-specific needs.



## OBJECTIVE 2

With support from the Global Team, AFROHUN developed and piloted online survey tools for alumni tracking in Year 2. During the reporting period, the survey tools were deployed to track alumni in Tanzania, Ethiopia, Cameroon, Senegal, Uganda, and DRC (AFR Activity 2.2.3). The AFROHUN Secretariat organized four workshops to familiarize eight countries on the KM Strategy and develop KM action

plans (AFR Activity 2.1.7). The workshops involved Country Managers and Thematic Leads. Currently the KM Technical Advisor and the Secretariat KM Lead are reviewing the country action plans for finalization and identification of items that may be implemented at regional level. One additional workshop is being organized to cater to DRC and Ethiopia.

# 3

## OBJECTIVE 3

Working collaboratively with the Global Team and external auditors from SusainAbility Solutions (AFR Activity 3.1.5), AFROHUN underwent a NUPAS Plus assessment between October 2021 and December 2021 through virtual sessions and a review of key policy documents and plans. This was important to identify key capacity gaps to address ahead of the USAID led NUPAS Assessment. The assessment identified gaps in: finance and internal control systems, procurement, property management, information technology (IT), human resource management (HRM), mandatory standard provisions, and required as applicable. AFROHUN used the assessment results to address capacity gaps through: updating the Finance and Human Resources policies and procedures developing new policies including the AFROHUN IT policy and plan; procedures for IT risk management; and network and system access procedures. The USAID NUPAS assessment commenced in February

2022. Document review and in-person interactions are scheduled to take place at the regional Secretariat in May 2022.

Strengthening staff capacities and improving organizational systems are ongoing tasks within AFROHUN as the network pursues its sustainability goals. Project management competencies were identified for capacity improvement as the network prepared to become a prime recipient of US government funding. To improve project management skills, all AFROHUN regional and country staff were trained in project management (AFR Activity 3.2.3). The training was delivered through six monthly, two hour, virtual sessions between November 2021 and February 2022. The Global team mentored the Head Grants and Resource Mobilization in partnership strategy preparation and engagements through weekly zoom meetings held in February and March 2022. This resulted in better preparedness for donor meetings with GIZ. The partnership engagement packages developed helped strengthen



AFR SEC 4: Transition Award Proposal Development I. Photo source: AFROHUN Secretariat.

the Resource Mobilization system at AFROHUN.

Strengthening network partnership development and funding diversification for institutional sustainability is a key focus area for Year 3 (AFR Activity 3.3.3). Utilizing the good partnering practice knowledge and tools obtained in Year 2, we streamlined processes for effective donor engagements. Working with the Global Team, the Secretariat developed packages such as pitch decks, capability statements, and academy fliers. The packages were used during partner meetings with GIZ (AFR 3.3.4), and will continue to be used in the future. In addition, staff who underwent partnership training in Year 1 developed network tailored partnership guidance documents and frameworks as part of assessment process to qualify for The Partnership Initiative (TPI) good partnering practice certificate. Four (three female, one male) of the 13 staff signed up for certification have completed their

certificates and six more are soon to follow. The products developed will be standardized and made available for all staff to use in their partnership endeavours, thus improving network partnership engagement procedures.

Partnership engagements (AFR Activity 3.3.4) continued this year with four priority target partners : GIZ, Malteser International, Defense Threat Reduction Agency, and African Union (AU). To-date, information about these target funders has been secured specifically on funding priorities that align with AFROHUN's work, and key contacts within the institutions. AFROHUN Secretariat organized a grant writing workshop in response to USAID AFROHUN transition award. A project narrative and cost application were submitted to USAID and are awaiting feedback. Once awarded, this will be a demonstration of AFROHUN's strengthened capacity and progress towards institutional sustainability.



AFR SEC 5: Transition Award Proposal Development 2. Photo source: AFROHUN Secretariat.



## LESSONS LEARNED

### The path to institutional sustainability: improving AFROHUN's institutional capacity

AFROHUN has been aspiring to diversify its funding sources and also increase its level of funding. Effective partnering practices were introduced during the One Health Workforce project cycles to the network as one of the key strategies for resource mobilization. However, the bolts and nuts on how to use this strategy for resource mobilization have always remained elusive to staff. Through the OHW-NG project, capacity has been strengthened in good partnering practice and Year 2, we began to upgrade

institutional partnering processes and procedures as reference documents for present or future staff use.

Through these resource mobilization endeavors, we have learned that proactive and continued engagement of potential funders by carefully aligning network plans to funders' programs, accompanied by good demonstration of network capabilities can quickly win funders' attention and thus funding support. This approach was responsible for the funding commitment realised from GIZ.



## NEXT STEPS

Joint meetings between AFROHUN and Africa CDC shall be convened to build consensus on the methodologies and scope of the research agenda development. The researchers shall be facilitated to undertake the identification of the OH country research priorities in the nine AFROHUN countries. Two researchers shall collate and synthesize the country reports, identify continental and regional priorities, and develop an updated regional and continental OH research agenda. The reports on identified priorities shall be reviewed by the AFROHUN Academy R&E TWG and Country Thematic Leads, the Secretariat, and the Global Team.

The AFROHUN Secretariat shall identify faculty to review and co-deliver the virtual gender courses.

Secretariat staff leading resource mobilization are working to translate the vital partnership packages developed both at the Secretariat and country level. The packages will be used to prepare partnership guide documents for use by network members. This will be used to upgrade our partnership strategy in the second half of Year 3. This standard setting will also ensure quality control in our partnering practices. Gaps and recommendations from the on-going USAID NUPAS assessment will inform future capacity building plans and system improvements.





SECRETARIAT

# ONE HEALTH CHAMPION

## PROFESSOR JOHN DAVID KABASA



### Job Title

Professor at Makerere University College of Veterinary Medicine, Animal Resources and Biosecurity (COVAB) and Deputy CEO - AFROHUN

### Professional Credentials

BVM, MSC. V.M, PhD., DCP Laureate

### Role within the OHW-NG Project

Director, AFROHUN One Health Workforce Academy

### Affiliation

Makerere University - Uganda



*“Universities by nature are transboundary, so as an entry point into building the web of effort across Africa to cordon off the spread of germs. A university is a strong area of entry because universities work together across borders. We are in position to create curricula, we do research and surveillance and draw an early warning system that feeds into government efforts, which are national in nature. Therefore, the Africa-wide network (AFROHUN) has now become very strong to drive that agenda. We bring in the very important regional perspective into these efforts.”*



### Individual's Impact

Professor John David Kabasa is the Deputy Chief Executive Officer and a Board member of AFROHUN. He is a veterinary scientist and pioneer of the One Health approach in Uganda. A founder member of One Health Central and Eastern Africa (OHCEA) (now AFROHUN), Prof. Kabasa

has promoted institutionalization of OH training at Makerere University. He is the Director of the AFROHUN OHWA, the new platform on which training, research and outreach programs at AFROHUN are being mounted and delivered.

AFR SEC 6: AFROHUN Secretariat's OH Champion — Professor John David Kabasa. Photo source: AFROHUN Secretariat.

# SUCCESS STORY



## Team Kenya takes initiative to build sustainable partnerships

AFROHUN is by design a multi-disciplinary partnership of diverse institutions across Africa. Partnering skills among AFROHUN staff are deemed important for achieving network mandate. In addition, competent teams at the AFROHUN Secretariat and country levels are key to developing and maintaining diverse partnerships necessary for institutional sustainability.

With support from USAID through the OHW-NG Project, AFROHUN staff attended a tailored “partnership training series” facilitated by experts from TPI. Team Kenya comprised of Ms. Diana Muta, the Country Administrator, and Mr. Sam Wanjohi, the Country Manager, received TPI certificates in partnering practice after successfully completing the training. Team Kenya immediately put to use the knowledge they gained during this training and have demonstrated exceptional progress in the application of this knowledge in fostering partnership initiatives.

*“Before the training, my knowledge of partnerships was limited to engagements where partners came together at one point in time, engaged to deliver on the objective at hand and went their separate ways afterwards. However, the training shed light on partnerships being about relationships building. Subsequently, we started engaging partners strategically in high impact activities that would interest them in continuing well into the future. For example, we engaged a local NGO as a partner in an activity that involved sensitizing teachers. They brought their experience and sponsored a team to the training. The local NGO gave indications to continue training teachers in other areas they have a presence in and would wish to do the same with AFROHUN”*

**Sam Wanjohi – AFROHUN Kenya  
Country Manager**

*“As an individual , I have come to grow interest in partnering practice. It is one area that you constantly grow as you learn. I am now more aware of my relationships at a personal level and in the workplace. It is literary about building the plane as you fly it as depicted in one of our classes. Nothing has been more real and applicable to me than this training has been since I attended the program. I now have a better understanding of where and where I aspire to be.”* **Diana Muta Njambi – AFROHUN Kenya Administrator**

The training was designed for the technical staff from the secretariat and partner countries. However, other staff members who showed interest were invited to join the virtual training. Diana Muta the Kenya Country Administrator was among the administrative staff that showed interest. With enthusiasm, she actively participated in the training and was among the first participants to qualify for a certificate having successfully completed an individual self-reflective learning essay. With this knowledge and enthusiasm she has gone beyond her administrative roles to actively support partnership engagements.

AFROHUN Kenya is a recognized OH player that contributes to national and county government OH processes. The team’s enhanced capability will go beyond AFROHUN with potentially broader impacts to national processes. Kenya was one of the nine AFROHUN member countries whose staff underwent partnership training.

# CAMEROON



## Dashboard Overview of Year 3



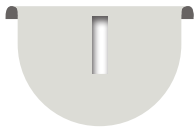
## HIGHLIGHTS



- ➔ Conducted an advocacy meeting to institutionalize antimicrobial resistance (AMR) training, resulting in University of Buea's Senate approval to launch the program (November 2021).
- ➔ Supported the National Programme for the Control and Prevention of Emerging and Re-emerging Zoonoses (PNPLZER) to organize a *Global Health Case Competition (GHCC)* for women

working with civil society organizations across Cameroon, culminating into the creation of a One Health (OH) network of Cameroonian civil society (November 2021).

# ACTIVITIES



## OBJECTIVE 1

---

AFROHUN Cameroon supported the country to develop a post-graduate course on AMR, adapted from the in-service training curriculum. In order to institutionalize training of this course, we organized meetings with key stakeholders resulting in the Senate of University of Buea approving its faculty of Health Sciences to host and launch the program (CRN Activity 1.1.5). The program will commence during the academic year 2022 / 2023 as a two-year Master's program.



## OBJECTIVE 2

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Under OH workforce assessment and tracking, AFROHUN Cameroon planned to assess faculty competencies in Risk Communication and Community Engagement (RCCE), and also strengthen university capacities in One Health concepts and core competencies. Implementation of these activities is ongoing and will be completed in the next quarter.

## OBJECTIVE 3

Activities implemented in Year 2 by AFROHUN Cameroon, such as the GHCC and the Small Grants initiative, were included in the action plan of PNPLZER, which is the National One Health Platform for Cameroon. Thus, PNPLZER requested for AFROHUN's support to organize a GHCC of Civil Society (CRN Activity 3.1.7) which culminated in the formation of a OH network of Cameroonian civil society which will promote OH among

women and the minorities. More details on this activity can be found in our success story on page **AFR-22**. The partnership between AFROHUN and PNPLZER has also led to PNPLZER agreeing to award two scholarships to Master's students from AFROHUN member Universities to conduct research related to OH and zoonoses. This collaboration allows for the sustainability of the activities that AFROHUN is implementing in Cameroon.



CRN 1: Participants at the capacity building workshop for SOHIC and other leaders at Universite des Montagnes. Photo source: AFROHUN Cameroon.



CRN 2: Student leader from University of Douala receiving a certificate of participation from the Country Manager. Photo source: AFROHUN Cameroon.





## LESSONS LEARNED

### Partnership and collaboration promotes visibility and better use of resources

For several years, AFROHUN Cameroon has been working alongside partners, including government actors, partners implementing the Global Health Security Agenda (GHSA). This collaboration has enabled partners to pool their efforts in areas of common interest, such as combatting the spread of zoonoses and strengthening systems and infrastructure to address global health security in Cameroon. This pooling makes the actions of the different partners more visible and sustainable and above all, allows for

an objective and rational mobilization of resources for common purposes. One barrier to AFROHUN Cameroon's visibility among partners implementing the GHSA has been the office's distance from the capital city, Yaounde, where almost all other partners are located.

Therefore, AFROHUN Cameroon has relied upon online tools and strong remote communication and coordination to remain active and visible to the satisfaction of its partners.



## NEXT STEPS

Many activities for Year 3 are underway, and by end of April 2022. AFROHUN Cameroon will continue collaborating with the governmental partners for the sustainability of future activities. Among these, we shall develop a short course for biosafety and biosecurity; and a OH training manual that is multidisciplinary and multisectoral.







# ONE HEALTH CHAMPION



## DIBONGUE ELSA

### Job Title

Deputy Permanent Secretary of the National One Health platform in Cameroon.

### Professional Credentials

MSc

### Role within the OHW-NG Project

Partner

### Affiliation

National One Health platform in Cameroon.



*“Global problems require a global approach to be solved. The One Health approach seems to be the solution.”*



## INDIVIDUAL'S IMPACT

In 2012, Elsa contributed to the development of the National One Health approach strategy and has advanced the approach to-date through coordination and communication of activities, advocacy and policy making. As the Deputy Permanent Secretary of the National One Health platform, a position she has held since 2014, she has contributed greatly in so many ways in the promotion of One Health in Cameroon including; strengthening capacities of the stakeholders at different levels on the principles of the One Health approach; readily defining roles and responsibilities of the various One

Health stakeholders for both existing and the new recruits. Throughout the course of her career, she ensures all stakeholders of the National One Health platform appropriate this approach, to bring all stakeholders onboard for a continuous and sustainable multisectoral collaboration to balance and sustainably optimize the health of people, animals and ecosystems. Not only does she collaborate with the national stakeholders but equally with international entities. Her desire is to have the National One Health Platform in Cameroon lead in Africa and serve as a reference for others to learn from.

CRN 3: Cameroon's OH Champion — Dibongue Elsa. Photo source: AFROHUN Cameroon.

# SUCCESS STORY



## Engagement of women's civil society for a better appropriation of the One Health Concept

AFROHUN Cameroon has been organizing GHCC as one of the strategies to promote OH learning among pre-service learners. In implementing the GHCC, AFROHUN has been partnering with PNPLZER, which was created in 2012 to serve as a national platform that promotes OH approaches throughout Cameroon. The GHCC has enabled students to develop innovative solutions to public health problems and was commended by PNPLZER.

In November 2021, PNPLZER requested AFROHUN Cameroon's support to organize a GHCC for women in civil society as part of the OH Day celebration. AFROHUN's contribution included developing the case study that was used during the competition, orienting the women that participated in the competition, and training the mentors for the participating teams. Eight teams from women's civil society participated in the competition. The competition was conducted in two phases where the first focused on food security relating to AMR issues and the second on health security

issues. The innovations that came from the teams were beneficial and provided practical answers to food and health security issues following a OH approach. The competition was helpful in enabling participants to appreciate the value of OH in addressing complex challenges.

*"This competition has enabled us to understand that we have a lot in us; and since the preparation and competition periods, we have understood the need for the One Health approach in the prevention of and response to health problems"* - **Mrs Germaine Etoundi, president of the EcoBio women's civil society team**

Arising from lessons learned from partnering with AFROHUN Cameroon, PNPLZER, with support from AFROHUN, was able to build the capacity of civil society in OH in diverse regions of the country. From this activity, the OH network of Cameroonian civil society was born. This network will be instrumental in promoting OH among women and minorities.



# SUPPLEMENTAL FUNDING: ARPA (Cameroon RCCE)

## Improving COVID-19 risk communication, advocacy, and community engagement in universities and their neighboring communities

### Activity Description

The project is contributing to improved COVID-19 risk communication in Cameroon through advocacy and community engagement. To achieve this, a series of activities are taking place. These activities are:

- ➔ Training Student One Health Innovation Clubs (SOHICs) and other university clubs on COVID-19 RCCE, including addressing misinformation and sharing accurate information on COVID-19 risk reduction measures (including vaccination) within the university and surrounding communities.
- ➔ Further strengthening the current university capacity in e-learning for improving virtual instruction capabilities and engaging the university community to enhance awareness on COVID-19 risk reduction measures.
- ➔ Training journalists in RCCE for improved reporting on COVID-19, including the vaccination campaigns for broader reach across Cameroon.



CRN 4: Participants from Cameroon and the AFROHUN Secretariat at the launch of ARPA project in Douala. Photo source: AFROHUN Cameroon.

## Highlights

- Engaged Government officials, the One Health platform, and university staff and partners to strategize on the implementation of the project.
- Trained 151 (84 males, 67 females) SOHIC members and leaders of other clubs on RCCE for COVID-19 and COVID-19 vaccination awareness.
- Adapted the COVID-19 RCCE tools developed under Tranche-3 (Cameroon e-learning) to the current context by adding aspects related to vaccination and countering misinformation.



CRN 5: Student leader from Universite des Montagnes receiving a certificate of participant from AFROHUN Country Manager. Photo source: AFROHUN Cameroon.



CRN 6: Officials at the launch of ARPA. Photo source: AFROHUN Cameroon.





## SUCCESS STORY

### Changing students' mindsets through RCCE training

Auriane Mateu Talla is a student pursuing a Masters' degree in Public Health from University of Douala. She had never been exposed to any training on community engagement and felt she did not have any role to play in engaging communities for better health. In March 2022, Auriane received training on RCCE organized by AFROHUN Cameroon with funding from USAID's ARPA program. The training was intended to strengthen capacity of student club leaders in developing awareness campaigns for universities and surrounding communities.

*"This is the first time I am taking part in such a training. Before taking this course on the One Health concept, Risk communication and Community Engagement, I felt fine being in my comfort zone"* - **Auriane Mateu Talla**, University of Douala, Master in Public Health student

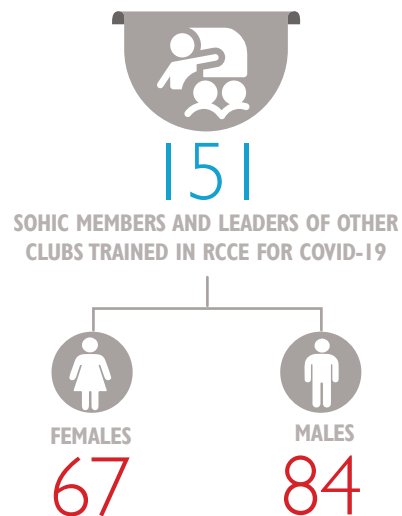
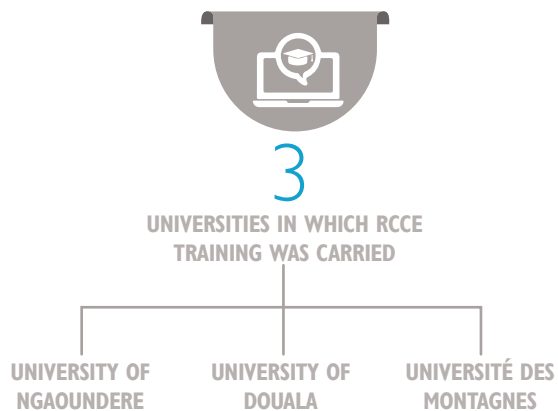
This training did not only strengthen Auriane's capacity in risk communication, but also changed her attitude on her role in addressing health challenges within her community.

*"After taking this course, I have gained knowledge and my way of thinking has changed. I now realize that I can be a more active member of the society which without this training, I would have been thinking change can only come from others whereas I can also contribute to change in the society. I realized that I should not stay in my comfort zone because there are many things I can do to bring change in the society"* - **Auriane Mateu Talla**, University of Douala, Master in Public Health student

Auriane is one out of 151 students who were trained on RCCE for COVID-19 from three Universities in Cameroon. This training also included topics on COVID-19 vaccination awareness. The trained students are eager to conduct COVID-19 vaccination and RCCE campaigns as testimony from one of the participants indicates.

*"I gained a lot of knowledge on practical steps in carrying out a risk communication in the community. I really look forward to putting these skills acquired into practice during COVID-19 vaccination campaigns on campus"* - **Djongang Manuella Sandra**, Clinical Biology student at University of Douala

# SUPPLEMENTAL FUNDING DASHBOARD

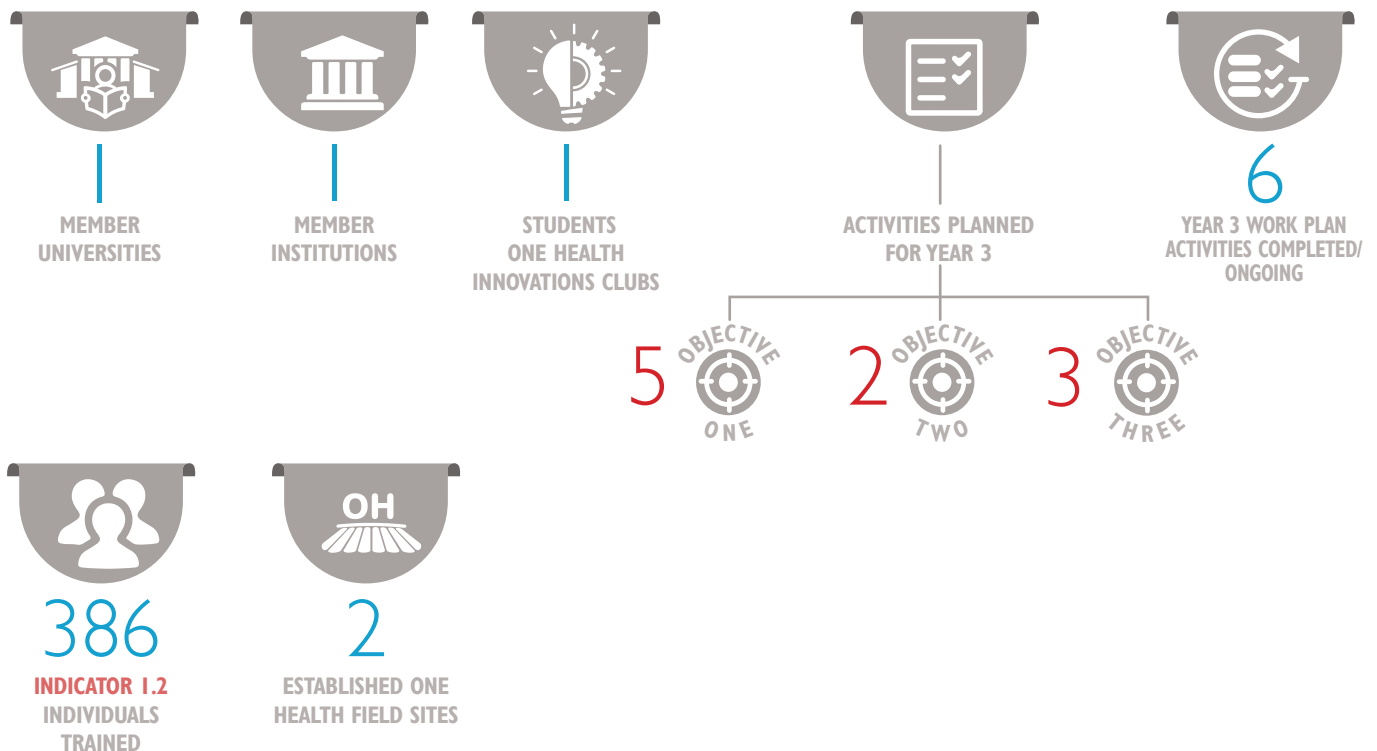




# CÔTE D'IVOIRE



## Dashboard Overview of Year 3



## HIGHLIGHTS



- ➔ Collaborated with a USAID partner Breakthrough Action (BA), a USAID partner, to train 357 students from three Universities on the One Health (OH) concept, rabies, antimicrobial resistance (AMR) and COVID -19 (November to December 2021).
- ➔ Organized OH Day festivities in collaboration with the national OH platform and other Global Health Security (GHS) partners, with 93 participants attending in person (November 2021).
- ➔ Trained 29 in-service professionals and faculty, including Deans from two Universities and two affiliated colleges for human and animal health sectors. (January 2022).
- ➔ Validated a report on OH human and infrastructural resources that are available in the public sector in Cote d'Ivoire (March 2022).

# ACTIVITIES



## OBJECTIVE I

During Year 2 of the OHW-NG Project, we conducted a situational analysis of the OH training opportunities available at Université Félix-Houphouët-Boigny (UFHB) and its affiliated training institutions. (CDI Activity 1.1.5). Findings from the situational analysis showed that training modules on the OH approach were lacking within the University curricula. Thus, AFROHUN Côte d'Ivoire organized a training workshop on domains for expanding multidisciplinary OH competencies that benefitted 29 participants, including faculty and in-service professionals (CDI Activity 1.2.4). The training was conducted with support of experts from UC-Davis and covered topics that included the history of the OH approach, systems thinking, problem-

based learning, and the involvement of multisectoral and multidisciplinary resources in the management of public health events. Following this training, participants were enthusiastic about introducing OH competencies into their courses and expressed eagerness to participate in the OHW-NG project.

Additionally, AFROHUN Côte d'Ivoire collaborated with BA to train 357 students from three Universities (Korhogo, Bouaké, Yamoussokro) on the OH concept, rabies, AMR and COVID-19 (CDI Activity 1.2.6). This activity helped to build students' capacity in Risk Communication and Community Engagement during a health crisis.



CD 1: CDI-OHW-NG Global team member supports participant during OH training. Photo source: AFROHUN Côte d'Ivoire.



CD 2 Dean School of Health Sciences addressing participants during OH training. Photo source: AFROHUN Côte d'Ivoire.

2

## OBJECTIVE 2

During Year 2, AFOHUN Côte d'Ivoire conducted a OH resources mapping exercise in which data were collected on human and infrastructural resources of the OH approach in Côte d'Ivoire. The purpose of this activity was to obtain data that would eventually allow the development of a map of all the human and infrastructural resources involved

in the OH approach. The subsequent report was validated in a workshop during the reporting period (CDI Activity 2.3.4). The results showed that there are 49,645 active government employees, 1,690 trainers and 18,408 students in the various training structures (human, animal and environmental health) for all the key ministries.



CD 3: OH Day participants. Photo source: AFROHUN Côte d'Ivoire.



CD 4 Participant taking notes in a group activity during the OH training. Photo source: AFROHUN Côte d'Ivoire.



## OBJECTIVE 3

We participated in a workshop organized by the International Health Regulation (IHR) Focal Point to support the operationalization of the OH Platform at the national level for a better management of public health events (CDI Activity 3.2.3). AFROHUN Côte d'Ivoire organized events namely; an inaugural conference

and round table talks to commemorate the OH day with 93 participants. The commemoration was held at UFHB under the theme *"Health security in Côte d'Ivoire depends on the availability and competence of human resources trained according to the OH approach"*.



CD 5 Group work during the OH training. Photo source: AFROHUN Côte d'Ivoire.



CD 6: Participants at the OH training. Photo source: AFROHUN Côte d'Ivoire.



## LESSONS LEARNED

### Good practice in organizing a workshop during the COVID-19

In January 2022, when we organized the training workshop on the OH approach for faculty, Côte d'Ivoire was experiencing a third wave of COVID-19. In order to minimize the chances for infection during a face-to-face workshop, we had to think carefully about the choice of the venue and the practical organization, while respecting the necessary safety measures. For the venue, we opted for a large room for the plenary meetings, respecting social distancing among participants and an open space for the meals. For personal protection, we prepared packages for each participant, including a bottle of sanitizer and face masks. The measures put in place ensured the safety of all the participants, which earned praise

of AFROHUN Côte d'Ivoire from the workshop participants. Based on these same principles of high priority safety, the leadership of UFHB's communication service adopted a similar approach while organizing a workshop a few weeks later. The person in charge, Mrs. Binlin Viviane, told us that the Secretary General of the University Presidency congratulated her for the good organization with excellent safety measures, to which she answered "I learned this from AFROHUN and I am AFROHUN now". The lesson learned is that while most of the time our focus is on results achieved, the process that we go through to achieve the results is equally important and needs to be well documented.



## NEXT STEPS

During the third and fourth quarters of Year 2, AFROHUN Côte d'Ivoire will expand its activities with students. In collaboration with the Veterinary Services and the Global Alliance for Rabies Control, we shall hold a series of rabies trainings for graduating students who will start working as health workers in the different health structures of the country. These trainings will be organized at the UFHB, Institut National de Formation des Agents de Santé, and Ecole De Spécialisation En Elevage Des Métiers De La Viande – Bingerville (ESEMVB) with the goal of having 150 students obtain rabies training certificates. The second activity will concern the establishment of OH clubs in

the two public universities of Abidjan. Two professors who benefited from the training on the OH approach in January 2022 have been identified as Thematic and Activity Leads.







# ONE HEALTH CHAMPION



## KOUASSI M'BENGUE ALPHONSINE

### Job Title

Vice Dean of the Medical Sciences Training and Research Unit (Unité de Formation et de Recherche Sciences Médicales) at Université Félix Houphouët Boigny (UFHB).

### Professional Credentials

Associate Professor

### Role within the OHW-NG Project

Thematic lead for Curriculum, course strengthening, program development and delivery

### Affiliation

Unité de Formation et de Recherche Sciences Médicales UFHB.



*“We are committed to revising our educational models since 2016. The One Health approach is an opportunity to perfect our models by allowing us to work with other Training and Research Units because it will facilitate building bridges for UFHB students.”*



## INDIVIDUAL'S IMPACT

Prof. Kouassi Alphonsine is the thematic lead for the curricula theme with the AFROHUN CDI team. As Vice Dean, she actively contributes to the implementation of all activities of the OHW-NG project. For the faculty training activity on the OH approach, she was the moderator of the training. With her very dynamic facilitation skills, Prof Kouassi engaged the active participation of the learners, which resulted in creative brainstorming on next steps for OH curricula development and ways to proactively address OH gaps and barriers in OH implementation in CDI.

CD 7: Côte d'Ivoire's OH Champion — Kouassi M' Bengue Alphonsine. Photo source: AFROHUN Côte d'Ivoire.

# SUCCESS STORY



## Taking the right steps towards One Health training of Veterinary technicians in Côte d'Ivoire

Dr. Achi Louise is a Veterinarian and the Director of School of Specialization in Livestock and Meat Trades of Bingerville (ESEMVB). ESEMVB is the only school in Côte d'Ivoire that trains veterinary technicians to attain a Level 3 diploma. This school participates in OHW-NG project activities as an affiliated training institution of UFHB. Last year, AFROHUN CDI conducted a situational analysis of One Health trainings in 12 targeted training institutions. The results of this assessment indicated that ESEMVB did not have OH competencies integrated into its curriculum, so AFROHUN CDI began prioritizing how to expand OH curriculum within participating universities through multisectoral training and interdepartmental engagement of universities across CDI.

In January 2022, AFROHUN CDI organized an introductory workshop to the One Health approach which was attended by multidisciplinary participants from UFHB, University of

Nandjui Abrougoua, affiliated training institutions of UFHB, Ministry of Health, the Department of Veterinary Services, and the Ministry in charge of Human Resources of the Public Administration. At the end of the training, Dr. Achi Louise, along with other participants, committed to introduce the OH approach into the training programs of her school for the 2022 – 2023 academic year. Efforts towards institutionalizing OH into training programs are now under way. Following the training, she designated a faculty, Mr. Djaah Georges, as the OH Focal Point in the school. Since then, he has been participating in activities related to OH in his university and used the knowledge gained to develop training plan on OH for ESEMVB students.

*"The training on the OH approach is an opportunity for our students to be equipped with skills in management of zoonotic diseases, especially rabies, which veterinary technicians are confronted with in their daily work"* **Dr Achi Yaba Louise epse Atse - Directeur de ESEMVB**



# SUPPLEMENTAL FUNDING: ARPA CN#164 (Cote d'Ivoire COVID-19 vaccinations)

**Reduce COVID-19 morbidity and mortality through accelerated equitable access to and delivery of safe and effective vaccines**

## Activity Description

Vaccination is one of the most effective ways to reduce the spread of COVID-19. To limit transmission and reduce morbidity and mortality from COVID-19, Côte d'Ivoire has decided to adopt vaccination as a means of preventing the pandemic. Since the launch of the COVID-19 vaccination program, there has been some vaccine hesitancy at the university, especially among teaching staff. The American Rescue Plan Act (ARPA) program supports two objectives: (i) to accelerate widespread and equitable access to safe and effective COVID-19 vaccine delivery and (ii) to reduce COVID-19 morbidity and mortality, mitigate transmission, and strengthen health systems, particularly to prevent, detect, and respond to pandemic threats. In collaboration with key partners such as: Ministry of Health, Ministry of Education, UFHB, Université Nangui Ambrogoua, Institut National de Formation des Agents de Santé, and École Nationale de Statistiques Appliquées, AFROHUN CDI is working with professional and student associations of the university community, to conduct awareness and training activities to increase the rate of immunization in the university campuses through the ARPA project.

## Highlights

- ➔ Set up a working committee of 12 people, including Thematic Leads and Activity Leads, that is responsible for implementation of ARPA project activities.
- ➔ Conducted a stakeholders' meeting of 20 participants to orient them on the project and thereby realizing buy-in from members of the University management committee, the Deans of the different training and research units, and members of the national COVID-19 immunization committee.
- ➔ Conducted a survey covering 338 faculty, students, associations and unions, and technical / administrative staff that helped us to understand that the low vaccination rate among university communities was related to a lack of reassuring communication on the quality and safety of the vaccines.

# SUPPLEMENTAL FUNDING DASHBOARD



338

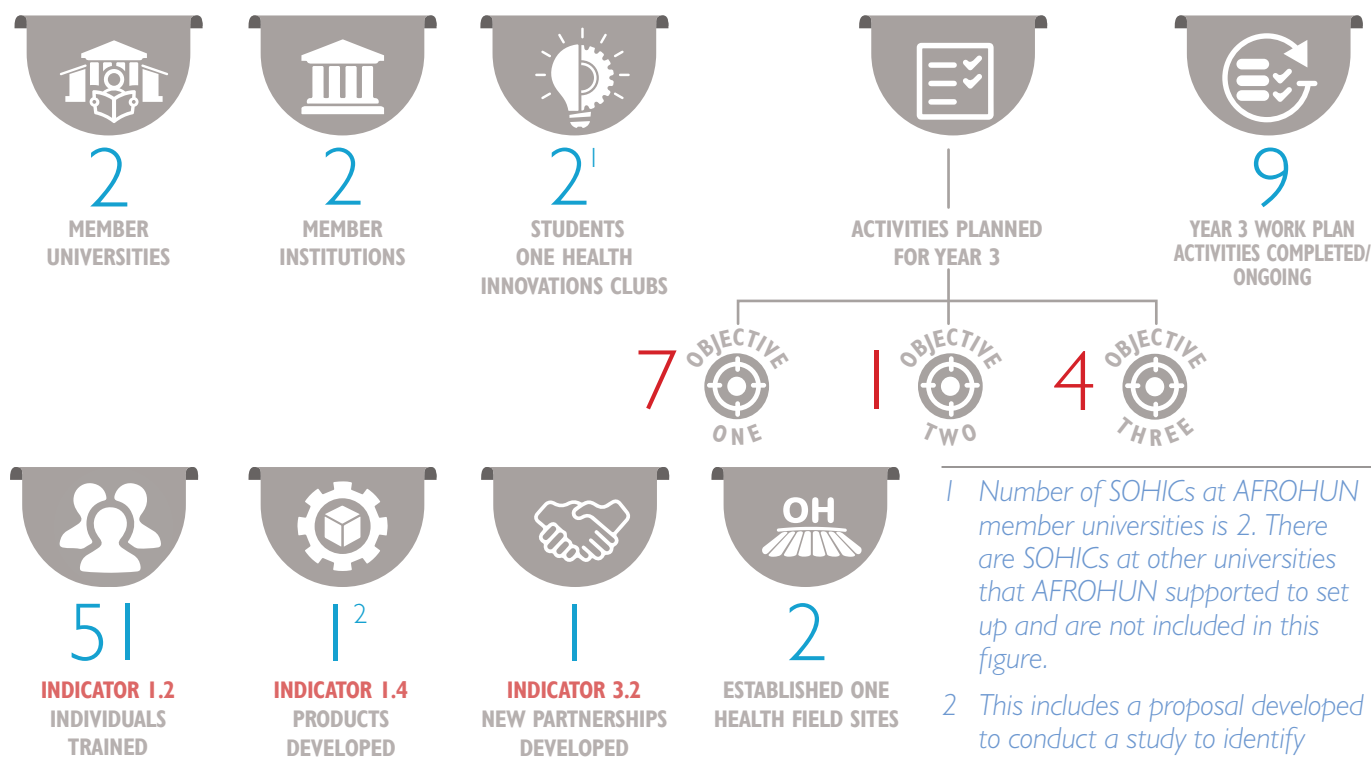
FACULTY, STUDENTS, AND STAFF SURVEYED  
TO UNDERSTAND WHY VACCINATION RATES  
AMONG FACULTY WAS LOW.



# DRC



## Dashboard Overview of Year 3



<sup>1</sup> Number of SOHICs at AFROHUN member universities is 2. There are SOHICs at other universities that AFROHUN supported to set up and are not included in this figure.

<sup>2</sup> This includes a proposal developed to conduct a study to identify gender gaps

## HIGHLIGHTS



- ➔ Fifty one students from University of Kinshasa (UNIKIN) and University of Lubumbashi (UNILU) conducted a rabies sensitization campaign, reaching approximately 100,000 people (January to March 2022).
- ➔ Successfully launched the One Health (OH) Strategic Plan developed during Year 2 (November 2021).
- ➔ Reviewed the Territory Administrators' training module developed in 2016 to include Risk Communication and Community Engagement (RCCE) and partnership engagement (February 2022).
- ➔ Established a Student One Health Innovations Club (SOHIC) at the Université Catholique de Graben de Butembo, with more than 100 members (February 2022).

# ACTIVITIES



## OBJECTIVE I

AFROHUN DRC focused on reviewing the existing training content developed more than five years ago, updating with details on SOHIC strengthening and community outreach. Thus, the Territory Administrators training module was reviewed and expanded to include RCCE and partnership engagement (CD Activity 1.1.5). This reviewed and validated module will be integrated into the training curriculum used at the National Territory Administrators' School. AFROHUN DRC also reviewed the pre-service students' training module on Infectious Disease Management (IDM) and updated the module to include RCCE, partnership engagement, and gender (CD Activity 1.1.6).

As part of expanding OH activities beyond the AFROHUN member institutions, we supported the Catholic University of Graben in Butembo to establish a SOHIC. The club has more than 100 members,

and it is the first OH club in the Eastern region of DRC. In addition, we conducted sensitization meetings on OH topics such as emerging infectious diseases, rabies and AMR to strengthen existing SOHICs at UNIKIN and UNILU (CD Activity 1.4.3). Fifty one multi-disciplinary SOHIC members from UNIKIN and UNILU completed training on rabies. The students then conducted a rabies sensitization campaign, reaching more than 100,000 people and vaccinating 350 dogs in Kinshasa and Lubumbashi.

During Year 2, AFROHUN DRC supported the National One Health Platform to develop the OH Strategic Plan. AFROHUN continued supporting these efforts in Year 3 resulting in the official launch of the plan during the OH day celebrations (CD Activity 1.5.3). This plan will support institutionalization of OH activities in the country.



DRC I: A SOHIC member interacting with community members at N'sele during the field demonstration site attachment. Photo source: AFROHUN DRC.





DRC 2: Training of SOHIC on disease surveillance and OH by Prof Prince Kimpanga at N'sele Health zone office. Photo source: AFROHUN DRC.



DRC3: SOHIC members discussing how to improve risk communication and community engagement during the field demonstration site attachment. Photo source: AFROHUN DRC.



DRC 4: A SOHIC member during hand-washing exercise at the field demonstration site at N'sele health zone office. Photo source: AFROHUN DRC.



DRC 5: Participants at a training on rabies control conducted at KSPH. Photo source: AFROHUN DRC.



DRC 6: Participant receiving a certificate of participation in the field demonstration site conducted at N'sele health zone. Photo source: AFROHUN DRC.



DRC 7: Group work during rabies control training at the field demonstration site at N'sele health zone office. Photo source: AFROHUN DRC.





DRC 8: Participants at a rabies control training conducted at KSPH. Photo source: AFROHUN DRC.



DRC 9: AFROHUN DRC Country Manager with DRC's Vice Minister of Interior of during the singing of the National Anthem at the validation of the Territory Administrators' training module. Photo source: AFROHUN DRC.



DRC 10: A SOHIC member during hand-washing exercise during the field demonstration site at N'sele health zone office. Photo source: AFROHUN DRC.



DRC 11: Participant receiving a certificate of participation at the field demonstration site at N'sele health zone. Photo source: AFROHUN DRC.



2

## OBJECTIVE 2

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AFROHUN DRC conducted an evaluation of the IDM training module that was developed more than 5 years ago (CD Activity 2.1.7). The evaluation involved collecting alumni's views on the training. All the alumni acknowledged that the training was very helpful, with leadership being featured as the most commonly used OH competency. Arising from findings of the evaluation, the training module was expanded to include RCCE, partnership engagement, and gender.

3

## OBJECTIVE 3

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To learn from activity implementation, we organized performance review meetings attended by Deans, Thematic Leads, and Activity Leads. The meetings helped to assess progress made and the challenges encountered during activity implementation (CD Activity 3.1.5). With support from the OHW-NG Global team, we developed a gender gap identification

study protocol, and submitted it to the ethical committee at the Kinshasa School of Public Health (KSPH) for Institutional Review Board clearance (CD Activity 3.4.40). The results of this study will help inform strategies to improve women's access to the Master of Public Health (MPH) program.



## LESSONS LEARNED

### Obtaining dog vaccines against rabies through strong partnership with the National OH platform

During Year 3, AFROHUN DRC planned a rabies sensitization and vaccination campaign. As OHW-NG project funds cannot be used to purchase rabies vaccines, a long standing collaboration with the government through the National One Health Platform helped us to secure up to 300 doses of rabies vaccine used during the sensitization campaign. Partnering with the National OH Platform also helped

to advance the AFROHUN agenda and to implement the OHW-NG project. Despite not being able to purchase vaccines, AFROHUN DRC smoothly implemented the rabies sensitization activity which led to great achievements as a result of the close collaboration with the National OH platform.



## NEXT STEPS

AFROHUN DRC will build on pre-service students reviewed training module to train pre-service students on IDM and AMR. More in-service professionals coming from the human, animal and environmental health sectors will be engaged through establishment of conversation space based on emerging infections and AMR. The gender gap study will be conducted to identify key factors inhibiting female students access to higher education, specifically to the Master's program at KSPH (UNIKIN). The results will be shared with KSPH and partners. We will also follow-up on the OH integration process with KSPH.

NEXT STEPS



DRC

# ONE HEALTH CHAMPION

## DIDIER MULOLO KANYIMBU

### Job Title

Inspector Chief of Service

### Professional Credentials

BSc.

### Role within the OHW-NG Project

Activity lead – Territorial Administrators training

### Affiliation

Territory Administrators' Division, Ministry of the Interior



*“The One Health approach is today in our country, and particularly for Territory Administrators, an important strategy and tool for better coordination of actions related to the prevention and response to health and many other emergencies.”*



### Individual's Impact

Since 2015, Mr. Mulolo has coordinated and contributed to the development of the Territory Administrators training module and supported the review of the training module in Year 3 and its integration in the Territory Administrators training curriculum. Passionate about One Health, Mr. Mulolo serves as activity lead and focal person at the Ministry of the Interior for this training and for its sustainability.

DRC 12: DRC's OH Champion — Didier Mulolo Kanyimbu. Photo source: AFROHUN DRC.

# SUCCESS STORY



## Applying One Health leadership skills to respond to the COVID-19 pandemic

Territorial Administrators are key governmental personnel working to provide leadership and oversight for implementation of the government's vision at the subnational level. They are responsible for health, security, and wellbeing of people in their respective regions. Despite their involvement in responding to health emergencies, they do not receive any formal training in this area. This is problematic because DRC is increasingly confronted with epidemics and natural disasters exacerbated by poor preparedness of key actors, weakness in coordination and communication, and inadequate community commitment. Capacity strengthening of the territorial teams is a priority of the Ministry of Interior and is set out in the roadmap of the General Inspectorate of Territorial agents.

Since 2016, AFROHUN supported the Ministry of Interior and brought on board multidisciplinary experts to develop a training module on One Health leadership in early detection and response to health emergencies. Since then, trainings have been conducted in two provinces, benefiting more than 200 Territorial Administrators and their

technical staff. During these trainings, territorial teams created contingency plans for pandemic response. Following the COVID-19 pandemic, the territorial teams used their contingency plans to manage the pandemic. The training enabled territorial authorities to effectively lead and coordinate during the prevention, response, and recovery phases.

*“After this training, back to my territory, I was able to map the risk of health emergencies in my region. Together with communities, church leaders and technical staff we developed a contingency plan to mitigate the priority risks. When the COVID-19 came, I worked with the same team to respond, the community was at the center of all our activities.”* **A territory administrator** said

During year 3 of the OHW-NG project, AFROHUN DRC worked with various partners to review the module and have it included in the territory administrators' training curriculum. This will ensure sustainability of this valuable training and many other Territorial Administrators will benefit from it.





DRC

# SUPPLEMENTAL FUNDING: DRC KSPH MPH Scholarships

## Strengthening the pipeline of DRC One Health professionals

### Activity Description

During Year 2, the USAID health office in DRC engaged AFROHUN and the OHW-NG Global Consortium to assist the Kinshasa School of Public Health (KSPH), an AFROHUN member institution, with the administration of their scholarship program and integration of One Health (OH) into the program's curriculum. The objective of this program is to strengthen the pipeline of One Health professionals in DRC. Under this program which targets in-service professionals working within the Ministry of Health & Ministry of Animal Health, full scholarships for Master of Public Health (MPH) at KSPH for over a period of 3 years were planned for 60 students. The DRC AFROHUN country office worked closely with KSPH's leadership and supported the program's administration to recruit the first cohort of 30 scholarship recipients. The support to the administration will continue through to graduation of the students. This first cohort is expected to graduate in July 2022.

In Year 3, AFROHUN DRC worked closely with KSPH's leadership to support the program's administration in recruiting the second cohort of 30 scholarship recipients, Nineteen male candidates and 11 female candidates were selected. Unfortunately, there was a gender imbalance among applicants, with only 26% of the applicants being female. To understand this gap, we are conducting a study to identify barriers for access to higher education. Sociocultural norms have been indicated as factors limiting access to higher education in the DRC context. This study will help us to have an in-depth understanding of factors associated to gender inequality in access the MPH program. AFROHUN is continuing to provide technical assistance and supervision in financial management to ensure compliance with rules and regulations.

### Highlights

- AFROHUN DRC supported the recruitment of the second cohort of 30 students (20 for the community health track and 10 for the health economics track) for the MPH scholarship program. Eleven of the recruited students were females.
- Ongoing assistance on programmatic management of the MPH scholarship program, including monitoring and evaluation, reporting, and financial management, is being provided to KSPH.
- A gender gap study proposal was developed and obtained approval from the ethical review board. Data collection is expected to take place during the month of April.



## SUCCESS STORY

### Supporting career advancement for government officials

After working for a long time as a clinician, Dr. Bienvenu Ikomo was appointed as manager of the Lotumbe health zone in the Equateur province, where he worked for nearly five years serving more than one hundred thousand inhabitants. Even though he was coordinating health activities in the health zone, Dr. Ikomo still had knowledge gaps and was looking for opportunities to advance his career. In 2020, he decided to apply for a master's degree in public health at the KSPH. This was a very challenging decision for Dr. Ikomo because he could not afford the cost of a such a competitive program. When he heard from a colleague that USAID offers scholarship opportunities for professionals working for the Ministry under the health system development pilar, he was very excited.

In 2020, Dr. Ikomo successfully applied for a full scholarship program funded by USAID through AFROHUN DRC. The scholarship helped him to spend 15 months at KSPH, engaged with field activities at different levels of the health system. Following the successful completion of the first level of his master's program in February 2022, Dr. Ikomo was promoted as the Head of the Equateur Health Division a month later. This position will help him to use the acquired knowledge and skills to address health challenges in the Equateur province which is often hit by Ebola outbreaks. Dr. Ikomo was one of 30 government employees that benefitted from the scholarship program.

*“The scholarship helped me a lot as it gave me an opportunity to be trained by experts in public health in the country. I gained practical skills. With the knowledge and expertise acquired, I’m sure that I will certainly contribute to the improvement of the health system in my province”.* **Dr Bienvenu IKOMO**

# SUPPLEMENTAL FUNDING DASHBOARD



30

SCHOLARSHIPS AWARDED



COMMUNITY  
HEALTH

20



HEALTH  
ECONOMICS

10



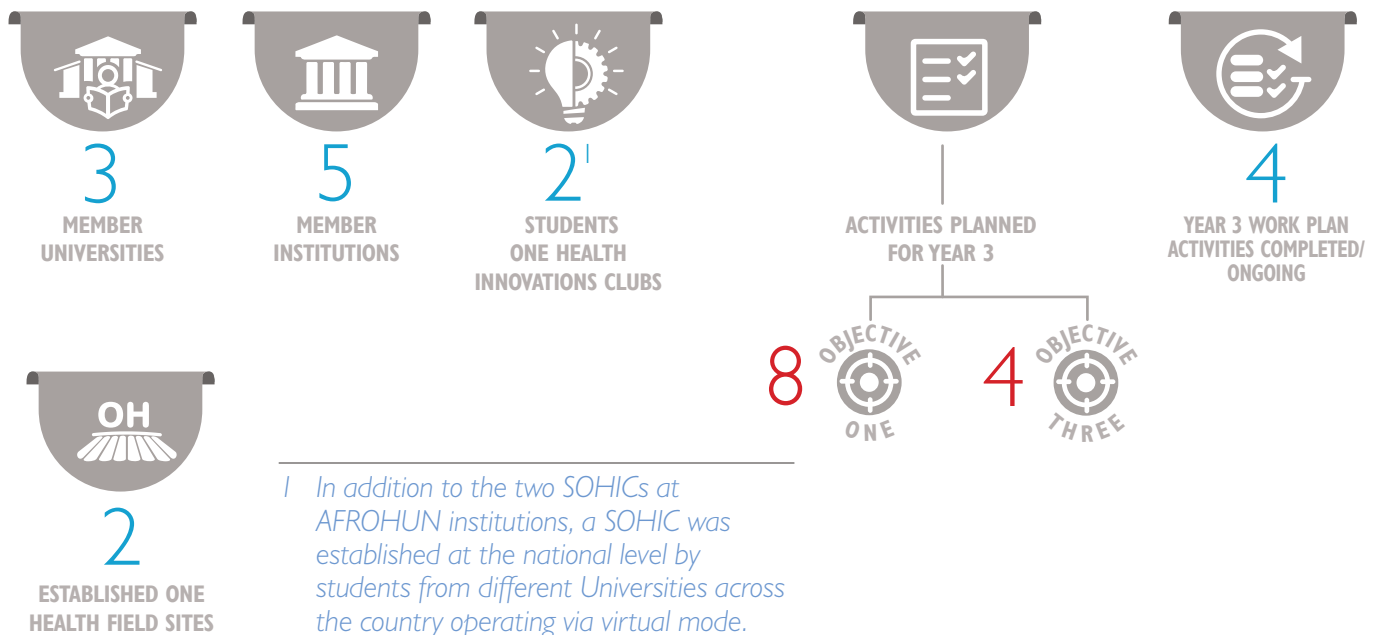
3

STUDENTS FROM THE FIRST COHORT  
PASSED THEIR EXAMS

# ETHIOPIA



## Dashboard Overview of Year 3



## HIGHLIGHTS



- ➔ Held the first round of One Health (OH) advocacy and sensitizations to members of the Ethiopian Student One Health Innovations Club (SOHIC) through virtual seminars and panel discussions (February 2022).
- ➔ Conducted the first performance review meeting enabling the country team, including Deans, to assess Year 3 performance and discuss the challenges faced during implementation of activities (January 2022).
- ➔ Attended various partner meetings thereby strengthening partnership and collaboration with Global Health Security Agenda (GHSA) and other partners (October 2021 to March 2022).
- ➔ Participated in alumni tracking initiated by the AFROHUN regional Secretariat, generating information that will be used to engage the alumni (February to March 2022).
- ➔ Held a Year 3 kick-off meeting enabling the key stakeholders in the implementation of activities in Ethiopia, to familiarize themselves with the planned activities and develop implementation schedules (November 2021).



# ACTIVITIES



## OBJECTIVE 1

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AFROHUN Ethiopia held the first round of OH advocacy and sensitizations virtually, bringing together SOHIC members from AFROHUN and non-AFROHUN member universities (ET Activity 1.4.2). The content for the sensitization was a blend of theoretical activities based on the selected global OH topics and Ethiopia SOHIC priorities. Participants gained knowledge on a variety of OH related areas.



## OBJECTIVE 2

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AFROHUN is a learning organization that strives to use evidence gathered from the implemented activities to inform future programs. Tracking alumni allows AFROHUN to generate evidence that informs the network's decisions on trainings offered and alumni engagement. AFROHUN Ethiopia is therefore participating in the AFROHUN Secretariat-led alumni tracking (AFR Activity 2.2.3). Data collection was completed at the end of the reporting period. Results from this exercise will be helpful in engaging the alumni to support OH work in Ethiopia.



## OBJECTIVE 3

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AFROHUN Ethiopia held a virtual kick-off meeting to plan for the implementation of OHW-NG Year 3 activities. The meeting was attended by AFROHUN member institutions, including Jimma University and Akililu Lemma Institute of Pathobiology at Addis Ababa University, as well as staff from the AFROHUN Secretariat. A key deliverable from this meeting were the Year 3 Activity implementation schedules.

Our first quarterly performance review meeting was attended by Deans, Thematic Leads and Activity Leads (ET Activity 3.2.1). This meeting offered the participants with an opportunity to learn from each other, share challenges, best practices and lessons learned during implementation of activities. Among the issues reviewed in the meeting, was the approved budget for Year 3. The funds that were allocated

to Mekelle University were analyzed to identify possible savings for reallocation to other priority activities to be implemented in Jimma and Addis Ababa. Using the budget re-allocated, Jimma University and Addis Ababa University will implement two activities namely: Conduct training on One Health risk analysis for in-service professionals and faculty members (ET Activity 1.1.6); and Conduct One Health advocacy and sensitization for Ethiopia SOHIC and beyond (ET Activity 1.4.2).

AFROHUN Ethiopia staff have participated in various meetings for GHSA and other partners such as the National OH steering committee (ET Activity 3.3.3). Some of the partners' meetings attended include: monthly GHSA meetings since October 2021; biweekly meeting with the USAID Mission; meeting to update Implementing

Partners on the situation in Ethiopia by the US Mission; the USAID Health Office IPs Data and Evidence Sharing Forum; and the One Health for One Planet Education-Transdisciplinary Initiative Africa Consortium Planning.

We continued using social media such as telegram to engage students in OH and make AFROHUN Ethiopia more visible. So far, more than 30 OH related issues and discussions have been shared on Ethiopia

SOHIC social media channels. OH topics discussed include awareness campaign, the importance and challenges of a OH approach, zoonotic diseases, the prioritized zoonotic diseases in Ethiopia, antimicrobial drug resistance in national and global context, common environmental health issues in Ethiopia, food safety and security, and the national OH strategic plan in Ethiopia.



ET 1: AFROHUN Country Manager presenting at GHSA partners meeting. Photo source: AFROHUN Ethiopia.



ET 2: Section of participants at a GHSA meeting. Photo source: AFROHUN Ethiopia.



## LESSONS LEARNED

### Expanding OH beyond AFROHUN member universities:

The monthly virtual OH advocacy and sensitization program, which is open to all persons in the country, is influencing many individuals and institutions to gain interest and join the OH advocacy program in Ethiopia. Following the advocacy campaigns conducted by AFROHUN Ethiopia, non-member universities are sensitizing their leaders, faculty and students to establish the SOHICs in their respective institutions and started writing official letters to

AFROHUN to join the network. Using technology, it is possible for us to cheaply reach out to many non-AFROHUN member universities at a low cost, enabling them to benefit from the network's activities. Engaging students and staffs from non-member universities enhanced our visibility, expanded and shared our OH advocacy program to many parts of the country.



## NEXT STEPS

AFROHUN Ethiopia, in collaboration with other stakeholders, will implement the Year 3 approved activities. We will train final year students on infectious disease management and also develop grant proposals for submission to funders. In collaboration with AFROHUN Secretariat, we shall train in-service professionals and faculty on OH risk analysis. Other activities we shall implement during the second half of Year 3 include OH advocacy and sensitization for Ethiopia SOHIC. The establishment of SOHICs will expand to other non-member universities in the country. In the coming months, the University of Gonder, Samara University, Jigjiga University, Wachamo University intend to establish the SOHIC.





ETHIOPIA

# ONE HEALTH CHAMPION



## DESSALEGN MIRKENA EDOSSA

### Job Title

Country Administrator

### Professional Credentials

MBA

### Role within the OHW-NG Project

Country Administration

### Affiliation

AFROHUN Ethiopia



*“In the last 4 years, I have not limited myself to Country Administrator’s roles. The experiences I gained through supporting implementation of One Health activities, allowed me to take on the additional responsibilities when the Country Manager was away. The saying ‘If You Can Believe It, You Can Achieve It’ helped me a lot.”*



### Individual's Impact

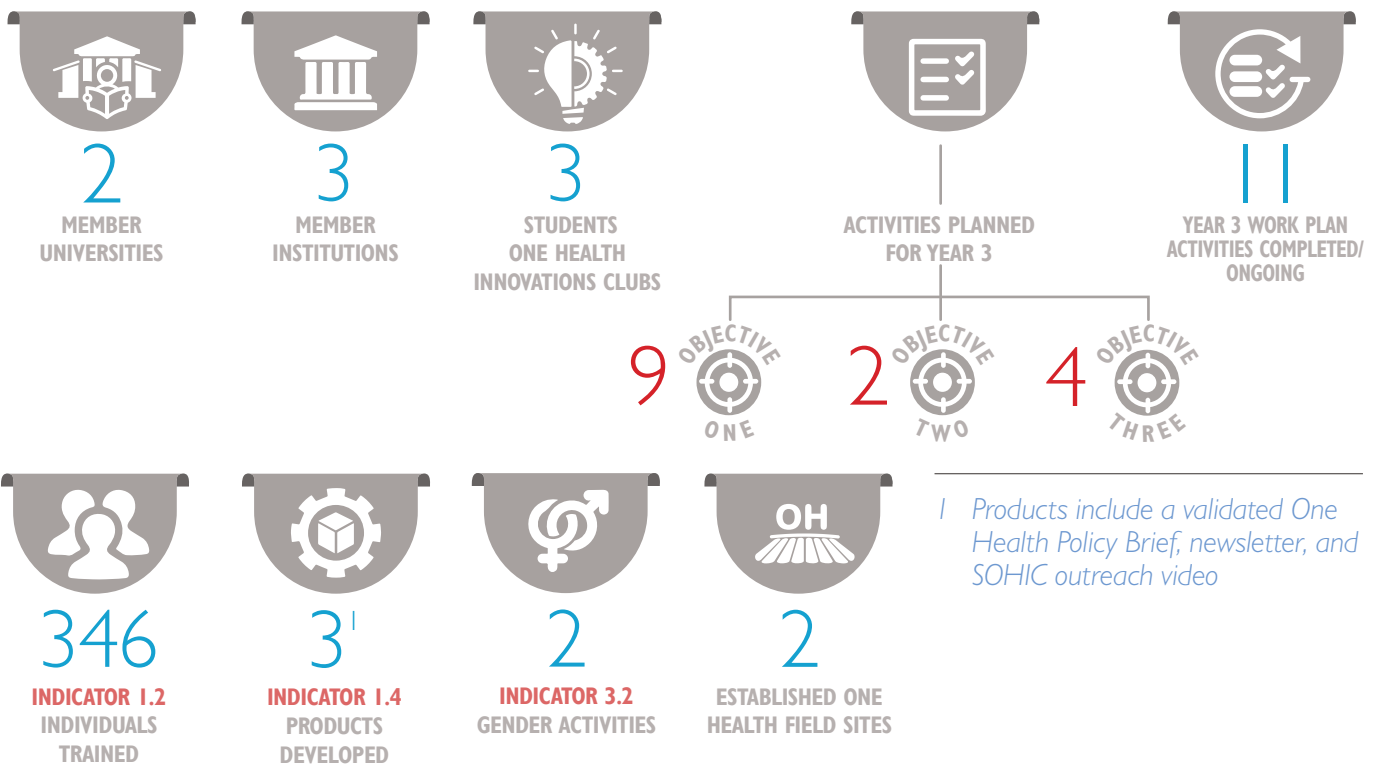
Dessaegn is serving as Country Administrator of AFROHUN Ethiopia. Due to the political situation in Tigray Region, the Country Manager was unable to perform his duties during part of Year 2 and Year 3 of OHW-NG. Dessaegn was quick to step in and fill the gap left by the Country Manager’s absence. He coordinated AFROHUN’s activities and assumed the Country Manager’s roles in addition to his duties as a Country Administrator. His diligence did not only ensure continued implementation of activities but also enabled timely technical and financial reporting.

ET 3: Ethiopia's OH Champion — Dessaegn Mirkena Edossa. Photo source: AFROHUN Ethiopia.

# KENYA



## Dashboard Overview of Year 3



## HIGHLIGHTS



- ➔ Sensitized 192 multidisciplinary pre-service and in-service professionals in the antimicrobial resistance (AMR) Extension for Community Healthcare Outcomes (ECHO) series, helping to equip the participants with appropriate skills and knowledge to address AMR (October – December 2021).
- ➔ One hundred and six (106) SOHIC members from the two AFROHUN member universities, under guidance of their faculty mentors, participated in four outreach activities where they had the opportunity to demonstrate their One Health (OH) leadership skills through leading various events (October 2021 to March 2022).
- ➔ Developed eight manuscripts from OHW-NG activities, documenting some of the processes and results of the project activities for eventual publication in peer reviewed journals (March 2022).



- Sensitized 19 primary school teachers and members of a youth group on OH, helping to promote science communication and eventually equipping the community with skills and knowledge necessary to address health challenges using a OH approach (February 2022).
- Updated the Kenya OH Field Experiential Learning Guide, drawing lessons learnt over the last five years and incorporating new ideas including measures for promoting sustainability of the program (March 2022).
- Validated the OH policy brief developed in Year 2 of the OHW-NG and gained approval for presentation to the government through the National One Health Platform (NOHP), providing an opportunity to influence policy at the national level (February 2022).
- Trained 29 participants from the executive and assembly of the County of Siaya on OH, contributing towards capacity strengthening and institutionalization of the OH approach at the sub-national level (March 2022).



# ACTIVITIES



## OBJECTIVE I

AFROHUN Kenya collaborated with the American Society for Microbiology and the ECHO team, to implement ECHO sessions on AMR (KY Activity 1.2.4). A total of 192 multidisciplinary pre-service and in-service professionals, drawn from within and outside Kenya, participated in the sessions that focused on appropriate skills and knowledge to address AMR.

The ECHO sessions were held once every two weeks from October to December 2021, and included case presentations, didactic sessions and plenary discussions.

In another activity (KY Activity 1.2.5), 106 SOHIC members sensitized 1,200 primary school children and 3,500 members of the community on various OH challenges, including: rabies, environmental management and conservation, waste management and segregation, and hand hygiene. This activity provided SOHIC members with an opportunity to demonstrate OH leadership competencies under faculty mentorship. Over 500 dogs and cats were vaccinated against rabies and another 135 surgically sterilized by veterinary practitioners as they mentored students.



**KY 1: Lakeview Primary School Head teacher participating in OH outreach activity in her school**  
Photo source: AFROHUN Kenya.



**KY 2: SOHIC members and their faculty mentor during a OH Sensitization workshop for primary school teachers in Naivasha.** Photo source: AFROHUN Kenya.

In a bid to document and disseminate processes and results from OHW-NG Project work, AFROHUN Kenya conducted a manuscript development workshop where faculty generated eight manuscripts for submission to peer reviewed journals (KY Activity 1.2.6). The manuscripts address various aspects of OH training, priority challenges and lessons learnt, OH Policies, and Knowledge, Attitude and Practices among abattoir workers. This activity will improve visibility of the OHW-NG Project, serve as a means of science communication, as well as contribute towards the body of knowledge.



**KY 3:** Participants at the OH Field Experience Redesign Activity at Machakos, Kenya. Photo source: AFROHUN Kenya.

To spread the OH approach to non-traditional disciplines and to the community level, AFROHUN Kenya sensitized 19 participants on OH (KY Activity 1.3.4). Participants included 10 primary school teachers, one Ministry of Education official, three community youth group members, one local administration chief and four members of a local NGO. Using adult learning techniques, participants were equipped with skills they can use to share the OH knowledge with other members in their spaces and communities. Additional information on this activity can be found under the success story on page **AFR-60**.



**KY 4:**SOHIC members with primary school pupils after donating waste segregation receptacles. Photo source: AFROHUN Kenya.



**KY 5:** SOHIC members primary school pupils at the end of a OH outreach. Photo source: AFROHUN Kenya.



AFROHUN Kenya also engaged in redesigning the OH field experiences to make it more robust, incorporate new ideas, and address measures for sustainability of the program (KY Activity 1.4.2). GHSA partners that participated in this workshop included CORE Group, Kenya Red Cross Society and FAO.

AFROHUN Kenya organized a stakeholders workshop to validate the OH policy brief developed in Year 2 of the OHW-NG Project (KY Activity 1.5.3). Stakeholders proposed recommendations for improvement of the brief. The meeting resolved to have the policy brief submitted to the government through the National One Health Platform.

## 2

## OBJECTIVE 2

Building on the collaboration that was initiated in Year 2, AFROHUN Kenya built capacity of 29 participants from the assembly and the executive of Siaya County on OH (KY Activity 2.3.4). The three-day training was officiated by the Clerk of the Assembly. This training aimed to contribute to the institutionalization of the OH approach at the sub-national government. Siaya County co-sponsored the training by meeting the allowances for the participants as well as supplementing transport for AFROHUN Kenya students going to the outreach activity at Jaramogi Oginga Odinga University of Science and Technology (JOOUST).



KY 6: AFROHUN Kenya team, faculty from UoN and MU, and SOHIC members paying a courtesy visit to the Clerk of Siaya County Assembly. Photo source: AFROHUN Kenya.



# 3

## OBJECTIVE 3

AFROHUN Kenya developed stakeholder profiles and a partnering agreement template, that will be used to engage partners and promote organizational and network strengthening (KY Activity 3.3.3). These will be live documents that will be updated and implemented as per partner engagements.



## LESSONS LEARNED

### Maximizing Impact: Stakeholder Mapping and Synergy

As part of its strategic direction, AFROHUN aims at building community as part of its strategic direction, AFROHUN aims at building community. We were able to partner with Farming Systems Kenya to host a successful training event where, 19 participants were sensitized on OH. Within a couple of weeks, the participants reached out to more members in their spaces and the communities as they committed to, sharing their achievements in the communication platform established at the end of the training. We have learnt that proper stakeholder mapping and engagement will lead to greater impact of the interventions.

#### Focus on Partnership

Kenya engaged in various partnerships during the reporting period. However, there was no formal partnership agreement that was signed. Some of the partnerships and collaborations that realized positive results included engagements with: 1) Environment Institute of Kenya (EIK), where members of EIK were awarded CPD points for all OH trainings organized by AFROHUN Kenya including the ECHO sessions; 2) American Society for Microbiology on facilitation of the OH ECHO sessions; 3) County Assembly of Siaya on student outreach activity and capacity building of staff members (they offered to supplement transport for students during the outreach activity as well as cost sharing in meeting the per diem costs for the workshop participants; 4) GHSA partners (CORE Group, FAO, Kenya Red Cross Society) during the field experience and manuscript workshops (only FAO participated in the latter); 5) Farming Systems Kenya (through Brooke East Africa) on sensitization of teachers on One Health. Kenya did, in addition, receive an expression of interest from JOOUST School of Health Sciences to form a SOHIC.

## Securing the Gatekeepers Buy-In

Building on the partnership created with the County Assembly of Siaya in Year 2, AFROHUN Kenya engaged in capacity building efforts for members of the Executive and the Assembly of the County. Having interacted with the policy makers as the first gatekeepers in Year 2, AFROHUN Kenya requested the County to co-fund the training; which they did by meeting the staff allowances for the participants. In addition, the training was made successful through the involvement of and securing the buy-in from the accounting officers, including the County Secretary (from the Executive arm) and the County Assembly Clerk (Assembly arm), as well as a dean from JOOUST, a public university in the county. These efforts are geared towards promoting sustainability and institutionalization of OH activities within the county, which will contribute to the advancement of the OH approach in Kenya through the OHW-NG project. Through this activity, we have learnt that securing buy-in of the gatekeepers before implementation of activities can be a valuable resource mobilization strategy that will promote sustainability.



### NEXT STEPS

Following the development of the manuscripts, AFROHUN Kenya, in collaboration with faculty, will identify suitable peer reviewed journals and submit the manuscripts for publication. This will improve AFROHUN Kenya's brand visibility and showcase the impact of the activities.

AFROHUN Kenya will build on the alumni engagement strategy developed in the first half of Year 3, exploring areas of implementation that require little resources. This will promote alumni involvement in activities, building on brand visibility, promoting communities of practice and promoting sustainability of programs.





KENYA

# ONE HEALTH CHAMPION

## ESTHER AKOTH ACHIENG

### Job Title

Student

### Professional Credentials

Student– Bachelor of Science in Environmental Health

### Role within the OHW-NG Project

Moi University Students One Health Innovations Club (SOHIC) President

### Affiliation

Moi University



*“The health of soil, plant, animal and man is one and indivisible.”*



### Individual's Impact

Esther is the current SOHIC president in Moi University. She has succeeded in leading students in a number of activities including; a tree planting event in Nyandarua County for world environment day; a three-week multidisciplinary OH demosite training program that took place in Loitokto; partnering with Pfizer AMPATH, Kenya during world AMR awareness week where she took part in community health talk on AMR awareness; led students in commemorating OH Day through tree planting activities along River Sosiani paired with efforts to clean up the river and sensitize the community on OH; introduced the concept of OH and waste segregation to primary school pupils in Naivasha; and initiated a OH club in JOOUST, Bondo sub-County, Kenya. Her zeal for OH makes her a great leader. This is exemplified through her team spirit, proactive thinking, diligence, energy, and ability to work under pressure.

KY 7: OH Champion (with a spade) planting a tree during the 2021 OH day celebrations. Photo source: AFROHUN Kenya.

# SUCCESS STORY



## Igniting The One Health Spark: Creating Resilience and Preparing for the Future

When 10 primary school teachers, one Local Area Chief, three representatives of youth groups, and four members of a local NGO received invitations to attend a 3-day One Health (OH) sensitization workshop, none of them knew what to expect from the training. Moreover, none of them knew what OH was all about, other than it being a buzzword during the COVID-19 pandemic. This situation presented a learning opportunity and challenge for the AFROHUN facilitators on how to effectively pass on OH knowledge to participants from the non-traditional OH related disciplines. Using various adult learning techniques, facilitators were not only able to generate a lot of interest in OH among the participants, but also promoted participatory learning. Drawing upon “Contagion” the movie which is centered on the threat posed by a deadly disease, participants appreciated the urgency for adoption and implementation of the OH approach to safeguard the future of the next generation. Participants formed a WhatsApp group to continue discussing and sharing OH information. As part of an outreach activity, the workshop participants collaborated with SOHIC leaders and members to sensitize approximately 1,200 primary school children on various OH issues including environmental management, hand hygiene and waste segregation.

### Partnering to conduct the workshop

AFROHUN Kenya worked in partnership with Brooke East Africa and a local NGO- Farming Systems Kenya (FSK) to implement this activity. The partnership saw FSK do the groundwork for the training, including contacting the Ministry of Education, the primary schools, the local administration as well as the youth group leaders. In addition, FSK sponsored four of its staff including the executive director to attend the workshop.

Participants highly appreciated the knowledge gained from the workshop as exemplified by their comments:

*“It was my first time to hear about One Health, and based on what I have learnt, I plan to be a change agent in the community, to guide others to create awareness and sensitize them on the importance of promoting One Health” –*  
**Cynthia Kioko Mumbua, Intern, Farming Systems Kenya.**

*“One of my biggest lessons from the training is I have come to know what One Health means. I support this initiative because it is through the primary school children that we can send the same message to the community, and having the children as ambassadors, we shall educate the whole world. From the workshop, I will take the One Health knowledge to other children and the community. I wish all Kenyans embraced this message of One Health” -*  
**Rose Wambura, teacher, Lakeview Primary School, Naivasha sub-county, Nakuru County.**



*“This collaboration with AFROHUN presents an opportunity for us to capture the One Health concept holistically and therefore making sure that the pupils are empowered in a holistic manner. This is an opportunity for us as FSK, because we are going to make sure whatever package we are giving to the pupils is wholesome. I will be following keenly to see how this issue of One Health unfolds in our schools. For me, the biggest fulfilment I feel we are deriving out of this is the generation we are going to bring up, a generation of young people who are fully equipped and empowered taking care of their planet earth ”-*  
**Humphrey Wafula – Executive Director, Farming Systems Kenya**

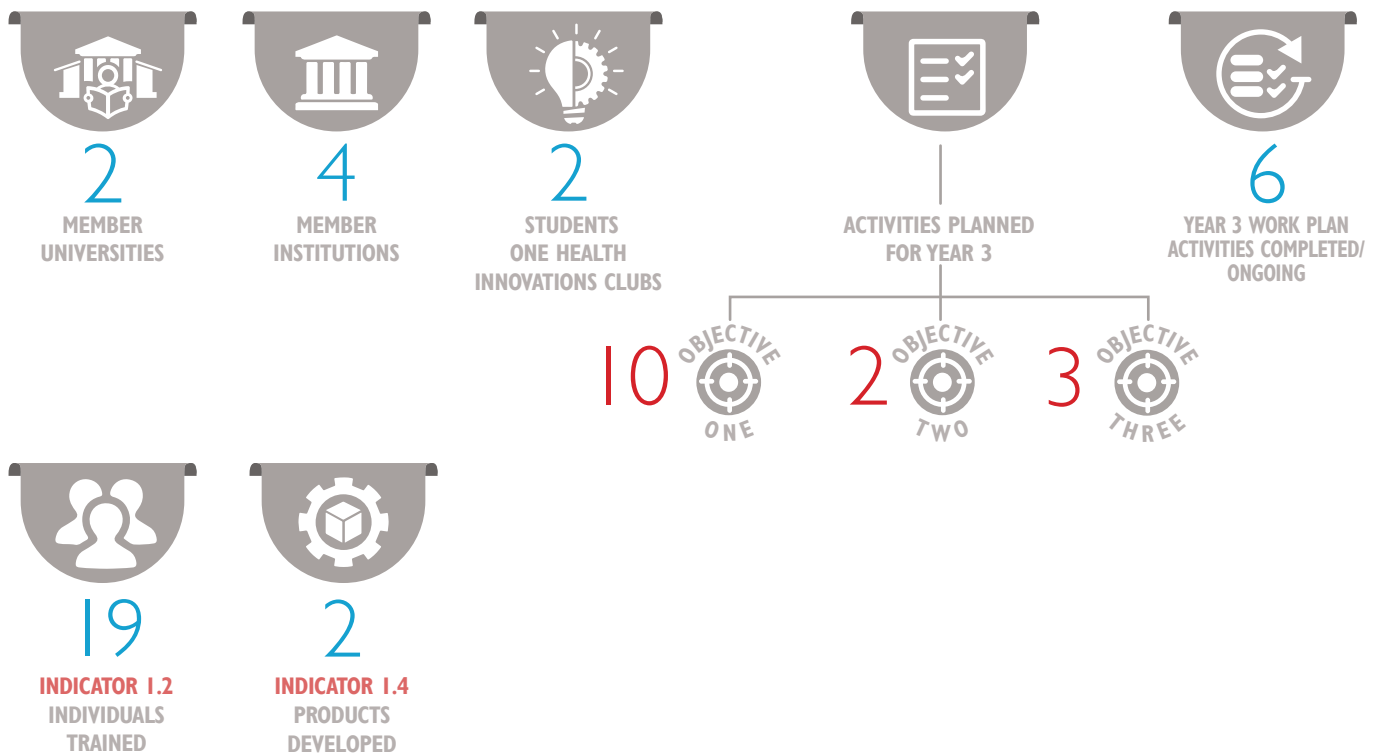
After the training, participants implemented various initiatives which they had committed to at the end of the workshop. Within a couple of weeks after the workshop, the following results were achieved:

- i) Teachers from Kinungi Primary School sensitized approximately 1,000 school children on OH;
- ii) An estimated 450 primary school children were sensitized on OH upon completion of their national examinations and before sending them back home for holidays;
- iii) Teachers who participated in the workshop sensitized a group of 30 teachers on One Health;
- iv) Participants from a local NGO - Farming Systems Kenya, sensitized 30 of their staff members on OH;
- v) A women's fellowship group (30 members) as well as one of the villages (15 members) were sensitized on OH;
- vi) One of the teachers took the OH messages to his village and mobilized an environmental clean-up campaign;
- vii) While appearing on a local radio channel to discuss issues surrounding their core activities, some of the participants took the opportunity to sensitize listeners on OH.

# RWANDA



## Dashboard Overview of Year 3



## HIGHLIGHTS



- Conducted a Global Health Case Competition (GHCC) benefitting 300 students of University of Rwanda (UR) and University of Global Health Equity (UGHE) (March 2022).
- Engaged 36 Students One Health Innovation Club (SOHIC) members in Risk Communication and Community Engagement (RCCE), reaching more than 750 community members with COVID-19 preventive messages (March 2022).
- Established a SOHIC at Integrated Polytechnic Regional Center and expanded the club's activities to Rukara Campus of University of Rwanda (February to March 2022).
- Trained 19 members from five professional regulatory councils in One Health (OH) competencies as a step towards enriching their Continuing Professional Development (CPD) credit points for in-service professionals (February 2022).

# ACTIVITIES



## OBJECTIVE I

AFROHUN Rwanda supported the expansion of SOHIC to Rukara campus of UR. In addition, we supported the Integrated Polytechnic Regional Center (IPRC) - Kitabi to initiate a SOHIC (RW Activity 1.2.5). As part of supporting the introduction of SOHIC at the two institutions, students and faculty were sensitized about the value and role of SOHIC in preparing the future OH workforce to address health challenges. The sensitization meetings were attended by approximately 240 and 50 students at Kitabi and Rukara respectively. The Principal at IPRC Kitabi proposed having a more formal partnership with AFROHUN and to initiate some impactful joint projects.

**Integrated Polytechnic Regional Centers** are vocational training institutes that are affiliated to the Rwanda Polytechnic. They offer certificate courses in various fields including veterinary; agriculture; environmental sciences; tourism and hospitality

Experiential learning initiatives have continued forming a key component of AFROHUN Rwanda's strategies for OH training. We therefore organized a GHCC for students from all the campuses of UR and UGHE (RW Activity 1.4.5). The objective of the GHCC was to build capacity of students to think critically and develop strategies to mitigate against infectious diseases. An estimated 300 students participated in the competition at campus level with 30 of these students reaching national level.



RW I: AFROHUN Country Manager presenting a trophy to the winning team for the GHCC. Photo source: AFROHUN Rwanda.



**RW 2: UGHE Students receiving medals during the GHCC. Photo source: AFROHUN Rwanda.**



**RW 3: Students from Rwamagana campus making their presentation at the national GHCC. Photo source: AFROHUN Rwanda.**

During the reporting period, 230 SOHIC members from all the campuses of UR and UGHE participated in celebrations to mark the International OH day (November 6, 2021) and the World Antimicrobial Awareness day (November 23, 2021) (RW Activity 1.5.3). Both events were preceded by a week-long community awareness campaign for infectious diseases and antimicrobial resistance (AMR). Students used pamphlets, banners and oral messages to sensitize the communities neighboring their campuses. At the national level, radio talks were organized on which SOHIC members and faculty participated as guest speakers. The sensitization week ended with tree planting and a students' debate on infectious diseases and how to prevent them.

SOHIC members have continued to respond to the COVID-19 pandemic. During the reporting period, 36 SOHIC members from Nyagarare, Rwamagana, Remera, Huye, Busogo and UGHE campuses conducted RCCE for COVID-19 for two days targeting communities around the campuses. The RCCE emphasized behavior change and the danger of emergence of new virus variants and hence the need to heed the government's call for vaccination. From this activity, students gained skills in RCCE while at the same time they were able to sensitize over 750 community members.



**RW 4: Members of the ad hoc alumni executive committee. Photo source: AFROHUN Rwanda.**



**RW 5: SOHIC members from UR — Huye campus sensitizing a market vendor on COVID-19. Photo source: AFROHUN Rwanda.**





RW 6: SOHIC members from UR - Nyagatare campus sensitizing community members on COVID-19. Photo source: AFROHUN Rwanda.

## 2

## OBJECTIVE 2

### Alumni Engagement

AFROHUN Rwanda organized a one-day workshop to disseminate results of the OH alumni survey conducted in Year 2 and also get ideas on how to engage the alumni. The workshop was attended by 34 participants that included five students, 24 alumni and five facilitators (RW Activity 2.1.7). The workshop participants agreed on forming an alumni association and elected 6 members to constitute an ad-hoc committee to establish the alumni association and develop a roadmap for engagement.

AFROHUN Rwanda organized a three-day workshop for 19 members of five professional regulatory councils in the country (RW Activity 2.3.4). The five councils are: the Medical and Dental council; National Council of Nurses and Midwives; Allied Health Professional Council; National Pharmacy Council; and Rwanda Council of Veterinary Doctors. Participants were taken through AFROHUN developed OH modules and subsequently, each council scanned their CPD training programs and prioritized relevant courses they would include into the training programs. As a resource institution, AFROHUN was requested to be a OH CPD provider for all the councils and a formal application for certification for was submitted to the relevant authorities. Additional information on this activity can be got our success story on page **AFR-68**.



RW 7: OH Champion Marie Louis (in blue T-shirt and white pants) leading COVID-19 RCCE campaign in Nyagatare. Photo source: AFROHUN Rwanda.



## LESSONS LEARNED

### Leveraging on collaboration of activities that are unfolding

We were able to engage all professional councils through AFROHUN OH modules that various council leadership fully embraced and showed readiness to integrate in their CPD programs. All councils requested AFROHUN to provide technical support by becoming their CPD provider. This is an opportunity to strengthen partnerships and generate revenue through participants paying for the courses.

The second opportunity relates to implementation of the SOHIC expansion (activity RW 1.2.5). In Year 2 we initiated

expansion of SOHIC in vocational institutions in an effort to break out of university walls, and diversify the AFROHUN partnership base. We believe that everyone has a stake and hence a role to play in safeguarding wellness and happiness of human beings. We are convinced that vocational training institutions have important contributions to make towards OH through the diversity and size of their workforce. Engaging such institutions is therefore an important undertaking that AFROHUN encourages and supports.



## NEXT STEPS

AFROHUN Rwanda will build on previous experience and prioritize field experiential learning activities for SOHIC. These activities will include theoretical pre-attachment training as well as actual attachment to the OH demonstration site. For visibility and sharing with a wider audience, we shall follow through in a mini conference that may be online or in person, depending on COVID-19 situation at the time. In order to maximise the impact of the experiential learning courses, we shall incorporate SOHIC from our vocational training institution partners, even though they are not members of the Network.





RWANDA

# ONE HEALTH CHAMPION

## MARIE LOUISE MUKAMUHIRWA

### Job Title

One Health Student intern and SOHIC mentor

### Professional Credentials

MSc Candidate in Animal Production at University of Rwanda, School of Veterinary Medicine and Animal Science.

### Role within the OHW-NG Project

One Health Student intern and SOHIC mentor

### Affiliation

University of Rwanda



*“Investing in One Health earns you more profit than any other business can.*



*Upholding One Health for the wellbeing of man, animal and maintaining the integrity of a shared environment requires collaborative multidisciplinary engagement. There are always difficulties associated with this, but success always comes with overcoming challenges.”*



### Individual's Impact

Marie Louise is a SOHIC alumnus and a One Health intern at the University of Rwanda, School of Veterinary Medicine and Animal Science. Her passion for One Health started a couple of years back while she was an undergraduate student and has participated in One Health related activities within and outside Rwanda. Notably, she attended and presented at AFROHUN's 2<sup>nd</sup> International One Health Conference where she emerged as the second-best poster presenter. Her presentation was on “Increasing

health burden from ticks and tick-borne diseases prevalence in Nyagatare area: A call for urgent community support.” In her capacity as a young researcher, she participated in a workshop and the launch of a One Health Brucella project that took place in Tanzania in 2021. As part of her mentoring responsibilities with SOHIC members, she engages in various One Health community outreach activities including RCCE for COVID-19 and antimicrobial awareness campaigns.

RW 8: Rwanda's OH Champion — Marie Louise Mukamuhirwa. Photo source: AFROHUN Rwanda.

# SUCCESS STORY



## Towards Sustainable One Health Training among In-Service Professionals in Rwanda

AFROHUN Rwanda has identified CPD as one of the strategies for sustainable OH capacity development among the in-service professionals. We therefore conducted a OH sensitization workshop for Rwanda's professional regulatory councils in Year 1 of the OHW-NG project. During this workshop, all councils requested AFROHUN to train their leaders in OH as a step towards enriching CPD credit points for in-service professionals. In March 2022, AFROHUN-Rwanda conducted a follow-on training workshop aimed at identifying the OH modules to be prioritized by each council and establishing a roadmap for incorporation of OH modules into the CPD programs. All participants acknowledged the importance of having OH competencies in their CPD program.

### Professional Regulatory Councils Represented

There were 19 participants at the March 2022 workshop. The following professional councils were represented: Medical and Dental council; National council of Nurses and Midwives; Allied Health Professional council; National Pharmacy council; and Rwanda Council of Veterinary Doctors.

*“This training was most appropriate to us as custodians and regulators of professional practices and training. Of particular significance, the various One Health modules that were introduced will go a long way to adding value to our CPD training programs.”* **Rita Umutoni Mupende** - Registration Coordinator at the National Council of Nurses and Midwives.

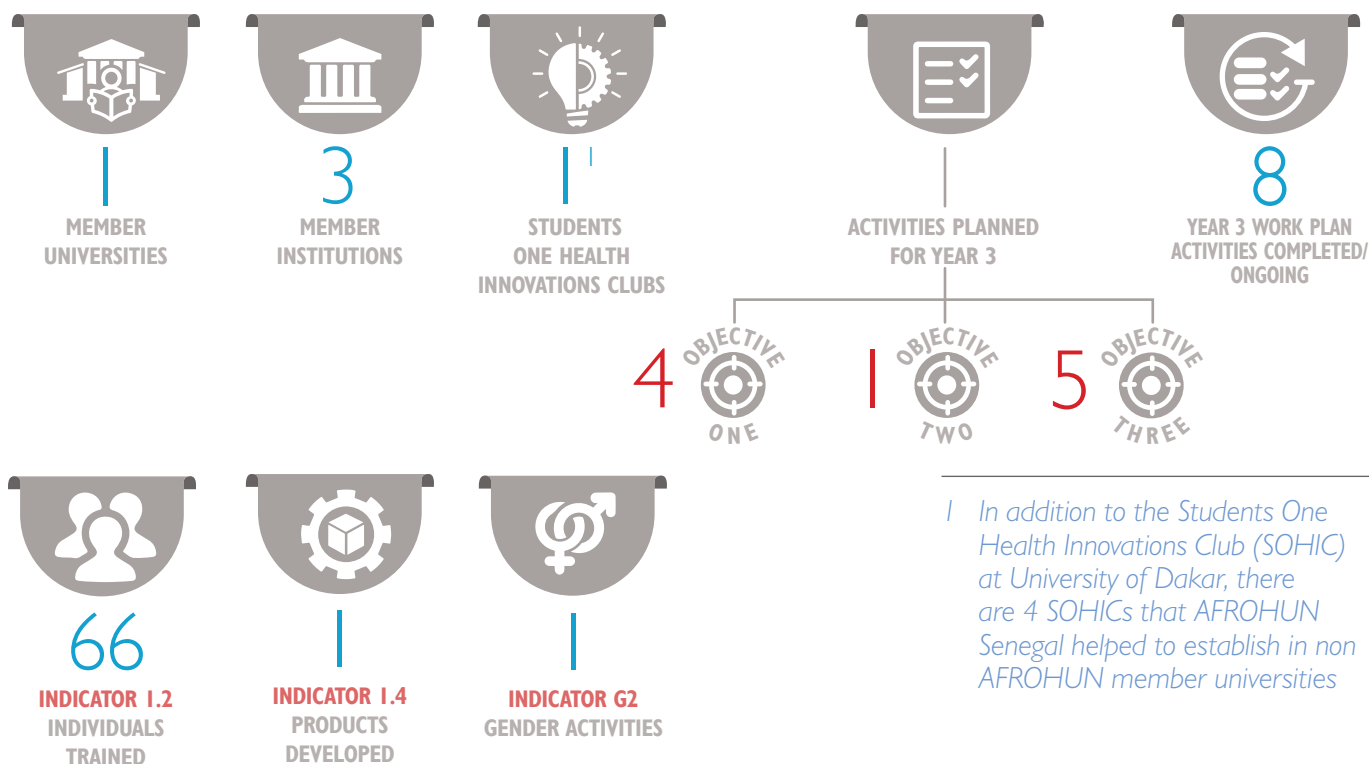
Representatives from each council worked in different sessions to identify and prioritize training modules for their members. The most frequently prioritized module was principles and concepts of OH followed by communication; collaboration; and infectious disease management. Participants also scanned and discussed modules to be incorporated into their CPD program. Moreover, all councils recommended AFROHUN to be the OH CPD provider, therefore requesting AFROHUN-Rwanda to apply for accreditation as a CPD provider. The councils went ahead and developed a roadmap for incorporation of One Health modules into the CPD programs. Offering OH modules as CPD courses is one of the key strategies that will promote sustainability of OH training among the in-service professionals in Rwanda.



# SENEGAL



## Dashboard Overview of Year 3



## HIGHLIGHTS



- ➔ Trained 66 multidisciplinary students (33 undergraduate and 33 graduate students) from six universities on Risk Communication (March 2022).
- ➔ Awarded small grants to two multidisciplinary teams of early career researchers, to facilitate enhancement of their capacities in multidisciplinary research.
- ➔ Participated in Global Health Security Agenda (GHS) and government partner meetings thereby realizing strong collaboration and enhancing AFROHUN network's visibility (October 2021 to March 2022).

# ACTIVITIES



## OBJECTIVE 1

Six graduate students were selected to receive scholarships for OH research following a call for applications that was shared with all AFROHUN member institutions (SN Activity 1.2.4). After signing research contracts, the scholarship recipients will submit their research proposals to the ethical review board. The research areas for the scholarship recipients include biodiversity and health (two students), antimicrobial resistance (AMR) (two students), economic effects of tuberculosis (one student) and aflatoxins in cow milk (one student). In these researches, students integrate at least two dimensions of health and they will be able to better understand interrelations in health issues.

AFROHUN Senegal conducted its third edition of the small OH grants program, awarding grants to two multidisciplinary teams (SN Activity 1.2.5). These teams are comprised of graduate students and early career researchers and each team has a faculty member who supervises their work to ensure quality and timely development of deliverables. Projects submitted by these teams were selected on a competitive basis by a board of examiners. The first team will work on a study on “Knowledge,

attitudes, and practices on AMR among health care providers in hospitals, veterinary services and institutions in Dakar region”. The second team will look at the “Contribution of green spaces in conservation of urban biodiversity, combating air pollution and population health in the commune of Fann-Point E Amitié, Dakar (Senegal)”.

Working collaboratively with AFROHUN Kenya and Cameroon, AFROHUN Senegal is being supported by the Global Team to establish at least one OH demonstration site (SN Activity 1.2.6). We have held joint meetings with the two AFROHUN partner countries which have been helpful in sharing experience that will be used in designing our demonstration site. We have already identified potential areas where the OH demonstration site will be located.

We also collaborated with Breakthrough Action (BA), National One Health Platform (NOHP), and SNEIPS to train 66 multi-disciplinary students (33 undergraduate and 33 graduate) from six universities on Risk Communication (SN Activity 1.2.7). The training enabled participants to gain skill on OH and Risk Communication.



## OBJECTIVE 2

### Alumni Engagement

Using a survey tool developed by the OHW-NG Global team, in collaboration with AFROHUN Secretariat, we collected data for tracking alumni. The alumni included in the survey underwent different OH capacity building interventions including training, scholarships, and small grants. The survey ended on March 31 and results from this exercise will inform AFROHUN on how to engage alumni.



## 3

### OBJECTIVE 3

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AFROHUN Senegal conducted a workshop to review Year 3 quarter 1 performance (SN Activity 3.2.6). This first meeting allowed the team to identify activities to be presented as success stories and the one to be highlighted during the Year 3 showcase. During the reporting period, we participated in various partners' activities such as the OH Day co-organized with Food and Agriculture Organization - Emergency Centre for Transboundary Animal Diseases (FAO-ECTAD), BA and El Hadji Ibrahimas Niass University of Kaolack. University of Kaolack SOHIC was officially launched during this event.

AFROHUN participated in a regional workshop to review implementation of the OH recommendations for the West Africa sub-region. The country Manager also participated in USAID implementing partners online meetings and presented on achievements of AFROHUN Senegal during the steering committee of the National High Council for Global Health Security chaired by the Minister, General Secretary of the Government. Participating in these partner activities has enhanced AFROHUN's visibility.



## LESSONS LEARNED

### **Focusing students' research towards national and university priorities**

When implementing the scholarship activity (SN Activity 1.2.4), AFROHUN Senegal realized that a large spectrum of topics covered by proposals were not well aligned to University and national needs. We realized that it would be beneficial to have a big program that is aligned to University and National need, . Based on this, AFROHUN Senegal decided to take the opportunity given by the grant writing activity (SN Activity 3.2.3) to put in place a research project which will allow all future scholarship beneficiaries to work on topics that will reflect members institutions and national needs. These themes must be linked to Senegal's prioritized zoonoses, AMR, environmental challenges (climate change, pollution, biodiversity loss, etc.).

In addition, the research should allow for synergy between several sectors and disciplines, especially between the three AFROHUN member institutions.

### **Partnering during activity implementation enhances visibility**

Another lesson learned is about collaboration with national institutions on training activities. For us to conduct training on risk communication for SOHICs (SN Activity 1.2.7), we partnered with BA and Service National de l'Education et de l'Information pour la Santé (SNEIPS) under leadership of NOHP and GHSA Specialist. The lesson we learned was that collaboration enhances the network's visibility and strengthens partnerships between the participating institutions.



## NEXT STEPS

AFROHUN Senegal will build on the collaboration initiated with BA and SNEIPS to engage SOHICs in national risk communication activities. Breakthrough Action also indicated the possibility of organizing another training session for SOHIC members. We will follow-up this opportunity which will help to increase the number of students trained on risk communication.



NEXT STEPS





SENEGAL

# ONE HEALTH CHAMPION

## ADAMA FAYE

### Job Title

Director of Institut de Santé et Développement (Institute of Health and Development)

### Professional Credentials

Professor of Epidemiology and Biostatistics

### Role within the OHW-NG Project

Dean / Member of AFROHUN Leadership Summit

### Affiliation

Institut de Santé et Développement, Université Cheikh Anta Diop if Dakar, Senegal



*“Introducing the One Health approach among young researchers is the best investment for addressing health issues holistically now and in the future.”*



## Individual's Impact

Professor Faye is the new Dean at ISED, one of AFROHUN member institutions in Senegal. He has dedicated his time to championing the One Health approach, and supporting young researchers to understand, appreciate and practice this approach. Prof. Faye is actively involved in AFROHUN's activities both at national and regional levels and is pushing students to build their OH skills through specific

trainings and research. For example, when opening training sessions organized for SOHIC, he always encourages students to take advantages of these trainings to enhance their competences and to build collaboration with their colleagues from other universities and academic disciplines. He also participates in training multidisciplinary research to small grants recipients.

SN 1: Senegal's OH Champion — Adama Faye. Photo source: AFROHUN Senegal.

# SUCCESS STORY



## Building capacity of SOHIC members in One Health principles

Early detection and response to emerging health threats in the human, animal, and environment interface requires a workforce that is well trained to manage these challenges. Engaging students in OH will help equip them with the transdisciplinary collaboration, communication, and leadership skills needed in the professional workforce. AFROHUN Senegal, in collaboration with BA, SNEIPS, and NOHP, engaged SOHIC members in OH principles and concepts through three training sessions. The workshop focused on Leadership and OH; Gender and Infectious Disease Management (IDM); and Risk Communication and OH.

This training provided an opportunity for 141 students from six Senegalese universities to work in multidisciplinary and multi-university teams. Such training is very important in preparing students to address current and future health challenges in a multidisciplinary manner. This evidence has been highlighted by the Permanent Secretary of the NOHP

who indicated that students are lucky to benefit from such training which did not exist when she was student. Testimonies from students indicate how the trainings have transformed their mindsets and how they intend to use the knowledge gained.

*“On behalf of all students we thank you for these rich training sessions you are delivering to us, both professionally and in our daily lives. I remember the previous training on leadership which has transformed us and helped creating bridges as mentioned by Dr Nicolas. We have maintained strong relationships with students from other disciplines and universities. – SOHIC leader*

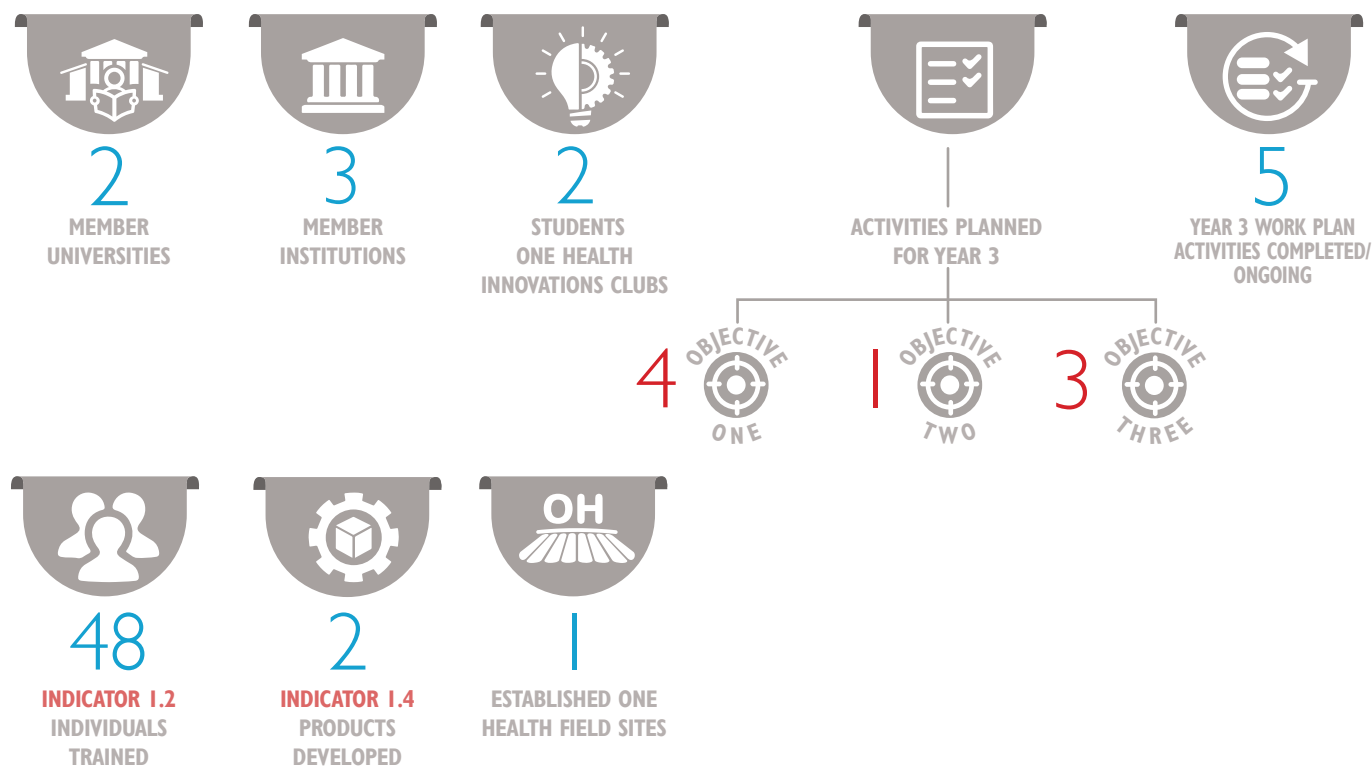
*“Trainings allowed me to have a global vision and be more curious about public health as an agronomist.” – Masters’ student of Agro-business*

*“A better understanding of gender has allowed me to explain more clearly to many people who think that gender refers to homosexuality.” – PhD student*

# TANZANIA



## Dashboard Overview of Year 3



## HIGHLIGHTS



- ➔ Conducted a workshop where we produced One Health (OH) integrated curricula for three diploma and certificate levels courses (November 2021).
- ➔ Trained 28 tutors from 14 diploma and certificate level training colleges, thereby enabling them to gain skills on how to deliver OH integrated curricula (February 2022).
- ➔ Presented Tanzania's flagship intervention during the Year 2 showcase, enabling participants to learn about the students' contribution towards meeting the Global Rabies Elimination Goal by 2030 (October 2021).

# ACTIVITIES



## OBJECTIVE I

### OH TRAINING AND EMPOWERMENT

AFROHUN Tanzania conducted a workshop to integrate OH content into the curricula of 3 diploma and certificate training programs (Activity TZ I.1.6). This activity focused on newly identified programs that were not included in the previous phase of content integration. OH content was incorporated into the diploma and certificate level curricula for the clinical dentistry programs as well as the revised format of the environmental health and medical laboratory certificate and diploma curricula. The workshop was attended by 19 participants from the diploma and certificate level training colleges, Ministry of Health, National Council for Technical Education (NACTE), Muhimbili University of Health and Allied Sciences (MUHAS), Sokoine University of Agriculture (SUA), and AFROHUN Tanzania. Out of this activity, we were able to develop draft curricula at the

diploma and certificate levels for the three programs. The draft curricula were submitted to the Ministry of Health for validation and subsequent approval. The next steps will include training of trainers from the same colleges to deliver the integrated curricula when the approved curricula rolls out nationally.

In order to prepare tutors to be able to deliver OH integrated curricula, we trained 28 tutors of diploma and certificate levels from 14 colleges on OH approaches (Activity TZ I.3.3). The training used OH materials which had been incorporated in the diploma and certificate level curricula. So far, AFROHUN Tanzania through the OHW-NG project, has trained tutors from 60 (about 86%) of existing colleges. Teaching of OH in these colleges is expected to be institutionalized once the integrated curriculum is approved and rolled out nationally.



TZ I: Vaccines and other campaign materials being handed over to Kisarawe leaders by FAO. Photo source: AFROHUN Tanzania.





TZ 2: Restraining dogs for rabies vaccination in Kisarawe. Photo source: AFROHUN Tanzania.

## 2

## OBJECTIVE 2

### OH WORKFORCE ASSESSMENT AND TRACKING

AFROHUN Tanzania trained 20 in-service professionals and members of professional councils, during a workshop to pilot training on a OH CPD course (Activity TZ 2.3.4). The training covered OH competencies that included leadership skills; emerging and emerging pandemic threats; antimicrobial resistance; an overview of OH concepts and practices; systems thinking and OH; team building and conflict management and resolution in OH; risk assessment; communication and management; disaster preparedness and response; structure of the OH coordination desk; and role of stakeholders and field visits. This course is expected to be conducted on a yearly basis by the two AFROHUN partner universities which were accredited to run it for the next ten years. It will contribute towards income generation for the universities which will be offering it in the future.



# 3

## OBJECTIVE 3

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### ORGANIZATIONAL SUSTAINABILITY

Following the approval of the Year 3 work plan, we held an online meeting to kick off implementation of the year's activities (Activity TZ 3.2.5). The meeting was attended by 30 participants that included activity leads and thematic leads. A key deliverable from this meeting was the development of eight activity implementation schedules. This activity was important because it enabled the team members to participate in planning for implementation of the Year 3 activities.

The Country Manager has attended a number of GHSA and other national level partners meetings (Activity TZ 3.2.3). During the GHSA partner meetings, the Country Manager shared updates on the status of implementation of activities and lessons learned. The Country Manager also attended a number of meetings organized by other partners such as the OH desk under the Office of the Prime Minister. For instance, he attended a meeting to refine of the national OH strategic plan 2021 – 2016 for mainland Tanzania. Other meetings attended included a validation workshop to align the National OH Strategy with that of the East African Community.



## LESSONS LEARNED

### **Involvement of key stakeholders in Implementation of activities promotes acceptability**

AFROHUN Tanzania has been working with its partner universities and professional councils to develop and implement OH Continuing Professional Development (CPD) short course for in-service professionals. MUHAS and SUA were accredited to run this course and give certificates while the councils will be awarding the required credit points for licensure. The lesson learnt is that the success recorded was linked to the involvement of the professional councils in the development of the OH CPD course as well as in piloting of the CPD training.



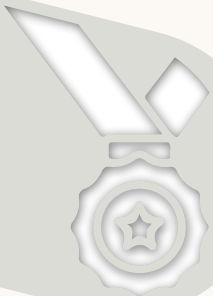
## NEXT STEPS

AFROHUN Tanzania hopes that the diploma and certificate curricula will be approved soon and rolled out nationally. In that eventuality, grassroots level personnel will be knowledgeable, skilled and prepared to detect, prevent and respond to health emergencies because at that level they are the first responders to any emergency.

The other key next step for Year 4 of the OHW-NG Project, is that AFROHUN Tanzania is planning to encourage MUHAS to conduct the first OH CPD short course for professional councils and in-service personnel. This first course is a result of the efforts put into involving professional councils in Tanzania in the development of the course and in participating in the first pilot OH CPD training. MUHAS and SUA have been accredited to run this course and give certificates while the councils will be offering the required credit points for licensure after attending the course.



NEXT STEPS



TANZANIA

# ONE HEALTH CHAMPION



## GLADYS REUBEN MAHITI

### Job Title

Lecturer

### Professional Credentials

BSc, MA, PGD, PhD

### Role within the OHW-NG Project

Activity lead for SOHIC activities, Chairperson for Academy - Experiential Learning Models Technical Working Group and Gender Champion on One Health (OH) issues.

### Affiliation

Muhimbili University of Health and Allied Sciences



*“To maintain the global health security capabilities, countries need a One Health workforce to detect, prevent and respond to complex health emergencies at all levels and take swift action.”*



### Individual's Impact

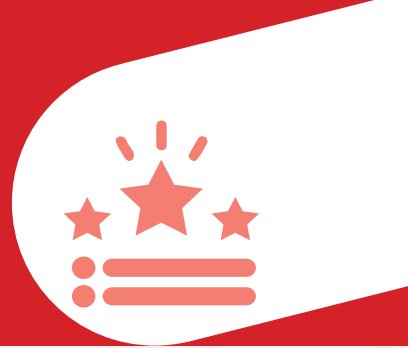
Dr. Mahiti was among the first faculty to be trained on OH by AFROHUN (then called OHCEA) in Kampala, Uganda. Over the years, she has been involved in various AFROHUN activities. Gladys has conducted research focusing on OH issues such as rabies in Moshi and Kisarawe districts in Tanzania. She has also mentored Students One Health Innovations Club (SOHIC) members and participated in developing the AFROHUN SOHIC guide. Additionally, Dr. Mahiti was among the co-investigators that collaborated

with Sokoine University of Agriculture and Muhimbili University of Health and Allied Sciences on a USAID grant funded study focusing on Global Health Security Agenda. Dr. Mahiti participated in the Field Simulation Exercise conducted in Arusha, Tanzania under GIZ, East African Community, and other stakeholders. Furthermore, Dr. Mahiti is an International Visitor Leadership Programme 2019 alumni under Department of State, USA on Combating Infectious Diseases representing AFROHUN Tanzania.

TZ 3: Tanzania's OH Champion — Dr. Gladys Reuben Mahiti. Photo source: AFROHUN Tanzania.



# SUCCESS STORY



## Taking One Health training to lower cadres

Grassroot level technical personnel are the first responders to complex health emergencies in communities. Yet, in Tanzania they are not adequately equipped with the necessary knowledge and skills to respond to such emergencies. Realizing this gap, AFROHUN Tanzania, with support from USAID through the OHW-NG Project, spearheaded the integration of One Health (OH) content into existing diploma and certificate level training curricula for animal health, human health, and environmental health. These efforts were followed by training of trainers workshop for college tutors that train diploma and certificate level students, on how to deliver the OH integrated curriculum.

Flora Lucas is a Tutor at *HERMARGS Institute* where she teaches pharmaceutical sciences. She is one of the 30 tutors from eight colleges training diploma and certificate level students, who were trained on delivering OH integrated curriculum in June 2021. Following this training, Flora appreciated the OH approach and immediately started teaching her students using the OH enriched curriculum. Her first class had 69 students who were trained on OH.

*“When I was trained by AFROHUN to train my students about One Health, I was excited because it was new to me, and soon after training I immediately started training my students at HERMARGS Institute about One Health concepts and practices even without waiting for the approved curriculum. I*

OH content integrated into the curricula include topics such as Emerging Pandemic Threats and the OH approach; Misuse of veterinary and human medicines and its impact on the emergence of antimicrobial resistance; Environmental pollution and contaminant control for the management of environmental health hazards and risks; Food safety risks including pesticide residues and mycotoxins and their mitigation using the OH approach; and Biosecurity and biosafety measures and the OH approach.



TZ 4: Flora Lucas teaching pharmaceutical students using OH integrated curriculum. Photo source: AFROHUN Tanzania.

*just wanted to apply the knowledge and skills I gained immediately after training. My first class of One Health had 69 students and I hope to do this every year. My college gave me the opportunity to apply the knowledge immediately.” - **Flora Lucas** – Tutor at **HERMARGS Institute***

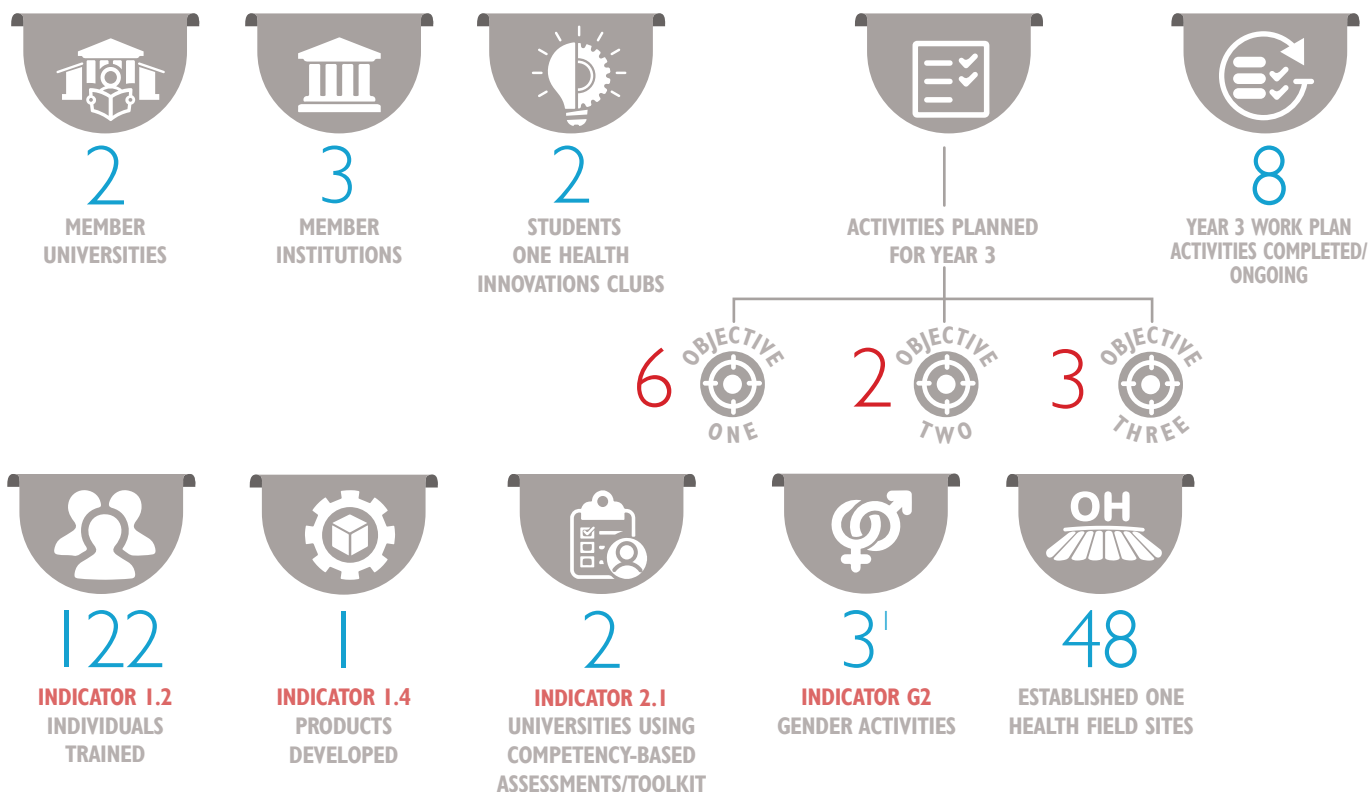
Flora is one of the 150 tutors from the multiple colleges that have so far been trained on delivering the OH integrated curriculum. These tutors are expected to train a critical mass of health workers that can ably participate in detection, prevention and response to complex health challenges using the OH approach.

*“One Health is an important subject and integrating it in existing curricula of diploma and certificate levels will ensure the competence-based training is taken by the lowest cadre in the professions who work at community level to respond to epidemics.” **Official from National Council for Technical Education (NACTE) which accredits curricula.***

# UGANDA



## Dashboard Overview of Year 3



## HIGHLIGHTS



- Trained 25 multi-disciplinary field supervisors and 20 faculty in One Health (OH) as a strategy to fully institutionalize OH trainings at Mbarara University of Science and Technology (MUST) (November- December 2021).
- Supported 77 undergraduate students to complete a OH Community Based Education Research and Services (COBERS) training; enabling community members to be sensitized on the benefits a safe environment in preventing diarrhea (December 2021).
- Ongoing training for 76 students (70 undergraduates and six graduates) in Infectious Disease Management (IDM) in preparation for field attachment training and graduate fellowship (Feb-April 2022).
- Participated in a partners' consultative meeting where we drafted strategies for elimination of rabies from Uganda by 2030. (March 2022).

<sup>1</sup> Activities with a gender component include: Training Community/ Field supervisors in OH at MUST (UG Activity 1.3.3); OH training among in-service personnel (UG Activity 1.3.4); and Institutionalize and operationalize the OH Institute theoretical principles in IDM (UG Activity 1.4.2).

# ACTIVITIES



## OBJECTIVE I

AFROHUN Uganda supported MUST to train 25 multi-disciplinary field supervisors and 20 faculty involved in community activities from all academic disciplines (UG Activity 1.3.3). The field supervisors included Medical / Clinical Officers, Nursing Officers, Community Development Officers, environmental / public health professionals, Agricultural Officers; and teachers. This training will enable more field sites to implement a OH approach during students' attachment to MUST.

We worked with various partners at national and sub-national level to review a training needs assessment tool to inform the training program for the DOHTs (UG Activity 1.3.4). Partners involved include the National One Health Platform; Ministry of Agriculture, Animal Industry and Fisheries; Ministry of Health, Infectious Disease Institute; and National Action Plan for Health Security. This needs assessment is on-going in Buikwe, Kayunga and Luwero districts.

As part of preparing students for OH field attachment and OH Institute Graduate Fellowship, we are supporting an ongoing training of 76 students on IDM (UG Activity 1.4.2). This training which is benefitting undergraduate (70) as well as graduate (6) students, will cover various modules including gender in risk

management, outbreak investigation and emergency response, disease prevention and control, One Health concepts and community health, biorisk management, community engagement and entry, leadership in infectious disease management, and field experiential learning. Participants were drawn from Lira University, Uganda Christian University and Makerere University.



**UG I: Thematic lead Mr. Ntaro Moses, orienting participants during the COBERS training in Bushenyi on meeting expectations. Photo source: AFROHUN Uganda.**



2

## OBJECTIVE 2

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In preparation for the review and validation of a strategy defining a OH worker in Uganda, we developed an interview guide to be employed during data collection with key stakeholders at the national level (UG Activity 2.3.4). Information from the stakeholders will be used to review the strategy ahead of a stakeholder validation workshop to be held in the coming quarter.



3

## OBJECTIVE 3

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The country manager has participated in several GHSA partner meetings (UG Activity 3.3.4) including one on Tackling Deadly Diseases in Africa. During these meetings, we identified areas and modalities of working together to improve the GHSA scores. In addition, we have engaged Infectious Disease Institute and the National Action Plan for Health Security on areas of collaboration, Makerere University Biological Field Station (MUBFS), to discuss possibilities of joint supervision during the undergraduate field attachments.





## LESSONS LEARNED

### Disruptions due to COVID-19 pandemic call for change in implementation strategy

AFROHUN partner universities' calendars were affected by the disruptions caused by the COVID-19 pandemic with academic semesters that normally run for 16 weeks being compressed to 10 weeks and characterized by uncertain examination and graduation timetables. We realized that the anticipated timelines and approach for implementing activities may no longer be appropriate since most of the AFROHUN country activities are dependent on the universities calendars. We had to adjust our activity implementation approach and timelines to ensure success. For instance, we had to recruit a mix of students comprising of soon-to be graduates, recent graduates, and graduate students to participate in the IDM training. Additionally, we had to match faculty to ensure that each module or task had alternate faculty, should one get busy with examinations or preparing lectures for students. A key lesson learnt is that as we plan to implement the planned activities, we need to interrogate the assumptions we had at the time of developing the workplans, and where need

be, reprogram the implementation to suit the prevailing situation.

### Conducting a training among in-service personnel

AFROHUN Uganda planned to conduct training on OH for district personnel. However, we were concerned about how relevant this training was, realizing that the COVID-19 pandemic was likely to have highlighted some training gaps that were not identified during the previous training needs assessments. We were also concerned about buy-in from other stakeholders. Following consultations with partners from the government, civil society and Non Governmental Organisations (NGOs) that have been involved in similar trainings, we agreed to conduct a training needs assessment which will inform the actual capacity building gaps at the district level. These stakeholders are engaged in implementation of this activity which will involve training assessment, updating the training modules, and conducting the training. The key lesson we learned is that involvement of key stakeholders in implementation planning is important in ensuring that the products and services delivered are relevant, accepted, and meet the stakeholders' expectations.



## NEXT STEPS

Building on the existing networks, we will work hand in hand with the National One Platform to update training materials for in-service personnel, and then deliver an in-service training among district one health teams. This is aimed at achieving the national goal of decentralizing OH to at least 50 districts by 2023. In addition, we

will support the review and validation of strategy defining a OH worker in Uganda. This activity is aimed at strengthening training programs to deliver content aimed at producing a OH cadre recognized at national and sub-national levels thereby improving human resource structures as per the GHSA recommendations.



UGANDA

# ONE HEALTH CHAMPION

## DR. PENINAH NSAMBA

### Job Title

Lecturer

### Professional Credentials

PhD (University of Pretoria) MSc, BVM (Makerere University)

### Role within the OHW-NG Project

Thematic Lead for Applied Learning – Student clubs, case competitions, field based experiences.

Activity Lead for Short Didactic Online Course – OH Principles

### Affiliation

Makerere University, College of Veterinary Medicine, Animal Resources and Biosecurity



*“There is one body, but it has many parts. But all its many parts make up one body. And suppose the ear says, “I am not an eye. So, I don’t belong to the body.” By saying this, it cannot stop being part of the body. If the whole body were an eye, how could it hear?” Therefore, One Health is just like the one body, it needs several disciplines to address these emerging and re-emerging challenges.*



### Individual's Impact

Dr. Peninah spearheaded a collaboration with a team of lecturers to transform IDM course into online format and have it hosted on Makerere University's e-Learning system.

UG 2: Uganda's OH Champion — Dr. Penina Nansamba. Photo source: AFROHUN Uganda.

# SUCCESS STORY



## Enhancing capacity for field supervision of multi-disciplinary students

Moureen Kirungi is a nurse who works as the in-charge for Buhara Health Centre III in the Kabale district. For more than six years, she has been supervising students of Pharmacy, Medicine, Laboratory Science, and Nursing from MUST during field placement. MUST attaches multidisciplinary students to Moureen's Health Center as part of the University's Community Based Education, Research and Service (COBERS) program. When the COBERS program began, Moureen did not feel confident enough to supervise multidisciplinary students with a higher level of education compared to herself.

*“Supervising students who are highly trained, especially in the modern setting, is very tricky. It requires skills and competencies that are up-to-date, which can only be achieved during continuous development trainings. I have been supervising these students with less confidence given the high level at which I see them.”*

In November 2021, Moureen was one of 45 participants selected to attend a one-week training for MUST Community Field Supervisors in OH. The training covered various modules including OH

concepts; problem identification; gender, culture & ethics; role of IT in managing emerging challenges and supervision; the importance of OH in managing infectious diseases; the problem tree analysis and challenge diagnosis tools; and community diagnosis verses clinical diagnosis. After completing the training, Moureen felt more confident to supervise the students effectively:

*“This training has equipped me with critical skills that have put me at a different level. I highly appreciate COBERS for selecting me to be part of the training. I also appreciate AFROHUN Uganda for facilitating this training. I am now confident and believe in myself that I can supervise these students with ease”*  
**Maureen Kirungi: Buhara HC III in-charge.**

Moureen is one of the 81 MUST Field Supervisors that have been trained on OH by AFROHUN Uganda with funding from USAID through the OHW-NG Project. As a result of the training, 19 MUST field sites are able to supervise students using a OH approach.





UG 3: Queen Elizabeth National Park's gentle giant — Giraffe. Photo source: [www.gorillatracking-uganda.com](http://www.gorillatracking-uganda.com)





## For More Information about AFROHUN

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