



**SAFE WATER AND AIDS PROJECT (SWAP)**  
**Annual Report – 2020**



@Karim Kara

Safe Water and AIDS Project (SWAP)  
Behind Royal City Garden Hotel, Off Aga Khan Road, Milimani Estate  
P.O. Box 3323, 40100 Kisumu, Kenya, Tel +254(0)202030712  
Email: [info@swapkenya.org](mailto:info@swapkenya.org)  
Website: <http://www.swapkenya.org>

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## LIST OF ACRONYMS

ABHR	Alcohol Based Hand Rub
ANC	Ante Natal Care
BMGF	Bill and Melinda Gates Foundation
CDC	Centre for Diseases Control and Prevention
CGMR	Centre for Geographical Medicine Research
CHA	Community Health Assistant
CHMT	County Health Management Team
CHP	Community Health Promoter
CHV	Community Health Volunteer
CKDU	Chronic Kidney Disease Unknown
COVID-19	Corona Virus Disease 2019
DIFFCOV	Differentiated Corona Virus
ED	Equivalency Determination
EDD	Expected Date of Delivery
ETR	Electronic Tax Register
FIND	Foundation for Innovative New Diagnostics
HCF	Health Care Facility
HCM	Health Communication and Marketing
HCW	Health Care Worker
HIV	Human Immune Virus
HR & ADMIN	Human Resources and Administration
HSV	Human Simplex Virus
ICT	Information Communication and Technology
IEC	Information Education Communication
IGA	Income Generating Activity
IUSSP	International Union for the Scientific Study of Population
KEMRI	Kenya Medical Research Institute
KES	Kenya Shilling
LLITN	Long Lasting Insecticide Treated Net
LOE	Level of Efforts
LREB	Lake Region Economic Bloc
LSTM	Liverpool School of Tropical Medicine
MOH	Ministry of Health
MORBID	Morbidity Operational Research for Bilharzia Implementation Decision
MUERC	Maseno University Ethics Review Committee
NACOSTI	National Commission for Science Technology and Innovation
PHO	Public Health Officer
POC CCA	Point of Care Circulating Cathodic Antigen
PPE	Personal Protective Equipment
PNC	Post Natal Care
PSK	Population Services Kenya
SARS	Severe Acute Respiratory Syndrome
SBCC	Social Behavior Change Communication

SCHMT	Sub County Health Management Team
SOP	Standard Operating Procedure
SWAP	Safe Water and AIDS Project
TOT	Training of Trainers
USA	United States of America
USAID	United States Agency for International Development
VSL	Village Savings and Loan
WASH	Water Sanitation and Hygiene
WIBA	Work Injury Benefit Act



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## FROM THE COUNTRY DIRECTOR'S DESK



The year 2020 has been unprecedented for almost every industry due to Corona Virus Disease (COVID-19) pandemic which has ravaged economies.

Safe Water and AIDS Project (SWAP) continued to provide innovative solutions for improved health and economic status of the communities through entering into agreements with like-minded partners.

Two major community scale solarized innovative water projects were successfully completed and beneficiaries accessing safe drinking water.

Water, Sanitation, Hygiene and Waste Management in Health Care Facilities was scaled up in 42 public health facilities. In addition, SWAP invested in 2 STREAM disinfectant generators to produce chlorine for infection prevention and control.

SWAP continued to directly implement public health programs, research and emergency response in addition to fund management.

SWAP became fund manager for 3 new research projects on family planning, COVID-19 Testing ANC Risk Stratification Tool for Decentralized Care and population based SARS-CoV-2 sero-surveillance project. These have demonstrated our capacity to be a trusted partner committed to deliver results. SWAP received the Equivalency Determination (ED) Certification from NGOsource which means that as an organization we have been vetted and are organized, operated and funded in accordance with guidelines required to be a public charity. Also funders are able to find SWAP on the NGOsource Data Base. An ED certificate for SWAP was available in the NGOsource repository and immediately available to member grant makers.

SWAP has continued to embrace partnership and signed Memorandum of understandings, Pre Teaming and Teaming agreements with health stakeholders operating in western Kenya region. At the national level, SWAP has remained a loyal member in Health NGO Network (HENNET), Kenya Water Sanitation CSO Network (KEWASNET) and COVID-19 WASH/IPC cluster. At the International level, our work on sanitation platform in 37 health care facilities was presented during the UNC 2020 water and Health conference and 7<sup>th</sup> International conference on Drylands Desert and Desertification (DDD) where our two successful projects on community scale solar treatment were disseminated.

SWAP has continued and thrived to be compliant to its beneficiaries, well-wishers and donors by fulfilling their obligations and deliverables as per their mandate.

Following the COVID-19 pandemic, hand hygiene was notable as a major preventive and containment measure. To this end, we begun the production of Alcohol Based Hand Rub (ABHR) specifically to protect the frontline health workforce.

I take this opportunity to thank our Board of Directors, staffs and all partners for the commitment, dedication and support you diligently provided to realize enormous achievements. I wish you all a happy and prosperous 2021.

**Alex Mwaki,**  
**Country Director**

## FROM THE TECHNICAL ADVISOR'S DESK



We have completed our 15<sup>th</sup> year of operations, which has been a very turbulent year with some major multiple year donor funded projects ending, but also new programs and research starting including emergency response. The COVID-19 pandemic with its first confirmed cases in March 2020 in Kenya continued to spread to all counties and there was clear indication of community spread. SWAP had to be resilient and adapt its programs to focus on offering essential services while ensuring the safety of all staff adhering to COVID-19 guidelines.

The floods in the region and back flow of Lake Victoria also continued to cause havoc with major rivers bursting their banks. Thousands of households got displaced and were taken to evacuation centers in schools, churches and makeshift shelters. COVID-19 and floods led to economic losses and a major humanitarian crisis. However, it brought in new opportunities and funding for SWAP. We were able to respond to COVID-19 with a focus on protecting health workers and patients at health care facilities. We further continued to offer support for the thousands affected families by flood, who were displaced and lost most of their livelihood. Apart from receipt of grants we continued fund raising through social media and crowd funding. Overwhelming support was received from well-wishers with cash and in kind donations such as second hand clothes, blankets, sanitary pads, mosquito nets, face masks, soaps and food. We are forever grateful to all those who made a difference in the lives of the most vulnerable and marginalized communities.

During the HENNET Annual General Meeting in October 2019, SWAP handed over the leadership as National Chair after completing the maximum terms in the board. SWAP has served 8 years in the Board and two years as National Chair. We remained active member of HENNET.

I was further appointed in the following committees:

- Health Advisory Council Kisumu County – this was mainly established to support the Governor with an overhaul of Kisumu County Health Department and for arbitration during health workers strike.
- Governors COVID-19 Committee – this is a committee appointed by Kisumu Governor with mostly senior Kisumu County Health Management Team members, representatives from Centers from Diseases Control and Prevention, UNICEF and SWAP and few other stakeholders from civil society.
- Lake Region Economic Block COVID-19 committee of Eminent Persons – this is a diverse committee of 22 senior and respected members of society appointed by the Governors of 14 counties mainly providing advisory and resource mobilization services on COVID-19. There are 4 sub-committees established on resource optimization, communication and advocacy, community clinical and socio economic interventions and data technology, innovation, monitoring and evaluation. One of the initiatives is the Adopt a School Initiative which is to support Schools to comply to COVID-19 rules and regulations and to keep the children safe.

We appreciate your partnership and support and we look forward for meaningful engagement during 2021 and beyond. I am proud of SWAP's Board, Management team and all SWAP employees to remain committed serving our communities offering public health services, research and emergency response despite the challenging environment and circumstances. SWAP remained visible and relevant and has continued to create opportunities and positively changed the lives of people from all walks of lives.

**Alie Eleveld – Founder of SWAP and Technical Advisor**

## SWAP's VISION, MISSION AND CORE VALUES

**Vision:** A healthy and empowered community where everyone enjoys high quality life.

**Mission:** To provide innovative solutions for improved health and economic status of communities.

### **Core values:**

- **Dynamic**  
We progressively look back, and use those experiences to determine our future direction.
- **Resilient**  
We are resilient, and adapt to positive and negative changes and needs in society.
- **Integrity**  
We ensure integrity in staff, by having controls, systems, processes in place and practice zero tolerance to corruption.
- **Efficiency**  
We strive for better results & high productivity in products and services, and excellent execution of our duties.
- **Professionalism**  
We believe in maximizing the skills and expertise of our human resource in the delivery of health interventions and research, providing quality, efficient and effective services.
- **Result Oriented**  
We strive to provide result-oriented health services, minimizing costs and maximizing outputs.
- **Innovative**  
We are innovative, and change is our constant. We embrace the unknown and are willing to go the extra mile to achieve our goals.
- **Diversity**  
We embrace diversity among staff, partners, and stakeholders. We always ensure there is a positive spirit which underpins the way we interact with others.

## COMMUNICATION

Facebook: [www.facebook.com/Safe-Water-and-AIDS-Project-338690551549/?ref=hl](https://www.facebook.com/Safe-Water-and-AIDS-Project-338690551549/?ref=hl)

Twitter: @swapkenya

Website: <http://www.swapkenya.org/>

## ACKNOWLEDGEMENT

This annual report has been made possible through the results of concerted efforts, contributions and guidance of SWAP's Board of Directors, Management Staffs and all other staffs.

Special thanks, appreciation and overwhelming contributions to our partners, financiers and well-wishers. Your dedication, commitment, donation is invaluable.

The following organizations, institutions, foundations supported SWAP to realize its strategic objectives;

- Ministries of Health; Education; Water, Sanitation and Irrigation
- National Government Administrative Officials
- County Governments of Kisumu, Siaya, Migori; Homabay; Vihiga and Bungoma
- Lake Region Economic Bloc
- CDC USA & Kenya
- Research and Development Corporation
- Global Giving Foundation
- Bill and Melinda Gates Foundation
- University of Illinois at Chicago
- USAID
- Task Force on Global Health
- Harber Charitable Foundation
- Vox Impuls
- Emory University
- International Union for the Scientific Study on Population
- Siemens Stiftung
- CDC Foundation
- Population Services Kenya
- PATH USA
- Stockholm Environment Institute
- Foundation for Innovative New Diagnostics
- Gabriele Norado
- KEMRI CGMR
- CARE International
- Liverpool School of Tropical Medicine
- University College of London
- Maseno University Ethics Review Committee
- National Commission for Science Technology and Innovation
- Ronalds LLP and Shadrack and Company Audit Firms
- University of New England
- Lixil Corporation
- Evidence Action
- Community Structures and beneficiaries at large.
- KEWASNET – Kenya Water and Sanitation Network
- HENNET – The Health NGO Network

## 2020 IN A NUTSHELL

### 1 PROGRAMS

#### 1.1 Health Communication and Marketing

The USAID funded Health Communication and Marketing (HCM) Program with PSK as prime recipient ended prematurely in March 2020 after USAID terminated it due to insufficient funding. Activities focused on social behavioural change communication (SBCC) in the prevention of malaria and diarrhoea in Migori County and had scaled in Bungoma County as well. The activities were undertaken by trained community health volunteers (CHVs) supervised by community health assistants (CHAs) through household visits, small group communication sessions and community dialogue. The main objective was to improve adoption and maintenance of healthy behaviours related to malaria prevention, diarrhoea prevention, Net use, Malaria Case Management, increased intermittent preventive treatment in pregnancy (IPTP) uptake amongst pregnant women. In Migori County, CHVs trained were 138 in Awendo Sub County, while in Bungoma County, 97 in Kabuchai Sub County.



Figure 1 Net Hanging Demonstration

#### 1.2 Distribution Model of Health and Hygiene Products

The social marketing of health products by trained Community Health Volunteers (CHVs) continued successfully at Kegondi Field office. The trained CHVs reach up to 100 households with Social Behavioural Change Communication and the social marketing and sales of health products, whereby they increase access to life saving products while generate income to become self-reliant. Kegondi has exceeded its sales targets despite the general economic losses in a tough year.

In Kisumu County, social marketing also continued by the Community Support Officer who reaches out to small scale businesses and stakeholders. Several walk ins also procure these items. During COVID-19 and flood response there was an increased demand for Water Sanitation and Hygiene (WASH) products.

Newly introduced health products in 2020 included the Menstrual Cup (Ruby Cup) the Sato Stool, Sato Flex and Sato Pan and alcohol based hand rub (ABHR) produced in the SWAP water lab. Kegondi realized a total sale of **KES 3,790,279.36** and Kisumu realized a total of **KES 8,123,913.80**.



Figure 2 Door to door sales by CHV

### 1.3 Women Empowerment with Chiela Smart Fish Women Group

Chiela Smart Fish Women group in Dunga continued with their business of frying and selling fish and operations of the tour boats in Lake Victoria. They were negatively affected by lack of tourism and closure of schools as well as increased competition and overcrowding at Dunga. SWAP supported them with investment of KES 200,000 in their village savings and loans kitty to help increase their income to invest more in their personal business.

### 1.4 Orphans, Vulnerable Families and Emergency Response

SWAP continued supporting selected orphans with school fees and requirements as well as upkeep. Others were referred to us for support where cost sharing was done with relatives and the community.



Figure 3 OVC support

More focus in the year was on flood response by visiting over 25 evacuation centers in Nyando, Nyakach, Seme and Nyatike Sub Counties with food and non-food items to support the affected families. 3 houses were built for very desperate families and school support provided when schools reopened following closure as a result of the COVID-19 pandemic. SWAP adopted Ombaka Primary School, Secondary School and the School for the Mentally Handicapped under the “Lake Region Economic Block (LREB) adopt a school initiative”.



Figure 4 Sanitary Towels Distribution at Ombaka Primary School

### 1.5 Sondu Water Enterprise

Sondu Water Enterprise management has successfully been transitioned to local water Community Based Organization (CBO) whose members following training took responsibility for the management and supervision of the daily operations. The formal handing over ceremony was postponed due to COVID-19 but so far they have been able to sustain and keep the enterprise operational by offering safe water and sanitation services to the communities in and around Sondu Market.

### 1.6 Corona Virus Disease 2019 (COVID-19) Response

As at the end of 2020, Kenya recorded a total of 96,458 COVID-19 cases. The number of deaths was 1,670. Those who had recovered were 78,737. Over 90 percent of the cases were local transmissions. When COVID-19 hit Kisumu County, SWAP was able to source funding for response. All 133 public health facilities in Kisumu were supplied with hand washing stations and soap and during a second round, PPEs were distributed. The same approach was used in Rarieda Sub County for all the 27 health care facilities. SWAP further played a major role in COVID -19 advisory committees and also became an active member of Kisumu and Siaya Counties COVID -19 Rapid Response teams. At the national level, SWAP was a member of the WASH/IPC cluster Additional funds were raised through Global Giving Foundation to “Protect 1,000 Health Care Workers” <https://www.globalgiving.org/projects/covid-19-rapid-response-swap/>



Figure 5 Hand Washing Stations for HCF

## 2 RESEARCH

### 2.1 Testing Means to Scale Early Childhood Development (ECD) Study

SWAP finalized the testing of an international curriculum on early childhood development which was facilitated by trained community health volunteers in Vihiga and Homa Bay Counties. In 2020, we continued with booster sessions. 5 booster trainings and sessions were conducted at an interval of 2 months each in Rachuonyo East and South and in Sabatia Sub-Counties.

The study tests different potentially cost-effective delivery models for an ECD intervention with a curriculum that integrates child psychosocial stimulation and nutrition education.



Figure 6 Booster parenting sessions by CHV

## 2.2 Cups or Cash for Girls Trial

This four and half year trial on menstrual hygiene management at 96 day secondary schools in Siaya County with 4,000 girls enrolled in the study ended in March 2020. LSTM, KEMRI, CDC, the Ministries of Education and Health and SWAP investigated the cost effectiveness of cups or cash to school to reduce school drop-out and the prevalence of HIV and the human simplex virus (HSV-2). SWAP was responsible for training girls on puberty, hygiene, use of the menstrual cup and financial literacy as well as annual WASH surveys at all schools. The menstrual hygiene management strategy and guidelines were launched by the Ministry of Health. Several papers were published in peer reviewed international journals.

SWAP's field activities were carried out between January and February while the disbursement of funds continued throughout the year. Also, 12 schools in Rarieda Sub County were targeted for the activities. A total of KES 1,040,500 was disbursed to girls.

## 2.3 Afya Credit for improved Maternal and Child Health

This study was evaluating the impact, cost effectiveness and sustainability of conditional cash transfer in retaining rural women in the continuum of care during pregnancy, birth and post-natal period. 5,488 mothers were enrolled across 48 health facilities in Siaya County. The study ended in August 2020. All study deliverables were achieved. There was prompt and effective communication with all the program partners. An External audit with independent auditor was successfully accomplished.



Figure 7 Continuum of Care during Postnatal Period

## 2.4 Point of Care Circulating Cathodic Antigen Study

The evaluation of the Point-of-Care Circulating Cathodic Antigen (POC-CCA) assay for mapping and monitoring mass drug administration (MDA) for *Schistosoma mansoni* control program in western Kenya entered its fifth and final year in October 2020. The study targeted children between 9 and 12 years old in 45 primary schools in Siaya County. Methodology included comparing the performance of this new test to Kato-Katz pre- and post- treatment for bilharzia with albendazole and praziquantel, using stool and urine samples collected from school children. Activities were achieved in 30 schools, but in 15 schools sample collection was not done due to early closure following the COVID-19 pandemic.



Figure 8 School sample collection for bilharzia

## 2.5 Morbidity Operational Research for Bilharzia Implementation Decisions study

The objectives of this research were to define what constitutes control of bilharziasis-related morbidity for *S. mansoni* in western Kenya as a tool to guide implementation decisions for country program, to identify infection levels of *S. mansoni* below which there is little, or no detectable schistosomiasis-associated morbidity and to define a tool on what constitute *S. mansoni*-related morbidity to guide implementation decisions for programs. Samples collection was completed in 45 Villages; 29 and 16 in Siaya and Vihiga Counties respectively. Kato katz microscopy, data analysis and review completed and initial findings disseminated in Siaya and Vihiga Counties stakeholders' forum. Ultrasound data collected and analysed in accordance to Niamey protocol. Treatment of study participants for Soil Transmitted Helminths was successfully accomplished. Shipment of samples to Leiden University Medical Centre, Netherlands was done.



Figure 9 Sonographers training in Uganda



Figure 10 Morbid team during field work

## 2.6 Sanitary Platform in Health Care Facilities (HCF)

This was an evaluation of the Feasibility and Acceptability of Novel Covered Sanitation Platforms in Healthcare Facilities. We targeted 18 health care facilities in Nyando and 19 in Nyakach Sub Counties. The installation was completed and a final evaluation done in September 2020. We received a donation of 100 Sato Pans from the Lixil Corporation and continued to do the social marketing after demand was created. Artisans were trained to support the installation. A total of 121 satopans were installed in all the 37 health facilities. The final findings of the program were shared with Kisumu CHMT and in the UNC Water and Health Conference held on 27<sup>th</sup> October 2020. SWAP continued the social marketing of this product after demand was created.



Figure 11 Sato toilet demonstration

## 2.7 Community Scale Solar Powered Water Treatment

Scaling the solar power water treatment using ozonation in Ahero and Chuth ber was completed and both sites are fully operational. The treatment chain included the addition of a flocculating agent (aluminum sulfate) to the water before it is ozonated. The local CBOs who will manage the water enterprises have received training and ongoing mentorship and water tests are done for quality control. Water is sold at affordable price to the general public and water vendors.



Figure 12 - Solar Powered Water Disinfection Units at Ahero and Mugruk

## 2.8 Chronic Kidney Disease Study

The chronic kidney disease study was evaluating the presence of chronic kidney disease among sugar cane cutters which has been found in other studies. SWAP targeted 1,000 cane cutters but only managed to reach 788. This was 80% of the households in Tonde, Owaga and Muhoroni East Sub locations. The study was in collaboration with UIC, Muhoroni County Hospital Laboratory and KEMRI.



Figure 13 Training of Lab Technicians in Muhoroni

## 2.9 Water Sanitation Hygiene and Waste Management in Health Care Facilities (HCF)

SWAP received funding to extend its activities in 27 health care facilities in Rarieda Sub County where previously WASH and Waste Management assessment of 27 HCFs, training of health workers and distribution of WASH commodities was done with additional refresher training, joint monitoring and a final evaluation expected in July 2021. SWAP scaled this following the successes with similar activities in Nyando and Nyakach Sub Counties at 42 health facilities. The baseline assessment was completed and findings disseminated as well as training done of In-charges of all facilities, community health assistants and volunteers and casuals on social behavioural change communication, WASH standards, Hygiene promotion and COVID-19 prevention. Ahero County and Katito Sub County hospitals will early 2021 receive STREAM disinfectant generators which produces 0.5% sodium hypochlorite for infection prevention and control as well as treatment of water. Joint monitoring will continue in the first quarter of 2021.



Figure 14 STREAM devices in Water Lab @ Karim Kara

### **2.10 COVID-19 Testing ANC Risk Stratification Tool for Decentralized Care**

SWAP became fund manager for a study on COVID-19 testing Ante Natal Care Risk Stratification in Kisumu County. This one-year study is funded by Bill and Melinda Gates Foundation. The objective is to test the feasibility of differentiated ANC provisions through primary clinics and home care innovations in mitigating the disruption of ANC services due to COVID-19 pandemic.

### **2.11 Fertility Preference and Contraceptive use among Mothers of Reproductive Age in an Informal Settlement**

SWAP signed an agreement with International Union for the Scientific Study of Population (IUSSP) Fellowship Award to Dr. Elizabeth Oele for research on “Fertility preferences and contraceptive use among women of reproductive age in an informal settlement, Kisumu. Due to COVID-19 pandemic and shut down of Health Demographic Surveillance System at Manyatta, the study was suspended and communication made to IUSSP. The study is aimed at producing a policy-relevant evidence on the effects of family planning and fertility changes on urban welfare.

### **2.12 Laboratory Services**

In 2007 a water laboratory was established to support research programs to provide evidence and test various WASH interventions, products and technologies. The lab also supports the Ministry of Health during cholera outbreaks or other diarrheal illness for surveillance. Several individuals and partner organizations have utilized the lab as an essential resource for their WASH programs. SWAP has an experienced team in the lab who can undertake bacterial and chemical analyses of water using ultra-modern technologies. The lab has also become a resource in the production of Alcohol Based Hand Rub using WHO formula for which we received the Kenya Bureau of Standards approval and we can do mass production to support the COVID-19 prevention through improved hand hygiene. The ABHR is also being sold to partner organizations and individuals for sustainability.

SWAP procured two STREAM disinfectant generators for the production of 0.5 % sodium hypochlorite which was tested in the lab and will be installed in two health facilities in Kisumu County and to support the infection prevention and control and to treat water.



Figure 15 Lab Manager at work in the Water Lab @ Karim Kara

### 2.13 Production and Distribution of Alcohol Based Hand Rub (ABHR) at Health Care Facilities

SWAP entered into an agreement with CDC for the production and distribution of Alcohol Based Hand Rub to 42 health facilities in Nyando and Nyakach Sub Counties. This project was successfully implemented in Uganda as well. The aim is to support health care facilities with improved hand hygiene and prevent COVID-19. Monthly distribution and monitoring is ongoing.



Figure 16 - Production of Alcohol Based Hand Rub

## 3 NETWORKING AND PARTNERSHIPS

Networking and collaboration is one of the strong pillars for SWAP that has enabled it to increase its visibility at International, national, regional and county levels. SWAP entered into new partnerships with like-minded organizations and continued to be an active member of vibrant civil society organization networks including;

- Innovations in Healthcare
- KEWASNET – Kenya Water and Sanitation Network
- WASH/IPC cluster for COVID-19
- WASH NETWORK forum
- Western Kenya Humanitarian Hub
- Lake Region Economic Bloc – COVID 19 Advisory Committee of Eminent Persons
- Kisumu County Civil Society Consortium
- HENNET – Health NGO Network
- Teaming agreement with WINROCK International
- Teaming agreement with KMET



Figure 17 - LREB COVID 19 Advisory Committee introducing the Adopt a School Initiative

## 4 HUMAN RESOURCES AND ADMINISTRATION

### The objectives:

- To carry out Annual Performance Appraisal for staffs for the period of January to December.
- To take part in the Pre-qualification of suppliers for 2020/2021 financial year.
- To take part in reviewing of the SWAP policies.
- To ensure that the organization policies comply with labor laws and other regulatory policies.
- To update HR related data in the system e.g. Timesheet and Staff Personal details.
- To strengthen the staff welfare and support staff in various ways.
- Recruitment of new staffs.
- Mentorship and capacity building



Figure 18 - Ursula Liona awarded for outstanding performance

### HR Highlights

- The total number of staff at the beginning of the year was 52. 26 males and 26 females and by December 2020, we had a total of 46 staff.
- The Annual Performance Appraisal for the staffs for the period of January to December 2019 was successfully done and report shared with all the staff.
- The prequalification of Suppliers for the financial year 2020/2021 was successfully done.
- SWAP managed to acquire a business permit for both Kisumu and Kegondi.
- All the SWAP Policies; Governance, Finance, Human Resource, Procurement, Asset & Inventory and Transport were reviewed and ICT Policy was also introduced.
- Despite COVID-19 and major projects ending we were able to keep most of our staff throughout the year even though some on reduced level of effort.

## 5 FINANCE

Finance Department is responsible for managing funds within the organization and planning for the expenditure of funds on various aspects. The department ensured efficient financial management and financial control necessary to support all activities. The responsibilities included book keeping, budget tracking, managing and projecting cash flows, Mpesa transfers and payment, back reconciliations, timely preparation and submission of statutory deductions, financial monthly reports and donor specific reporting as well as supporting the annual external audit and donor specific audit as requested from Stockholm Environment Institute in 2020.

In 2020, SWAP received a total of **KES 157,464,554**. This included the funds we managed on behalf of a four different donors, where we charge a percentage of overhead for compensation.

The funds were donated by the following donors;

1. CDC USA
2. NIH through Research and Development Corporation (RAND) as prime recipient
3. Global Giving Foundation – Crowd Funding
4. CDC Kenya
5. BMGF through University of Illinois at Chicago as prime recipient
6. USAID through Task Force on Global Health
7. Harber Charitable Foundation
8. Income Generating Activities from products sales and services generating income
9. VOx Impuls
10. Emory University- fund management
11. BMGF through IUSSP as prime recipient-fund management
12. Siemens Stiftung
13. CDC Foundation
14. USAID through Population Services Kenya as prime recipient
15. PATH USA
16. BMGF through Stockholm Environment Institute as prime recipient
17. Foundation for Innovative New Diagnostics
18. Gabriele Norado
19. BMGF –fund management for DIFFCOV
20. KEMRI CGMR

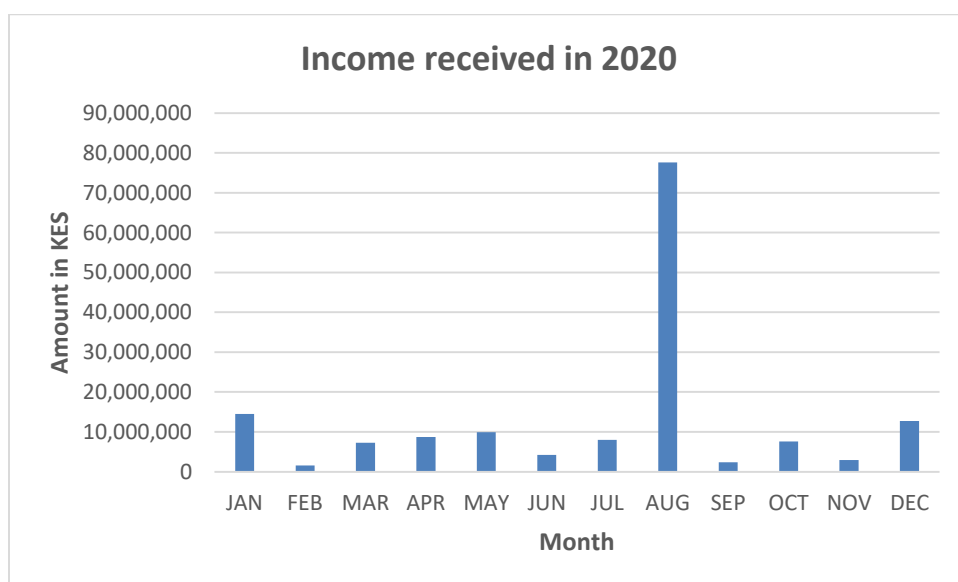


Figure 19: Income received in 2020

## 6 CHALLENGES

- Premature termination of the Health Communication and Marketing Program by USAID due to insufficient funding and Grand Challenge Canada through PATH due to intellectual property.
- End of funding of multiple year projects such as HCM, SEI and LSTM during the first 6 months
- Some staff not fully supported by donor funds and on reduced level of effort.
- Several short term projects with no long term financial sustainability.
- Several donors paying on refund basis which affects cash flow.
- The COVID -19 pandemic and the non-compliance of rules and regulations by the general public.
- Due to COVID 19 inability for physical meetings and travel missing networking opportunities.
- Economic losses and unemployment following the COVID-19 pandemic.
- Erratic weather patterns due to climate change with heavy rainfall, floods and back flow of the lake which also caused poor road infrastructure.
- Communities as a results of flood losing their homes and livelihood and displaced in make shift evacuation camps.
- Failure of the electronic system for data transmission and instant payment of study participants by one of the partners in the Afya Credit for Maternal and Child Health Study.
- Healthcare worker's industrial strikes and frequent staff turnover.
- Premature closure of schools due to COVID-19 pandemic which affected some of our activities.
- Schools unable to cope with all COVID 19 rules when reopening.



Figure 20 Happy Costumer drinking safe and clean water @ Karim Kara

## 7 ANNEX- PUBLICATIONS

### Published Papers – Research Findings -Evidence of Impact

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