

SDG INNOVATION CHAMPIONS 2022

"Innovation for Sustainable Development"



DEAR READERS,

The theme of Innovation Week Tanzania 2022 was "Innovation for Sustainable Development." This was informed that for the world to achieve the ambitious sustainable development goals by 2030, we must think, act and behave differently. Innovation Week aimed at providing space to innovators, policymakers, funders, researchers, and other players in the innovation ecosystem to share what they have been working on, learn from and inspire each other, collaborate across sectors, and transform Tanzania through scaling of innovation. It is also an opportunity to raise awareness of science, technology, and innovation, recognize, promote innovations and inventions for socio-economic development, and promote the need for innovation-friendly and progressive policies through engagement and dialogues.

However, innovation doesn't happen by itself, and technologies don't apply themselves to change people's lives. Thousands of people work day and night, using their ingenuity to push for positive changes. While Innovation Week is a great platform to showcase the significant innovations and technologies being deployed to make our lives better, it also brings an excellent opportunity to recognize the champions behind these innovations. For 2022 we asked the public to nominate innovators for change. From east to west, mainland and the isles, see faces, read names, and explore challenges, opportunities, and solutions these champions bring for sustainable development. These are among the thousands of people working day and night pushing for positive changes in the community.

Let us recognize and celebrate them.

Yours,

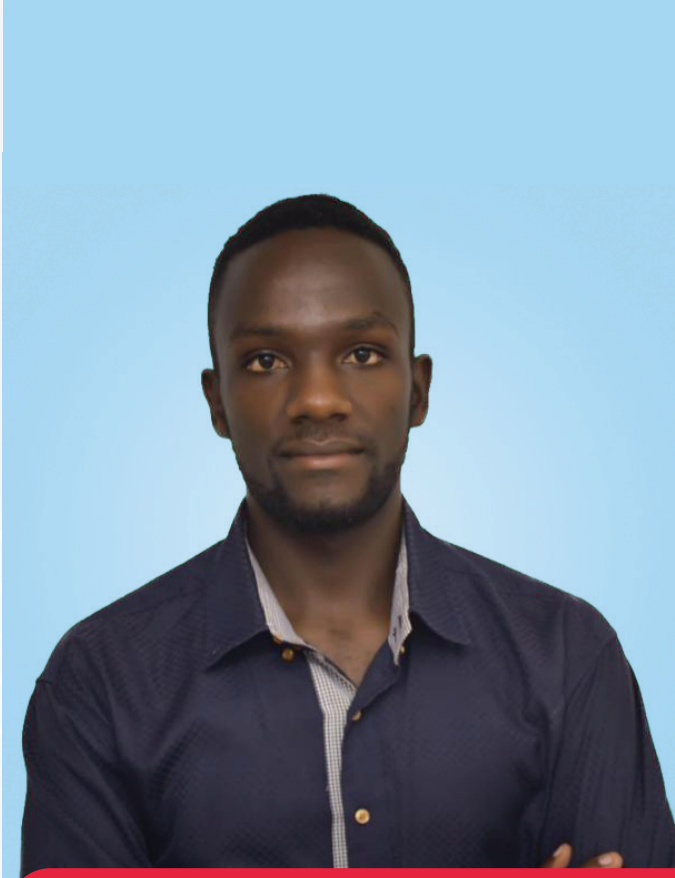
Innovation Week 2022

1 NO POVERTY

SDG Global Goal 1

LUGENDO GODA

Lugendo is the Founder and the CEO of PONICKS. Having experienced challenges to get employed in the aquaculture sector, Lugendo and friends joined hands to start PONICKS, a modern agriculture company that models aquaculture and horticulture techniques to increase production as well as to bring solutions to unemployment and food insecurity that affects youths. Lugendo is enthusiastically seeks to design and create sustainable agricultural pathways to help and increase food production under limited resources of water and land in the urban. He graduated from Sokoine University of Agriculture with a Bachelor's of Science Degree in Aquaculture



LUGENDO GODA

Founder & CEO - PONICKS

PROBLEM

"In Tanzania, thousands of people with large portion of youths graduate each year across from different universities and Only few secure job chances and leaving large percent of graduates unemployed" Yet we find ourselves living in a world which is constantly increasing in population leading to urbanization as people change their farms and gardens formaly used to provide food for them and establish residents or build a business center. Without proper mitigation we find ourselves exploiting our natural resources such like water and land and contribute to climatic changes as per United nation population perspective revised in 2015, it suggests that by 2050 the world population will be doubled and if we dont adopt to sustainable agricultural practices, then the earth will not serve as the good place for us to thrive.

SOLUTION

We design and teach on how to adopt into a modern and sustainable way of farming which is environmental friendly and adoptive to the limited resources of water and land for production. We are promoting a soil-less way of farming which integrated fish farming and crop cultivation in a symbiotic manner. Through the application of our solution. Youths will not only benefit from organic produce of fish and veggies, but also will be able to design, and sell the systems to others and gain economic independence.

IMPACT

We have our working prototype at our demo farm as we sell the produce to the near local and supermarkets as well as we have One (1) commercial demo farm and three (3)other small aquaponics kits for teaching youth who are learning to adopt the system. Through our products and services we aim to reach more than 5000 youths in Morogoro by 2025.

2 ZERO HUNGER

SDG Global Goal 2

LUCAS MALEMBO

Lucas Malembo is the founder of Malembo Farm. He started as a farmer back in Mwanza region, and then he started his company (Malembo Farm) in 2015 as a result of the challenges in agriculture sector employing majority of the population with a decreasing contributing to the GDP.

PROBLEM

Africa is having a fast-growing population which entails enough manpower and consumers of agriculture production & products. There is also a growing rate of unemployment for the majority of the population and the Government importing food from outside despite having enough land to produce. It is on these grounds that Lucas Malembo decided to start the company to develop & consult in Agribusiness in Tanzania and Africa at large.

SOLUTION

Malembo Farm is a growing Agribusiness Development and Consulting firm that supports clients to bring new agricultural related projects into realization through the use of new advanced technology. Lucas through Malembo Farm assists both small scale to large scale farmers to improve their performance within their existing projects in an environmentally, socially and economically sustainable manner.



LUCAS MALEMBO

Founder of Malembo Farm

IMPACT

Lucas through Malembo Farm has successfully trained over 5,000 small scale farmers across Tanzania on new and advanced ways on agricultural investment. Over 50 larger scale farmers have received technical assistance on agro-feasibility studies, project designing, project planning, project development, project financing, project implementation and project management based on agricultural business.

SDG Global Goal 3

HENRY MATHAYO

Henry Mathayo (@henrizey) is a 25 years old healthcare innovator passionate on Goal 3 of the Sustainable Development Goals, "Good Health and Wellbeing". He is a founder of MedPack Tanzania LTD - working to digitize pharmacy sector in Tanzania.



HENRY MATHAYO
Founder - MedPack Tanzania LTD

CHALLENGE STATEMENT

A survey done by MEDPACK in Dar es Salaam city shows that; Access to medications and proper use of those medications is still a problem. In the hospital patients spend 1 to 6 hours for treatments, coming to the pharmacy and found prescribed medicines are out of stock. This challenge lead to the patients /caregivers to spend more time searching medicines from one pharmacy to another, hence using more money and extra time. According to the survey of the National Institute of Transport (NIT) and the University of Dar es Salaam, 55% of youth aged from 15 to 24 are exposed to misuse of prescribed medicines. This is also supported by the Mayo Clinic proceeding article on Prescription drugs show that 47.5% of youth aged 15-24 misuse drugs due to a Lack of Knowledge on prescription drug and their potential harm.

SOLUTION

To ensure good health and wellbeing we need to simplify access to primary health care to individuals by strengthen pharmaceutical supply chain to both health facilities and individual. MedPack -working to ensure easy access to primary health care to all by simplifying ways to get pharmaceuticals and health products for health facilities and individuals. We provide MedPack Tanzania mobile application (@medpacktz) where health facilities and Individual access pharmacy service at their fingertips and doorstep deliveries across the city of Dar es Salaam. Now Tanzanians can save time searching for medications and health products. No more out of stock and no ques on online medications. Through MedPack Mobile APP you can now learn more on health articles on proper use of medications to avoid Antimicrobial resistance (AMR) and prevention of diseases.

IMPACT

For the one year in Operation across Dar es salaam city we have being working with 10 health facilities including community pharmacies, clinics and ADDO shops. More than 1,500 individuals have been using MedPack Services across the city of Dar es salaam . We are planning to expand to other regions in Tanzania from 2023.

You can Learn more about MedPack by watching videos below

Pharmacy testimony: https://youtu.be/7Csf-2vW0Po

Customer testimony: https://youtu.be/sOHLot7-dO78

4 QUALITY EDUCATION

SDG Global Goal 4

ADAM DUMA

Adam A. Duma is edupreneur and mission driven person, who live for bringing to light positive impact to Tanzania and beyond through latest education technologies. When he was student at University of Dar Es salaam back in 2017 successfully, he built softboard, a software which simplifies communication around the campus was one of its kind and it was acquired by University of Dar Es Salaam for further development and currently is a co-founder and C.O.O of SILABU (Formerly SMART-CLASS) a leading edtech startup in Tanzania also operating in Kenya and first edtech startup from Tanzania to be selected by GOOGLE ACCELERATOR AFRICA for Seventh Class. Silabu envisions helping every aspiring learner, teacher, and school throughout Africa realize their full potential. Silabu embarks on the mission of creating curious and engaging minds across Africa and beyond.



ADAM DUMA

Co-founder and C.O.O of SILABU

PROBLEM

Today, a tiny fraction of African youths can learn academic subjects or new skills from exceptional teachers, experts, and top schools at a high price. At the same time, there is a shortage of enough outstanding teachers, experts, and top schools to address the learning needs of Africa's 700M youths.

SOLUTION

So, we envision blending concepts that are proven winners from peer-to-peer learning, group tutoring, and one-to-one tutoring as a better way to learn, reduce costs of learning, and overcome the shortage of exceptional teachers in Africa.

Silabu will launch the first unique and one of its kind EdTech mobile app in Africa in May 2022. Living on its vision and mission of solving Africa's biggest learning challenge, Silabu's mobile app aims to empower students to learn from each other, attend the live group classes created by one percent of top tutors, and request tutors for one-to-one tutoring. The app will enable students to create learning groups for free in 30 seconds and start learning from like-minded students (peer-to-peer learning) from across Africa.

IMPACT

For the past two years working as online and offline tutoring platform, the platform boasts 15K+ users, across Tanzania and Kenya, with over 52% being active users and the platform has deployed over 300K+ learning hours. We have been able to create employment opportunities to Tanzania and Kenya youths and reaching thousands of students who needs academic help from personalized teachers.

4 QUALITY EDUCATION

SDG Global Goal 4

JULIANA MARKO

Juliana is a social entrepreneur who works as a CEO at Shenmo Maths Training entity and providing training to the kids and teachers through Abacus Mental Maths Program to enhance Mathematics performance in Tanzania. She is a founder and Executive director of Tanzania STEMship Foundation where she advocates early STEM literacy in Tanzania and empower STEM students into Entrepreneurship and Leadership activities. Nevertheless, Juliana is a part-time Project Manager of Beijing Bumu Engineering Co.Ltd (BBIC) which is a high-tech company specializing in new energy technology, R&D. Juliana was selected as the ambassador of an International NGO from South Africa (Women in Engineering) through their global campaign of #1MillionGirlsinSTEM.



JULIANA MARKO
Founder and Executive director of Tanzania STEMship Foundation

PROBLEM STATEMENT

The performance of students in Mathematics has been a great concern to our country mostly in elementary levels of education, and the question is how are we going to solve and enhancing its performance?.

SOLUTION

One of the possible teaching and learning program that could be used in the country to reserve the trend of poor performance in Mathematics is Abacus Mental Mathematics program which is the best solution to Mathematics performance in Tanzania from elementary levels of education, since it allows the students to build passion for Mathematics and learning in easiest and fun way, confidence, speed and accuracy, increasing memory, concentration, imagination and visualization, makes students active, creative and sharp, building reasoning, critical logical thinking, teamwork, leadership and time management skills.

IMPACT AND LOCATION

The program has impacted more than 500+ students in Dar es salaam and Arusha regions. Since Mathematics is the core subject to STEM industry and it is impossible for the country to be successful in Science and Technology without building solid foundation of Mathematics in its education system. On September 2022, we expect to reach 300+ students.

4 QUALITY EDUCATION

SDG Global Goal 4

KELVIN PAUL

Kelvin Paul is a social entrepreneur with a bachelor's degree in Telecommunication Engineering who leverages technology in the education sector to improve the quality of education in Tanzania. Currently, Kelvin is a co-founder and C.T.O of MITz KITS, a social venture envisioning to enhance competence-based learning in STEM education focusing on designing, developing and supplying portable, simple and affordable STEM kits for students in primary and secondary schools. He is a social change-maker who is driven by his commitment to quality education with a vision to democratize practical learning for STEM subjects and eliminate gender imbalance in STEM careers.



KELVIN PAUL

Co-founder and C.T.O of MITz KITS

PROBLEM

"The majority of students in Tanzania learn science subjects without practical sessions."

A practical understanding of STEM subjects is crucial in reinforcing students' creativity and innovation in secondary schools. However, due to insufficient practical teaching tools and the expenses involved, achieving this objective is the biggest challenge for most primary and secondary schools in Tanzania. Most of the schools afford only to teach the theoretical parts while leaving the crucial hands-on practical workouts untouched. This forces students to pay about USD $10 for a single session on the streets at least for final exam preparation and hence science subjects' dropouts and incompetent graduates become a national wise challenge.

SOLUTION

We study, design, assemble, test and then supply fully functional affordable, and portable syllabus-based Science kits (MITz KITS) for Competence-Based learning in STEM from primary to secondary education to schools, households, and other organizations which seek to advance STEM-related programs and eventually professions in Tanzania.

IMPACT

We have already sold 713 kits to parents and Organization that supports education through different STEM programs in schools. Through these sales, workshops and other events, we have managed to reach more than 8000 students.

5 GENDER EQUALITY

SDG Global Goal 5

DORCASBAHATI MGOGWE

DORCASBAHATI is a founder and executive director at GIRLS FIRST INITIATIVE (GFI) an organization that promote gender equality (SDG #5) in economic benefit by giving girls access to opportunities opportunities, resources and skills they need to be competent and competitive in the job market but also be able to start their own business.

PROBLEM

Around the world, finding a job is much tougher for women than it is for men. According to the International labor organization (ILO) in Tanzania 72% of all male graduates in a year have a high chance of being employed while only 47% of female ones are. Besides the lower employment rates, women are also disadvantaged in the types of position they engage in. A higher proportion of female workers compared to male workers are employed in temporary and part-time jobs and in low-paid sectors and occupations. Women are also less likely than men to be self-employed, especially if this entails running a business with employees; this may be due in part to traditional perceptions and bias of gender roles, but also to the greater difficulties women have in accessing opportunities, training, networking, and in reconciling business and family life. The underprivileged position of women in the labor market is a waste of resources, as women's educational attainments have improved significantly. Statistics on education show that among new generations, women have higher educational attainment in Tanzania.

SOLUTION

GFI created an online girls hub (https://www.msichanakwanza.org/ a community of girls that support young women to become more self-aware by accessing quality workforce readiness training and information to make them informed decisions on their professional career development as well as on entrepreneurship opportunities. GFI strive at ensuring that girls and young women have equal powers and opportunities



DORCASBAHATI MGOGWE

Founder - Girls First Innitiative

to make and act on economic decisions and share in economic benefits hence promoting gender equality.

IMPACT:

GFI have successfully trained 134 girls on both entrepreneurship and employability skills, mentored 30 girls while secured 20 internships and provide seed fund to five girls from its programs. GFI main goal is to train 2000 young in entrepreneurship skills in the next few years and provide loans to more than 500 young women to start their businesses while providing the best-customized entrepreneurship curriculum for schools in Tanzania . Also to train 1000 female graduates each year on employability skills to make them become more competent and competitive on the job market, as a way to ensure young women have equal powers and opportunities to make and act on economic decisions and share in economic benefits.

6 CLEAN WATER AND SANITATION

SDG Global Goal 6

EMMANUEL TLEMU

Emanuel is a social change-maker who is driven by his commitment to quality WASH services. He is a co-founder and C.E.O of JUPITAZ TECHEMPIRE Co LTD, that run SWASH Competition APP a social educative venture envisioning to challenge people to change bad behavior on WASH practice using consistent physical to online sanitation competitions in streets/wards and schools with presence of motivation in a consistent manner, while collecting useful and actionable data.



EMMANUEL TLEMU
Co-founder and C.E.O of
JUPITAZ TECHEMPIRE Co LTD

PROBLEM

Tanzania is the fourth most populous country in Sub-Saharan Africa, home to more than 55.6 million people, almost 43 million people lack access to improved sanitation revealed in the world bank report 2018. Despite the many short-term government initiatives and campaigns that promote WASH, there is still a health burden in the country due to poor sanitation and hygiene. There is a need to have a sustainable platform that encourages clean cities; promotes WASH and eHealth awareness to ensure people in communities will learn, share experience and adapt positive WASH behaviors to limit the spread of diseases.

SOLUTION

SWASH Competition APP is a social educative platform developed to provide better behavioral change strategies, impacting sanitation skills to people and creating a sustainable platform that mobilizes communities to fight against poor sanitation-related diseases and encourage clean cities. SWASH Competition APP is a mobile based, low cost, sustainable, innovative way of tracking and reshaping people's sanitation and hygiene behaviors and encouraging positive behavior change starting from individual to the community level using practical sanitation competitions activities model guided by specific theme and allowing constructive discussions moderated by health experts through the platform.

IMPACT

SWASH Competition APP Program has been able to inspire and encourage over 7,813 students, 80 teachers and 200 members of the community. With the support of the 2021 UDSM research and innovation grant, App conducted pilot 2 from January to March 2022 to 20 primary schools in Ilala District. Program inspired 30,045 students lead by 669 SWASH Club student champions and attracted around 500 community members as active voters through the platform.

7 AFFORDABLE AND CLEAN ENERGY

SDG Global Goal 7

GIBSON KAWAGO

Gibson Kawago is an electronic and electrical enthusiast from Tanzania. He has been working on battery management systems, circuit designs and implementations since 2009. For over 6 years he has been working in the STEM field inspiring children, youth and professionals in transforming theoretical to practical learning in Tanzania and over the past two years he worked in the establishment of the first science center in Tanzania-Tanga in collaboration with Tanga City Council, Botnar Fondation and ProjeKt Inspire. He is the founder of WAGA, a company transforming old laptop batteries into useful, reliable and affordable battery packs that can power houses, TV`s, lights etc., power banks and solar lights. Being a visionary and focused young man, he believes that “You can’t chase what you can’t see...”



GIBSON KAWAGO

Founder - WAGA

PROBLEM

In Tanzania, most of the villages lacks access to electricity. Most families living in rural off-grid areas use dim kerosene lamps to light their homes at night. Burning fuel inside pollutes the air with harmful particles, which can irritate the eyes and lungs, and puts children at risk of accidentally burning themselves. Several studies have shown that the lowest cost electrification option is microgrids. Although microgrids are much cheaper to deploy than traditional approaches to electricity access, such as grid extension, it is still too expensive for them. Our solution is based on the necessity for storage in microgrids. Research has shown that laptop batteries that are trashed can be recycled and repurposed to make affordable, reliable and durable power banks, solar lights, battery packs and electric bikes.

SOLUTION

Through WAGA we produce affordable, reliable and durable battery products from re-purposed laptop batteries in Tanzania. Laptop batteries trashed in damps are passed through a controlled, systematic and safe process to get lithium-ion cells that are useful and our design space is utilized to produce useful products including battery packs of 12, 24 and 48 Volts that power houses, TV`s laptops and other appliances. Power banks, solar lights and backup power systems are also made. These products help people in villages power their homes, students do their nights studies and homework’s and people in town access power backup in times of power-cut.

IMPACT

We have succeeded to collect more than 5970 laptop batteries creating more than 32 descent work opportunities to women and youth as battery collectors and other electrical works. We have served in 8 regions of Tanzania mainland having a total of 26 battery 15 battery supply partners and educated over 3000 people on clean energy, environment conservation and recycling importance.

8 DECENT WORK AND ECONOMIC GROWTH

SDG Global Goal 8

LYDIA CHARLES MOYO

Lydia Charles Moyo is a passionate young feminist and communication strategist working to achieve financial resilience and influence adolescents' and young women's sexual and reproductive health outcomes. Lydia is the Founder and Executive Director of Her Initiative, and an innovator, having championed the development of the first Swahili online learning platform for women in Tanzania named "Panda Digital." Panda Digital is the first Swahili E-learning platform in Tanzania aimed at enabling young female entrepreneurs to access knowledge, skills, and resources to start and run businesses in the digital economy.



LYDIA CHARLES MOYO
Founder and Executive Director of Her Initiative

PROBLEM

According to The Global Economy data, the estimated women unemployment rate in Tanzania in from 1991 to 2020 was 3.5 percent compare to men. This led to an increase in the income inequality between men and women. On the other hand, Internet platforms have also provided an avenue for promotion of creativity and innovation in generating income and providing sustainable solutions in employment. BUT the rapid digital growth has come with a challenge of less Participation of women in the digital world compared to men due to limited access, heavily reproductive duties. Taking a consideration of the young generation particularly, young women who are interested in trade in business have limited access to learning on important tools that will enhance their competence in the digital economy. These challenges have continued to perpetuate an increase in the income inequality between men and women.

SOLUTION

Through her work on Panda Digital, Miss Lydia is helping to reduce income inequality between men and women in Tanzania through enhancing knowledge, skills and creating linkages to resources so that young women can generate income by starting and running smart businesses in the digital economy. Panda Digital is supporting the implementation of SDG 8 by addressing unemployment through providing an innovative digital solution that is sustainable, reliable, and relevant to the needs of young women in helping them attain financial resilience by providing knowledge, skills, and resources on how to start, run, and grow their businesses in the digital economy.

IMPACT

Panda Digital has increased the share of young women's participation in the digital economy by helping over 2251 young female entrepreneurs attain knowledge, skills, and, resources on how they can start run and grow their businesses in the 21st Century Digital world. The platform launched in April 2021 to date it has more than 3908 users. Panda Digital created skilled young women who are financially independent, creating income, build businesses and create jobs for other young women while intensively using digital skills.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

SDG Global Goal 9

MASOUD KIPANYA

Ally Masoud Nyomwa, alias Masoud Kipanya is the leading political cartoonist in Tanzania. His first cartoon appeared in a newspaper in 1989. For years Masoud has worked with a significant number of local and international organizations in simplifying hard text into popular versions, these organizations include DFID, WORLD BANK, UNDP, ILO and UNICEF. Masoud has also worked for BBC Focus on Africa, a monthly publication published in London as an illustrator. In 1999 Masoud expanded his empire by moving into electronic media by joining a newly founded Clouds Media Group as a Radio presenter.

Masoud loves innovation. Through his Company, KAYPEE MOTORS, he recently launched the first Tanzanian electric mini truck.

He is among the top five influencers on social media in the country with a combined audience of almost 4,000,000 people from twitter, facebook and instagram.



MASOUD KIPANYA
Founder - KAYPEE MOTORS

PROBLEM

As the rest of the World is struggling with Carbon Dioxide Removal technologies, Africa is still taking the lead as the recipient of the old and used fossil fuel vehicles from overseas. These vehicles are the major contributor of the carbon emission which has a negative impact on environment. Most of these cars have been on the road for over 20 years. When the engine gets old, the plugs produce less fire which causes the less burning of fuel, the seals and the rings get worn out and allow the oil to penetrate into the combustion chamber and get burned with fuel and produce the white smoke (poison) which is mixed with the oxygen we inhale.

SOLUTION

Our company is embarking on a clean energy vehicle manufacturing. Our technical team is currently busy doing research on renewable energy, specifically solar energy which the African continent is blessed with in abundance. We are working on finding ways to create charging system that would enable our cars to rely on renewable energy.

IMPACT

We are the first local car manufacturing startup company in East Africa to reach the level of being inspected by the authority, this is a groundbreaking to us. Since the launch of our prototype a month ago, we have sold two cars by pre order and we have been receiving orders from all over the country. We are currently in the final stages of getting the certification from the Tanzania Bureau of Standard before we start mass production. We are taking a step ahead as we know that even when the continent is ready to start importing electric cars from abroad, Africans will still be buying used electric vehicles.

11 SUSTAINABLE CITIES AND COMMUNITIES

SDG Global Goal 11

DR. VICTORIA MARWA HEILMAN

Dr. Victoria Marwa Heilman is a registered practicing architect in Tanzania. She is the Founder and Managing Director of Alama Architecture (formerly known as VK Green Architects), a company that she started in 2012 while teaching at Ardhi University's School of Architecture and Design. Victoria is passionate about helping communities in need through her knowledge and expertise in architecture. She is the co-founder of Tanzania Women Architects for Humanity (TAWAH), a NGO that works together with women and youths to build adequate shelter for poor communities in Tanzania. In 2018, Victoria left her teaching career at Ardhi University to devote more time to train and work with local communities in rural Tanzania on shelter development through TAWAH. Victoria holds a PhD. in Architecture from the University of Stuttgart in Germany, a Master degree in Architecture from the Catholic University of America and a Bachelor of Architecture from the University of Dar es Salaam – UCLAS in Tanzania. Victoria was a Ford Foundation IFP fellow 2004, an Eisenhower Fellow in 2016 and a Mama Hope Global Advocate in 2020.

PROBLEM

Getting decent and affordable housing, especially for elderly, people with disabilities and single female-headed families, is a major challenge facing Tanzania. Efforts to achieve this goal face severe resource constraints, which often leads to overlooking the needs of elderly and people with disabilities for shelter. There is limited awareness of techniques that can be used to create decent, low cost and affordable shelters using locally available resources. The culture of volunteering and community mobilisation to solving community problems is also lacking amongst our youth in Tanzania.

SOLUTION

We bring community groups together for trainings on how to work together to build affordable houses and create strong and supportive communities that help the needy and marginalized people.
We raise funds and improve housing for the elderly, for people with disabilities and for single female-headed families by strengthening positive community relationships and problem solving networks.



DR. VICTORIA MARWA HEILMAN
Founder and Managing Director of Alama Architecture

IMPACT

In 2021, we started the design and construction of a Women led knowledge centre in Mhaga Village in Kisarawe district. This project was funded by a Swiss charitable organisation. This project is ongoing and it will benefit 120 women and girls annually (girls who did not get access to formal education) with the technical and managerial skills to create enterprises and jobs in the construction industry. And about 20 elderly and vulnerable people in the village will get improved shelters as part of the practical training on building construction, using materials produced by women at the center.

15 LIFE ON LAND

SDG Global Goal 15

PAUL MYOVELAH

Paul Myovelah is a social entrepreneur, a form four leaver-(Class of 2013 in Iringa). Paul joined the "Rlabs programme" in 2015 where he discovered his passion for conserving nature. Apart from working with envibright, he is actively working with Iringa Trees Programme (I-Trees Programme) as a chairman of the organization. Iringa Trees Programme is a social venture focusing on environment conservation activities around Iringa town and the whole of Tanzania. One of the activities of I-trees is raising trees at the nursery, giving them out freely to the community, and even helping the community in the planting process. I-trees also develop some technologies to help given trees to survive especially during dry seasons.



PAUL MYOVELAH

Chairman - Iringa Trees Programme

PROBLEM

Deforestation: Our loving planet Earth has witnessed the cutting down of trees for various purposes, this can be seen in even our communities in Tanzania. As a result of cutting down trees and the failure to replace them in our community, we are experiencing drought, floods, and malnutrition. To combat the challenge at hand Iringa Trees programme is giving out fruit trees freely to the community and educating them on how to take care of them. To begin with, I-trees has planted trees in some primary and secondary schools, some colleges such as Ruaha CDTI-Iringa, and planted trees in seven wards in Iringa. The wards are Ilala, Gangilonga, Miyomboni, Mkwawa, Mtwivila, Ruaha and Makolongoni.

SOLUTION

Through "I-Trees Programme" we have been providing free trees to the community and government institutions. We educate the community on the importance of planting trees, especially fruit trees in their compound and work hand to hand with other environment conservation organizations in Tanzania to conserve our environment.

IMPACT

Through the "I-Trees Programme" we have planted more than seven thousand (7,000) fruit trees around Iringa town. These fruit trees have been planted in primary, and secondary schools, Ruaha CDTI-Iringa, and in seven wards, Ilala, Gangilonga, Miyomboni, Mkwawa, Mtwivila, Ruaha, and Makolongoni ward.

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

SDG Global Goal 16

NABIRY JUMA

Nabiry Juma is the Co- founder and C.E.O of Sheria Kiganjani. Sheria Kiganjani, a Swahili word that translates to “Law on Your Palm” is an online digital legal platform in Tanzania that enables people who cannot access legal services due to financial constraints to access services affordably using web based, mobile application and SMS technology.



NABIRY JUMA
Co- founder and C.E.O of Sheria Kiganjani

PROBLEM

As of 2021, About 22 million Tanzanians could not access justice easily and affordably because of financial and geographical constraints. We believe that everyone has the right to access justice easily and affordably.

Through our initiative, we believe in increasing Tanzanians legal knowledge and penetration, create an educated community that abide by the country’s law and helps to prevent disputes between community members in future.

SOLUTION

In the course of solving UN Sustainable Development Goal No. 16 “Peace, Justice and Strong Institutions” Sheria Kiganjani provides legal services to Tanzanians, through the use of multiple digital solutions such as a mobile application, website platform , Interactive Voice Response (call center) and SMS technology solution, regardless of their location.We address lack of access to justice by providing affordable legal services and reduce human physical touch through our online services.

IMPACT AND LOCATION

Sheria Kiganjani has over 35,000+ users across the country, who use the platform to gain access to lawyers, legal knowledge and legal documents. Our social media platforms have over 15,000 subscribers, who follow up on the daily contents and educational posts that are found in these platforms.

Furthermore, Sheria Kiganjani has managed to enter into four formidable partnerships with international organizations, who foster and help the growth of the organization. There are also 120 legal aid providers, who use our platform to provide legal aid to various individuals and societies.

Our vision is to bridge the justice gap in Tanzania and have 500,000 Tanzanians accessing Justice easily and affordably by 2025.

17 PARTNERSHIPS FOR THE GOALS

SDG Global Goal 17

DR.HASSAN MSHINDA

Dr. Hassan Mshinda obtained a Master of Science in Applied Parasitology and Medical Entomology from the University of Liverpool in 1992, and later a PhD in 2000 from the University of Basel in Switzerland. As a scientist and later the Director of Ifakara Health Institute, he attracted several research grants from various international donors and foundations, funding projects that have had their results published in various international and peer reviewed journals. The results of his studies have gone on to impact health policy and strategies both at national and international levels, in particular, on malaria, schistosomiasis and child health. During his leadership the Institute was awarded the prestigious Prince of Asturias Award on International Cooperation 2008 by the Prince of Spain.

In June 2008, Dr. Mshinda was appointed the role of Director General of Tanzania Commission for Science and Technology (COSTECH), a position he held until November 2017. During this time, he initiated various innovation spaces and incubation programs as part of his efforts to develop an innovation ecosystem in Tanzania. As a result of these initiatives, the government of Tanzania increased its funding on research and innovation, supported by development partners such as the United Kingdom Department for International Development and the Swedish International Development Agency, among others.



DR. HASSAN MSHINDA

Consultant at Botnar Foundation

Dr. Mshinda has been a member of various boards of research and academic institutions. He was a member of United National High Level Commission for Health Commodities for Newborn and Pregnant Women and was Honorary Professor at the University of Liverpool. Currently, he is a consultant with Swiss-based Botnar Foundation, focusing on leveraging digital technology to improve child health and wellbeing.

