

# **INNOVATORS BOOKLET**

# **CLIMATE ACTION INNOVATION HUB**















MINISTRY OF FOREIGN AND **DIASPORA AFFAIRS** 



MINISTRY OF ENVIRONMENT. CLIMATE CHANGE &

CGIAR



# African Union Climate Action Innovation Hub

The African Union Commission has launched the Climate Action Innovation Hub as part of the Africa Climate Summit from 4-6 September 2023 in Nairobi. This is an opportunity to showcase a diverse range of the bold, innovative climate actions taking place across the continent that align with the specific ambitions and goals of the recently adopted African Union Climate Change and Resilient Development Strategy (2022-2032). This is Africa's first ever collective climate change action plan and strategy that details specific suggested actions the continent needs to urgently undertake to respond to climate change. The Strategy seeks to harmonise the continent's response to climate change over the next decade, setting out the key guiding principles, priorities, and intervention areas for enhanced climate cooperation. This Strategy is a framework for climate action of all Africans, including both government and non-government stakeholders. For the Strategy to be effectively implemented, broad-based ownership and inclusive participation is vital.

# Scaling innovations to achieve climate action

The Climate Action Innovation Hub is a dedicated space for Africa's women and young innovators to showcase their 'game changing', climate-oriented solutions and business ideas, exchange key lessons, as well as garner support for innovative solutions from a diverse and broad audience, including policy makers and potential investors. These transformative climate innovations and initiatives, of varying scales, may touch on any of the major themes identified within the Climate Strategy. These include but are not limited to: clean energy; climate-smart agriculture and sustainable land management; biodiversity conservation; green economy and sustainable value chains; sustainable fisheries management; water storage and conservation; waste management and circular economy; green transport and climate resilient infrastructure, resilient, climate smart cities, and digital transformation. The innovations can also include key cross-cutting areas needed to amplify climate cooperation and action, including climate advocacy, empowerment, awareness raising, capacity building and climate literacy.

This event forms an important milestone in a longer process to move the Strategy from a policy framework towards tangible and meaningful action on the ground. After the successful adoption of the Strategy by all AU member countries in June 2022, the Strategy is now ready to be executed at a variety of scales. To achieve this, the Innovation Hub plays a critical role in mobilising partners, innovators and investors to support its operationalisation.

# **GREEN FARM**

The initiative, entitled as "Green Farm," is implemented by the association Bariq21 in collaboration with the Punud program in the Skikda region of Algeria. It entails the establishment of a pilot farm that operates on renewable energy sources, with the primary objective of actively engaging in the mitigation of greenhouse gas emissions.

#### Adam Tabbouche | Algeria

+213798184569

#### **TAMARSO ENERGY**

My name is Jawahir Mohamed Hassan, an Electrical Engineer by profession and currently the Chief Operations Officer at Tamatso Energy & Industry with 5 years' experience in providing emerging solutions to commercial entities as well as households. I am specialised in renewable energy, specifically solar energy, and I sue that experience to provide accessible, affordable, reliable, and clean energy in Somalia.

#### 🚺 Jawahir Mohamed Hassan | Somalia

www.Tamarso.com jawahir@tamarso.com +252610405035







#### PLASTICRAFT

I am a highly motivated and dedicated climate activist with a background in environmental planning from the University of Rwanda- College of Science and Technology. I present my commitment in bringing circular & environmental solutions through Plasticraft Ltd where I am the CEO; Plasticraft is a social enterprise& creative space that produces plastic wastes collected from local communities in Kigali into handcrafts. I possess Leadership and entrepreneurship skills where I obtained two awards namely the Accelerate Africa business pitch competition and the Emerge Her leadership& business competition. I am enthusiastic about gaining new skills about my entrepreneurship journey, I value building new networks and connections that uplift my capacity development.

I am passionate about ecological restoration, green growth, circular economy, landscape architecture, interior design and smart cities. Further, I have a deep interest in girl& women empowerment which is why I aim to bring more women in the climate space so as to bridge the climate gender gap.

#### **Sonia Umulinga | Rwanda**

umulingasonia@gmail.com

# YOUTH PARTNERSHIP FOR CLIMATE ACTION AND SUSTAINABLE AGRICULTURE

Jessica Brima Sesay is a Sierra Leonean and the current Secretary General for the United Nations Youth Advisory Group (UNYAG) in Sierra Leone, Community Solution Fellow in USA 2018, 50 most influential women 2021, A Certified Master trainer in the Agriculture industries. Jessica is a feminist, Gender Activist, Community Climate action champion award winner 2023, environmental activist with over six (6) experiences. She is the Founder and executive Director of Youth Partnership for Climate Action and Sustainable Agriculture Sierra Leone. An organisation that seeks to empower the next generation of impact-driven emerging leaders to become problem solvers and pioneers for the Global Agenda focusing on the youth and women in creating sustainable communities by implementing strategies that address the matching crises of youth unemployment and climate change.

👬 Jessica Brima Sesay | Sierra Leone

jessicasesay54@gmail.com +23276803578

# BAMBOO LABS

Abel is the Founder and CEO of Bamboo Labs, a social enterprise that promotes affordable, accessible, and sustainable transport mobility by using renewable resources to create a positive environmental impact. Bamboo Labs started as an enterprise that produced wheelchairs framed entirely out of bamboo and has recently expanded its production to bamboo-made bikes. Abel's vision is to revolutionise the Bamboo industry in Ethiopia and beyond. He has received several awards and recognitions for his innovative products.

#### 🖥 Abel Hailegiorgis | Ethiopia

abelhailegiorgisdaddy@gmail.com +251910416023



# NATIONAL AGENCY FOR ENVIRONMENTAL QUALITY CONTROL, IP (AQUA)

Jacinta Laissone, born in the province of Tete in the Republic of Mozambique, has a degree in Geography and a Master's in Rural Development from the Eduardo Mondlane University. She is the Provincial Delegate of the National Agency for Environmental Quality Control in the province of Gaza. She has been an environmental educator since 2000, having worked with schools and communities in the coastal zone of Mozambique. From 2010 she started working on restoring the mangrove ecosystem in the Limpopo River estuary in Gaza, Mozambique.

Jacinta Laissone | Mozambique

+258847030029 | +258870544672





# **KYUKA VENTURES INNOVATION HUB**

Kyuka Ventures is working at the intersection between reliable energy provision and sustainable clean energy for off grid communities in the face of climate change, leading our global transition to a socially inclusive and environmentally sustainable greener economy.

🖥 Sonko Jamal | Uganda

kyukaventureshub@gmail.com +256754329253 | +256761212646

# THE RALLYING CRY

Linda serves as the Engagement and Culture Officer at The Rallying Cry, working closely with the founder and the team to drive effective strategies and engagements that bridge the finance gap of women leaders operating climate-smart agribusiness in Africa. Addressing sustainability issues such as gender inequality, climate change, resource scarcity, poverty eradication, and food security are important driving forces to her work. She optimizes The Rallying Cry's ways of working to ensure all stakeholders are treated with dignity and respect. As the custodian of The Dignified Participant Experience, she directs dignity at the heart of the work of The Rallying Cry to effectively provide advisory and capacity-building support, convene and connect capital providers and agripreneurs whilst amplifying African women's lived experiences and frontline climate leadership.

🚺 🚺 Linda Sewe | Kenya

linda@therallyingcry.org



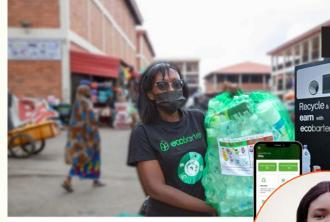
AN ECOSYSTEM INITIATIVE AT THE INTERSECTION OF CLIMATE AND GENDER

SPEAKER: LINDA SEWE info@therallyingcry.org

CALL TO ACTION

INVEST IN CAN WOMEN LEADING CLIMATE ACTION

• •



enabling Nigerians use wastes as a digital currency..

# ECOBARTER

Rita is the founder and CEO of Ecobarter, a technology enabled start-up helping Nigerian households use their wastes as a currency. Ecobarter innovatively keeps wastes away from the environment and improves Nigeria's adaptive capacity to climate risks such as flooding.

Rita Idehai | Nigeria

Ecobarter.com.ng info@ecobarter.africa, +2347043876287

# MAWEJJE CREATIONS

Dimma is the founder and Team leader at Mawejje Creations, Climate Activist He holds a certificate in Business Development, and Social Entrepreneurship design is a Co-founder of Commune Fabric, an Advisory Member of Because Accelerator, an Advisory Board Member of ICT4Education, an Ethical Fashion Designer, Global Environment Award Nominee 2023, Young Climate Prize Winner 2023, 25under25 Legacy Award, 1000 Greta Awardee 2022.

# Mawejje Muhammed Dimma

dimma256@gmail.com

# AIRQO

Growing up in rural Uganda, Engineer first encountered the pollution affecting his country's capital when traveling 300 kilometers from his family home to study Computer Science at Makerere University in Kampala. Today he's the Head of the Department of Computer Science at Makerere University, leading their pioneering AirQo project. AirQo builds and uses low-cost sensors and artificial intelligence (AI) models to accurately monitor and forecast air quality. Together with his team, Engineer is working to expand this project from Kampala to other cities across the continent, including Nairobi, Kisumu, Lagos, Yaounde, Doula, Accra, and Bujumbura.

#### Engineer Bainomugisha | Uganda

https://airqo.africa

# **CHEVEUX ORGANIQUE INTERNATIONAL LIMITED**







Greetings, My name is Basangwa Johnson, the on ground operations Manager at Cheveux Organique International limited, a delegate representing Mrs. Juliet Kakwerre. I will talk about our innovative hair that we produce from Banana fibre.



Michael Basangwa | Uganda

www.cheveux-organique.com





Nouran Farouk is the CEO & Co-founder of Dosy. She is a trained physician, social entrepreneur and social media & marketing specialist, with an interest in healthcare and lifestyle. She is an active volunteer within the start-up environment supporting ventures focused on climate change, health, well-being, and her sister Menna Farouk. She has more than 7 years of experience in well-being and nutrition which also helps in convincing our customers of riding environmentally friendly means of transport like bicycles and e-scooters. She has also worked on many other start-ups. She has graduated from Medical school in Cairo with a Master's degree in internal medicine & she's now an MBA candidate.

#### **Nouran Aly Farouk | Egypt**

+201021181364

# FLAMINGO SANITATION SOLUTIONS

Melanie Holderness is passionate about environmental issues and social upliftment. She is one of the founding directors of Flamingo Sanitation Solutions and currently serves on the board of the Cape of Good Hope SPCA. She is a practising advocate and has completed several terms as an acting judge of the High Court of South Africa, Western Cape Division. She is an accredited mediator and arbitrator.

Melanie obtained her BA.LLB degrees from Rhodes University in 1996 and 1998, and her MBA from the UCT Graduate School of Business in 2002. Her favourite pastimes are spending time with her family, reading, trail running and surfing with her daughter. She is slowly learning isiXhosa and loving every minute of it.

Melanie Holderness | South Africa

melanie@flamingosanitation.org

**PROTECTING THE EARTH'S FRESH WATER RESOURCES** - A CIRCULAR APPROACH TO DRY SANITATION

# PREVENTATIV TOILET AMING anie Holderness | Flamingo Sanitation Solutions NPC | melanie@flam

. . .



# NDF ENERGY

Atushe Mubonenwa is 22-year-old first-year power electrical engineering student at the Namibia University of Science and Technology. She is passionate about sustainable energy and tackling climate change through developing innovative solutions. This same passion drove her to start thinking and developing solutions to mitigate certain issues caused by Covid-19 pandemic. Today she will present her business idea on: Enhancing access to hydrogen vehicles in Africa through retrofitting.



#### Atushe Mubonenwa | Namibia

atushemubonenwa@gmail.com +264816170708

# **KOKO NETWORKS**



Sophie is a Government and Stakeholder Relations, Business Strategy and Communications expert with multiple years' experience across both private and public sector.

She currently holds the position of Group Head of Public Affairs at KOKO Networks where she is responsible for engaging Governments to understand how KOKO Fuel can enable the transition from charcoal and firewood to a clean and renewable energy source. In addition, she loves engaging with various audiences to understand the role of carbon markets as an enabler.

She is passionate about making a difference in the lives of women and children and in mentoring the next generation of leaders.

#### Sophie Odupoy | Kenya

linkedin.com/in/sophie-odupoy-38121829



Jesse Forrester is a passionate advocate for e-mobility. Driven by a profound concern for the detrimental effects of vehicle pollution, particularly from smoke-emitting public service vehicles, and inspired by the transformative transportation regulations of Kenyan Transport Minister the late John Michuki in the early 2000s, Jesse embarked on a mission to establish an e-mobility company. This journey began during his secondary school days when his passion for engineering ignited, and it flourished during his time at the African Leadership Academy (ALA), where he honed his entrepreneurial and leadership skills. Notably, he was part of the ALA team that designed "The Living Machine," a water treatment system that earned them the esteemed \$100,000 Zayed Sustainability Prize in 2019, reinforcing his commitment to addressing environmental challenges.

In 2021, he founded and operationalized Mazi Mobility, a venture dedicated to electrifying Africa's transportation landscape. By locally assembling electric motorcycles and establishing battery-swapping stations, Mazi is not only empowering consumers with eco-friendly transportation options but also creating local employment opportunities and stimulating economic growth. Beyond his entrepreneurial pursuits, he actively engages with climate-tech ventures and collaborates with organizations, such as the Mulago Foundation and Kenya Climate Innovation Centre to accelerate the adoption of clean technologies in Africa.

# MUKULIMASOKO

MukulimaSoko is a digital as well as physical civic and AgriTech platform to amplify the voice of agricultural stakeholders in decision-making, accountability, transparency of governance processes and agricultural problem-solving.

#### Mbumba Lapaque | DRC

https://mukulimasoko.com/ +243991328671

# MWAMBAO COASTAL COMMUNITY NETWORK TANZANIA

Mohammed was raised on Tumbatu Island Zanzibar, one of the famous artisanal fishing communities. His passion and commitment to supporting marginalized and local communities to realize their full potential encouraged him to pursue a Bachelor's Degree in Community Development. Before joining Mwambao, he worked as a Community Engagement Officer with Plan International Tanzania. He is excellent in community engagement, participatory facilitation, and resource monitoring. He joined Mwambao in 2021 as a Co-management Field Officer and later was promoted to Program Manager. His desire is to support coastal communities (artisanal fishers) to build resilience in the management of their surrounding coastal and marine resources to sustain their lives. Inspiring communities to understand their roles and responsibilities in maintaining healthy coastal and marine ecosystems through conservation whilst wise utilized for community prosperity.

#### 🚺 Mohammed Ame Juma | Tanzania

gola.juma@mwambao.or.tz +255658211251



# AFRICAN ASSOCIATION OF YOUNG INSURANCE PROFESSIONALS (YIPS AFRICA)

Tobi Osanaiye is the Founder & President of the African Association of Young Insurance Professionals (YIPs Africa) and an employee of FBS Re where he serves as a Senior Business Executive with specialization in Underwriting and Marketing. He is a First-Class Graduate of Insurance and has an MSc. Degree in International Business from Coventry University, United Kingdom. Furthermore, Tobi is an Associate of the Chartered Insurance Institute of Nigeria and acquired his Leadership training at the Global Leaders Institute in California, USA. Tobi's passion for Sustainable Insurance opportune him to be selected as a Fellow of the 2021 Climate Academy anchored by the United Nations University – Institute for Environment and Human Security (UNU-EHS) in affiliation with Munich Re Foundation and the United Nations Framework Convention for Climate Change (UNFCCC), where he is using his risk management and research skills to proffer part of the solutions to the Climate Change challenges ravaging the globe today.

Tobi Osanaiye

+2348157473417

# CARLOS MORGADO FOUNDATION

Ruben Ferreira Morgado, founder of RM-Arquisign, Lda, was born in Maputo in 1977 where he lives after several years abroad. He has a Master's degree in Architecture and Sustainable Design from the Catholic University of America in Washington DC. Entrepreneur, from an early age, in the area of architecture and design, where he developed health, education and residential projects and, more recently, turned to renewable energy, developing energy transition solutions for rural areas for an organizational that he also founded, the Carlos Morgado Foundation.

#### 🕆 Ruben Ferreira Morgado | Mozambique

solargiraffe.carlosmorgado.org rmorgado@carlosmorgado.org +25884306332\_

# **AGRI-HYDRAULICS BIKE TECHNOLOGIES**

I am Awii Clinton, the CEO and Founder of Agri-hydraulics Bike Technologies. Agri-hydraulics Ltd is a pioneering company specializing in the manufacturing of hydraulic-powered refrigerated bikes designed for the transportation of milk and fresh produce. I strive to make a positive impact in the agricultural industry by creating solutions that address the unique challenges faced by farmers. Through Agri-hydraulics Bike Technologies, I aim to revolutionize the way farmers transport their goods, contributing to a more sustainable and efficient agricultural ecosystem. My vision is to empower farmers with cleantech solutions that optimize their operations, improve productivity, and ultimately contribute to global food security. With a relentless pursuit of excellence, I am committed to driving positive change in the agricultural industry through exceptional design and innovative technology.

#### 🕂 Awii Clinton | Kenya

#### awiiclinton1@gmail.com +254746957623





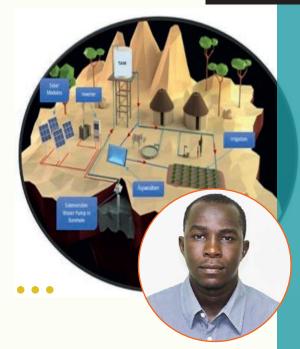
Allow me to introduce myself as TIDJANI Abbas, hailing from the Central African Republic and presently residing in Benin. I am the founder and leader of Agro Bio Solutions (ABS), an innovative company specialized in the production and marketing of organic agricultural inputs.

Our company is dedicated to the research, development, and distribution of environmentally friendly agricultural products, with the aim of enhancing the quality and sustainability of agriculture. Our commitment to eco-friendly farming practices and our unwavering passion for innovation are at the very heart of our mission.

#### Tidjani Abbas | Benin

tidjaniabbass@gmail.com +22994748390

# AGRO-BUSINESS CONSULTING GROUP



Agro-Business Consulting Group is a limited liability enterprise in Chad and is located in Linia District. Agro-Business Consulting Group (ABCG) provides households with fruits and vegetables such as tomatoes, onions, okra and garlic for their daily home cooking as well as Fish and meat. Linia District is a farming community located at 30 km from the capital city of N'Djamena in the Republic of Chad with a population of more than 2000. Our products will be supplied to the capital city markets.

The system consist of the use of submerged solar water pump using drip irrigation system on one hectare to grow high values crops such as tomatoes, onions, carrots and garlic. The water from the aquaculture as well as the fish wastes will be supplied to the irrigation system. A water trough is also connected to the system to provide water for livestock as to boost the animal rearing system and the animal wastes will be used as fertilizer. Concretely, this method is a response to improve agricultural production throughout the year. This system runs on solar energy. Clean and abundant energy that leaves no carbon footprint.

The business will maximize profit and create more jobs for youths and women.

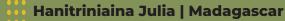
#### 👬 Marne Ramadan | Chad

ramadanmarne@gmail.com +23598958747 | 62653868

# **BIO CLIMATE HUB**

Through its overall biodiversity, its level of endemism and its rate of deforestation, Madagascar is one of the greatest hotspots in the world for the conservation of biodiversity. Indeed, it is always important to consider each action of climate innovation in parallel with the mitigation measure of any gesture or work that involves risks that leads to the detriment of the environment and this biodiversity. This is why our action particularly concerns the restoration of the aquatic ecosystem by repairing the natural environment of the penjy or Lepironia in the region of Toamasina. Toamasina region is located on the east coast of the island, it is the economic capital of Madagascar. Due to its geographical location, climate and the characteristic of soil fertility, 80% of its populations live on the exploitation of the environment (agriculture, fishing, forest, crafts, etc.) to survive. This is why this region suffers from a major conflict between environment of penjy or Lepironia, which is a herbaceous plant used as a raw material for Betsimisaraka basketry for decades, is one of the problems that must be overcome to restore the aquatic ecosystem.

The natural habitat of the penjy or Lepironia is often characterized by expanses of coastal lakes associated with lagoons and also some wooded marshes. Also, an important place for the mating of aquatic animals and the nests of small birds. However, this plant has become overexploited and rare because of its traditional method of harvesting by directly tearing the stem with its roots, which leads to the constant detriment of the whole plant. This innovative action involves the creation of a simple and easy training manual dedicated specifically to rural adult women out of school, followed by a mass training session. This manual contains training on the new method of harvesting by cutting the stem of penjy or Lepironia as well as the approach to nursery production. This new method of stem cuttings is beneficial for restoring the natural environment of the said plant and will thus be able to multiply it quickly by dividing its clumps.





METHOD OF HARVESTING THE PENY PLANT OR LEPIRONIA IN ORDER TO CONJERVE AND RESTORE ITS NATURAL ENVIRONMENT

niainajulia@gmail.com

# **COMMUNITY CLIMATE ACTION TRUST**



Eric Morgen Moyo is a Climate Action practitioner, a Climate Justice Research consultant, and the founding director on Climate Change focused Non-governmental organisation (NGO). He has a keen interest on use of movement-building, advocacy and research as approaches to address structural and systemic issues hindering empowerment of the African youth.

Eric has been actively involved in leading regional and local researches on climate change as well as youth development issues which included amongst others, Mapping of Young Climate Justice Advocacy in Zimbabwe for WWF, and Plan Internationals National Research on Mapping Youth Civic Society for Climate Resilience. Apart from his research work, Eric is actively involved in conceptualization and development of innovative tools for climate resilience through his Innovators for Climate Resilience Group

#### Eric Morgen Moyo | Zimbabwe

ericmoyoza@gmail.com

# SYNGENTA FOUNDATION

Samuel GUINDO, Agriservices Program Manager, Bamako - Mali and AICCRA project focal point for the Syngenta Foundation. Samuel joined SFSA in 2016 as Coordinator of the Regional Rice Project. Since 2018, he has held the position of Agriservices Program Manager. Before joining SFSA he worked in agricultural research for 5 years as Scientific Officer at ICRISAT. He has remarkable experience in managing Food Security and Livelihoods projects with international NGOs such as Oxfam GB, Action Against Hunger where he worked for more than 5 years as well. He is an agronomist by training and has a master's degree in Agricultural Policy and Farmers' Economics. Today, with more than 16 years of experience Samuel is in charge of the development of Agriservices program projects, the promotion of agricultural entrepreneurship and youth and women's employment, and the dissemination of climate-smart technologies.



samuel.guindo@syngenta.com



# ECOPESA



Noely Mapunda (30) is a change maker and entrepreneur from Tanzania. He has 5 years experience in Waste management and Business administration. He is the founder of ECOPESA a green digital financial inclusion enterprise enabling local green doers to utilize green data sets to gather green credits to secure a liveable I want Awards, 2020, Global Emerging Youth Awards for Climate 2021 and delegate at United Nations Climate conference, Madrid 2019. He envisions a world where everyone has credits to secure a liveable future for All.

#### Noely Mapunda | Tanzania

mapundano@gmail.com

# **GREEN COMPOST IN AGRICULTURE FOR DEVELOPMENT**

My name is Abubakarr Ibrahim Ndopaie, a Sierra Leonean graduate with bachelor degree in Sociology from Njala University, graduate certificate in Evaluating and Managing for Sustainable development Impact from Wageningen University & Research and a certificate in Applying Ecosystem Restoration Intervention. I am passionate about climate change, a youth green entrepreneur, an advocate for climate founder and head of Program for Green Compost In Agriculture for Development, and with over 5 years' experience in transforming waste to wealth and linking waste to promote sustainable agricultural practices to enhance food security. I am available for speaking engagement.

I also offer agronomics training to farmers, when and how to apply fertilizer on crops. Conduct soil tests, and assist farmers with maize and groundnut planter, our business also creates

I am also an active member of the National Federation of Farmers in Sierra Leone, in Kenema District.

#### Abubakarr Ibrahim Ndopaie | Sierra Leone

greenpostinagriculturefordev@gmail.com http://green-compost.unaux.com ndopaieabi26251@gmail.com +23278351889 | +23231049129





# FARMER LIFELINE TECHNOLOGIES

Jacob Maina recently joined Farmer Lifeline as the Technology Lead (CTO). He is a senior software engineer, holder of a Bachelor's degree in Information Technology Projects Management, a graduate of Africa's best coding school-Moringa School, holder of MBA Global Business Administration from Catholic University of Sacred Heart of Milan Italy and currently undertaking a second Masters degree in ICT at United States International University. He has 7 years experience building AI and Machine Learning systems ranging from intelligent transport systems to intelligent agricultural systems.

Using AI Machines to get farmers ahead of crop pests and diseases.

Jacob Maina | Kenya

www.farmerlifeline.co.ke +254700093587



# SAIIAS YOUTH POLICY COMMITTEE



. . .

Hajar ahjum-mathee is a 20-year-old student at the University of the Western Cape (UWC) where she studies medical bioscience. She is a self-acclaimed intersectional feminist and young leader. Hajar has been an advocate of gender equality and women empowerment for numerous years now. At 16, she published her first journal article on intersectional feminism. Hajar was elected public speaking and model united nations debating captain in grade 10 and went on to chair many debates after graduation. She currently serves as the Senior Director for Delegate Experience at the International Model United Nations Association (IMUNA). She continues to be involved in both climate and multiple gender activism projects, advocates online and is a National Focal Points person for the Inclusive Societies Youth Policy Committee (YPC). Recently she was a coordinator and part of the final editing team of South Africa's first ever Youth Gender Action Plan. In 2023, Hajar was invited as a representative for the annual Commission on the Status of Women Conference in at the UN Headquarters in New York.

#### Hajar ahjum-mathee | South Africa

its.hajoo17@gmail.com

#### LABORATOIRE DE RECHERCHE EN AQUACULTURE ET ECOTOXICOLOGIE AQUATIQUE (LARAEAQ)



Je suis Zoullfaou SIDI OROU MASSARA, Doctorante en pêche et Aquaculture (Agronomie)à l'Université de Parakou et également Titulaire de licence en Médiation et Facilitation de Développement (Sociologie). Jeune activiste engagée pour le climat et le droit des enfants et des femmes. Présidente de l'ONG AFRICA SHINE, organisation spécialisée dans l'éducation environnementale, la protection de l'enfance et dans le leadership et entreprenariat féminin. Alumni de plusieurs programmes : Nairobi summer school 3 au Kenya, Ashoka Afrique francophone au Sénégal, Université d'été des droits humains au Burkina, et également lauréate de plusieurs prix,etc.

#### Zoulfaou Sidi Orou Massara | Benin

zoulfas@gmail.com

# LANFORCE ENERGY

Judith Marera is the founder and CEO of Lanforce Energy in Zimbabwe. This is a women led for profit social enterprise in the renewable energy sector.

Her background supplemented with her experience at the Meteorological Services Department and the World Meteorological Organisation, urged her to find solutions to mitigate the effects of climate change.

Judith is passionate about eradicating energy poverty and empowering women by going green for future generations.

#### 🔡 Judith Marera | Zimbabwe

judith@lanforce.co.zw





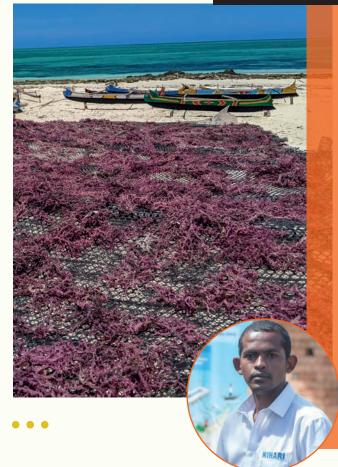
# LUSAKA SMOKELESS CHARCOAL

Lusaka Smokeless Charcoal, a female-owned startup, is dedicated to tackling climate change and uplifting communities in Zambia. Our transformative mission focuses on crafting premium biomass charcoal briquettes, revolutionizing energy production sustainably. Through our initiative, we're actively creating employment opportunities for women and youth by imparting them with production skills and empowering them to contribute to our sustainable energy solutions, we're driving positive change from the ground up. Our journey began with the idea of transforming agricultural and forestry residues into eco-friendly, clean-burning fuel sources. Beyond business, we're a catalyst for positive change. We seamlessly blend traditional wisdom with modern techniques in our production process, yielding briquettes that ignite efficiently and endure. Embracing nature's ingredients, we actively drive a circular economy, curbing carbon emissions, and preserving Zambia's invaluable forests.

#### Mambwe Sibande | Zambia

mambwesibande@gmail.com

# **MIHARI NETWORK**



Tianome Andriantsalama is from Mihari Network of locally collection of data using new technologies for monitoring fisheries and tracking infringements in protected areas in Madagascar. It is setting up a national online database that can be consulted by all actors on locally managed marine areas, on the vulnerability to climate change of income-generating activities of communities. Local data is collected directly by the local communities who are trained there, using new technologies (Application and smartphone). Then, will be automatically uploaded to a local MIHARI server, which will perform the analysis automatically, and will be shared in real time with the actors. Updates are done spontaneously thanks to the continuous collection of information on the ground by community leaders, and which no longer require a long journey for the delivery of data and/or complicated entries. Local practices in terms of nature-based solutions practiced by local communities to improve their income-generating activities promoting the blue economy and their results are also capitalized on, such as the production in seaweed farming, fisheries, etc.)

#### Tianome Andriantsalama | Madagascar

tianome@mihari-network.org

Kelvin is the CEO and Founder of Mobi-Water, a company that specializes in real-time water monitoring, management, and billing software. Mobi-Water utilizes cutting-edge smart sensors and meters to collect real-time data and analytics, allowing communities, businesses, and utilities to efficiently monitor water availability, usage and ground water health. This innovative approach helps increase water access in vulnerable communities by up to 30%, while reducing water wastage and over-use in heavy consumers by 15%.

Kelvin, who has a background in Water Resource Engineering, is passionate about integrating emerging technologies into the African water sector. He has experience working in both rural and urban water systems and has been recognized for his innovation, including being a finalist in the Africa Prize for Engineering Innovation 2017 hosted by the Royal Academy of Engineering (U.K.), winner of the Kenya National Innovation Awards 2020 in the Manufacturing and ICT category, alumni of the Airbus Bizlab Africa for Future program, and recipient of the Top 40 under 40 2021 by Business Daily Kenya.

Kelvin Gacheru | Kenya

gacheru@mobiwater.co.ke

# **MOBI-WATER**





# **MOUNTAIN HUB | GREEN HACK**

Ayuk Etta is a technology and sustainability Entrepreneur, a venture builder, and a start-up ecosystem architect. With over 10 years of experience in the technology space in Africa, I am passionate about leveraging technology to accelerate the continent's development. I believe a mix of technology, innovation, entrepreneurship, and sustainability can be used as a tool to supercharge our continent's growth.

#### 👬 Ayuk Etta | Cameroon

ayuk@mountainhub.africa +237676101785

# NATURA

Sama Lesly Tankfu is a 24-year-old award winning environmental enthusiast. He sought to solve problems that contributes to the greater good of our environment and protect our planet's future, particularly in Africa.

He is the founder of Natura, a start-up that aim to reduce greenhouse gas emissions, promote biodiversity conservation, access to clean water and mitigate environmental degradation.

#### Sama Lesly Tankfu | Cameroon

leslysama1998@gmail.com +237670667432





# **POWERSTOVE ENERGY**

Okey Esse is a Nigerian entrepreneur and CEO of Powerstove Energy, a company he founded in 2015. Powerstove Energy is a clean energy company that specializes in the production of clean cookstoves and other renewable energy products. Their clean cookstoves are designed to reduce emissions and improve air quality, while also being affordable and accessible to people in low-income communities.

💿 Okey Ibekwe Esse | Nigeria

www.powerstove.africa okeyesse@yahoo.com

# FARMSPACE TECHNOLOGY

My name is Tijjani Ali Lawal from Nigeria, am the co-founder of Farmspace technology where we offer affordable soil testing-as-a-service to smallholder farmers to help them use fertilizer and other farm inputs more efficiently. We have developed an on-field portable Al-powered soil analysis device that measures soil parameters such as nutrients, PH, moisture and conductivity on real time then provide actionable data-driven precision farming insights to help farmers increase their productivity and sustainably manage the soil with less environmental impact.

#### Tijjani Ali Lawal | Nigeria

tijjanali@gmail.com





Joseph NIYOMUKIZA is a social Entrepreneur and Leader, He has bee leading several Projects of Youth and women development, capacity building, Digital economy, Job creation and SMEs development, Environmental and climate change, food security and Nutritional projects

Currently focusing on Digital skills enhancement for job creation and feeding the city by promoting urban farming and technology adaptation in Agriculture sector, use of renewable energy, cold chain and circular economy.

#### Joseph Niyomukiza | Rwanda

joseniyo4@gmail.com



# **UR-GRID INNOVATION AND INCUBATION HUB**

Pascal Nyiringango is a Ph.D. candidate with a research topic related to the impact of university-embedded hubs, he has a master's degree in social entrepreneurship and innovation.

He is the head of business development and commercialization at the African center of excellence in energy for sustainable development.

Grid Innovation and Incubation Hub (GIIH) include the PV-Grid Power System that is an electronic device that is used to connect and changes automatically with energy sources with a small amount of delayed time.

An additional innovation is the Gorilla Cook Stove (biomass gasified stove).

#### 🚺 Pascal Nyiringango | Rwanda





# KCG AQUATEC FISH FARMING CONSULTANCY COMPANY



My name is Scola Kevin Ponera, I am a Co-Founder at KCG Aquatec Fish Farming Consultancy Company, I poses Masters in Business Administration (MBA), Msc. Natural Resource Management and Sustainable Agriculture (MNRSA) and Bsc. Wildlife Management (WL).

#### 🐻 Scola Kevin Ponera | Tanzania

scolarpon@yahoo.com +255765683700



# AGRONOMYBOX BY UMOJALANDS

Kumbirai is a young technology entrepreneur who is very passionate about technology for social good. He is the current Co-founder and Chief Operating Officer at UmojaLands, an integrated tradFl - DeFi company driven to reduce the financing deficit of marginalised small holder farmers in the emerging rural economies of Africa. Kumbirai is a Computer Scientist by profession and holds numerous certifications in ICT, Leadership, Business and Entrepreneurship. A well rounded speaker who has spoken at a number of high level tech events locally and internationally

Kumbirai finds fulfillment in building and nurturing relationships/partnerships with stakeholders, local and marginalized communities, civil society organizations and business leaders with a special focus on incorporating strategies of collaboration, improvement and learning cycles, helping him deliver economic value, reflecting on feedback and adapting to changes.

#### 👯 Kumbirai Emmanuel Chimukupete | Zimbabwe

emmachimkupete@gmail.com



# OCTAVIA CARBON | PROJECT HUMMINGBIRD: AFRICA'S FIRST DIRECT AIR CAPTURE (DAC) + STORAGE PLANT



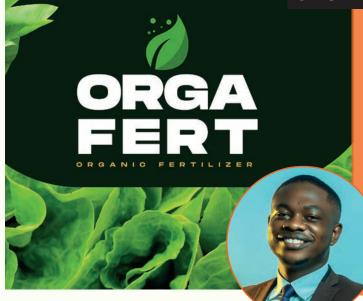
Octavia Carbon is the Global South's first Direct Air Capture (DAC )company and Diana leads Octavia's business team. As such, she leads stakeholder engagement, such as with local communities of global CDR industry associations. She also leads on writing-intensive tasks like customer & investor due diligences. Furthermore, she leads Octavia's policy work, e.g., engaging in the amendment of Kenya's climate change bill of 2023 on the standardization of the Kenyan Carbon Market. Before joining Octavia, Diana was an IT specialist at Coca Cola Beverages where she focused on digitizing their operations. She holds a Bachelor's degree in Business Information Technology from Strathmore University.



Diana Maranga | Kenya

diana@octaviacarbon.com

#### **ORGAFERT LTD**



Nana Kusi Appiah is a young individual with over six years of experience in the Agricultural sector. Currently, he serves as the Business Lead for OrgaFert, a fertilizer start-up which he founded. With a Bachelors Degree in Agriculture (Crop Science Major), Nana is committed to helping farmers produce more food to meet the growing population. He is dedicated to making a positive impact in his community and beyond, striving to find innovative solutions to complex problems and empowering others to do the same for a sustainable world.

PRESECT

ure Organi

50Kg

www.prosectfeed.com

PR SECT

Entopac

#### Nana Kusi Appiah | Ghana

nanakusi08@gmail.com +233545929897

# **PROSECT FEED LIMITED**

Kwabena Tufuor is a marketer and co-founder of ProSect Feed, an agribusiness start up which emerged as one of the winners of the Kosmos Innovation Centre's Agritech Challenge in 2019, which tackles the problem of high feed cost through the production of a low-cost but high quality insect-based protein feed and concentrate for local poultry, fish and pig farmers.. He also runs another start-up, Bortiz Consult which provides marketing consultancy and facilities management services to key organisations of which some are members of the Ghana Club 100. As an individual passionate about leadership, Kwabena volunteers to help mentor youngsters who are in senior high school and tertiary institutions in areas of finding one's life purpose, academic excellence, entrepreneurship and self-discipline. Quite apart from this, Kwabena periodically contributes to panel discussions on entrepreneurship, the state and future of agribusiness in Africa and civic responsibilities. Kwabena's dream for Ghana and Africa is to become an agricultural and technology driven powerhouse in the 21st century, where the youth become her engine of growth.

Kwabena Tufuor | Ghana

kwabenatufuor@gmail.com

## RAINMAKER ENTERPRISE

James Thuch Madhier is the founder and CEO of the Rainmaker Enterprise, a non-profit social enterprise that transforms lives in conflict- and climate-change-affected regions by providing solar-powered water infrastructure to improve community health through irrigation farming, boosting food production levels to address extreme hunger.

#### **James Thuch Madhier | South Sudan**

james@rainmakerenterprise.org

# Product

# SANA SOLAR



onto Website

Anno 10 Anno 4 Tao Ilan **H Ula Ilan** • Marca Mala • Marca Mala • Marca Mala • Marca Mala





My name is Thobeka Zuma (South Africa). I am a Quantity Surveyor by training and passionate about green building and sustainable cities. I am founder and coordinator at Sana Solar.

My innovation is an ed-tech start up whose objective is to bridge the skills shortage gap in the renewable energy sector.

#### Thobeka Zuma | South Africa

thobekanomvelo3@gmail.com

# SANIVATION

2. Select a course

At Sanivation, Shadrack leads the project development team. He oversees both early- to -late-stage projects, ensuring that they reach financial close. Shadrack has over 10 years of experience in renewable energy, developing solar, wind, and biomass projects. Prior to joining Sanivation, Shadrack worked with Gaia Energy Platform Africa, an independent power producer backed by the International Finance Corporation with large renewable projects across Africa. Shadrack is skilled in project development, funding, and execution. He holds a B.A. & an M.A. in Environmental Planning and Management from the University of Nairobi.

# Shadrack Omwenga | Nairobi

s.omwenga@sanivation.com +254 (0)726 816 524 +237670667432



# TEAMUPCYCLERS

Jennifer Obiorah is an award-winning climate activist whose achievements and breakthroughs in the climate, environmental, economic, and SDG sectors are a testament to her unwavering commitment to creating positive change and her visionary leadership.

Her initiatives have been instrumental in reshaping the landscape of environmental sustainability. She has successfully reduced greenhouse gas emissions in the textile, plastic, and furniture industry by 40 percent in her community, Enugwu Agidi, and neighbourhood. Her relentless pursuit of a greener future has positioned her as a frontrunner in the race to combat climate change. Through her sustainable businesses, TeamUpcyclers, she upcycle textile wastes gathered from tailors shops into reusable sanitary pad and artworks.

#### Jennifer Uchechukwu Obiorah | Nigeria

obiorahjenifa@gmail.com +2349024356203

#### **TROPI-TECHNO**

An agronomist, he has been providing technical and organizational support to groups of smallholders since 2012, with a view to developing organic production chains in Togo.

The losses in productive performance that these production players face, due to their exposure to climatic hazards and soil degradation have enabled, LABODJA Ousmane to commit to consolidating the resilience capacities to climatic and economic hazards of communities of small rural producers through the company TROPI-TECHNO Sarl of which he is co-founder and CEO since 2018.

The main activity consists of promoting high-performance bio-local seeds adapted to climatic realities to help optimize agricultural productivity within organic and ecological farms.

The company works on leguminous seeds (Soy bean & Groundnut) to help restore soil fertility ; in association with perennial crops (Cashew, Néré & Shea) that protect soils with income diversification for producers.

Since 2018, Ousmane has also been involved in the development of sustainable food systems through the ATODAD organization he chairs to help ensure food autonomy, security and safety within our stakeholder communities.

He has trained more than 207 entrepreneurs in certified organic and ecological agricultural value chains.

#### 🚺 Labodja Ousmane | Togo

tropitechno@gmail.com



# WATER FOR DEVELOPMENT (WATER4DEV)

Water For Development (Water4Dev) is a youth-led community-based organization operating in Burundi with a core mission to improve access to safe water.

Producing chlorine locally: Towards a sustainable water treatment service delivery and diarrhoea control in rural Burundi

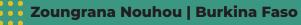
Niyikiza Eric | Burundi

ericniyikizas@gmail.com

# YOUTH PARLIAMENTARIANS FOR WATER SESSIONS

<image>

Zoungrana Nouhou is from Burkina Faso, is a geographer by training, and is pursuing a Master's degree in "Nature-based solutions for climate change adaptation and biodiversity conservation". Involved in youth organisations, he is the Communication and Advocacy Manager of the Burkina Faso Youth Parliament for Water (Parlement National de la Jeunesse Burkinabè pour l'Eau). Co-founder of the Act On Sahel movement, coordinator of the Burkina Youth Biodiversity Network, he has extensive experience in youth organisations working on environmental issues and in the water-biodiversity-climate-agriculture nexus.



nouhou.zoungrana@gmail.com



# WOMEN INCOME NETWORK

From Maggots- to Zero Waste to - Millions/ Economic Resilience



From Maggots

Zero Waste

To Millions

Janepher Matini, an accomplished economist accredited by Uganda's prestigious Makerere University, is a passionate advocate for climate change and the economic empowerment of marginalized rural women. As the co-founder and Finance Manager of Women Income Network (WIN), she drives impactful change through pioneering Maggot Farming Technology. This innovative approach effectively addresses challenges associated with improper organic waste disposal, the largest contributor to environmentally harmful greenhouse emissions. By converting biodegradable waste into eco-friendly products like bio-fertilizer and Maggo-Feed. She adaptly applies her knowledge of economics to harness principles that propel growth mechanisms. Her recognition as a 2021 Resolution Fellow and subsequent Jim Leach Fellow by the MasterCard Foundation at Queen's University in 2022 underscores her prowess in social entrepreneurship, strategic planning, and business expansion. Matini's exceptional collaborative skills are evident in her success securing grants from esteemed entities such as the Open Data Institute through the Peer Learning Network in collaboration with Microsoft Corporation, highlighting her role as an outstanding collaborator. Additionally, she serves as a Youth Representative in her district, exemplifying unwavering dedication to uplifting communities and spearheading innovative change.

#### Janepher Matini | Uganda

info@womenincomenetwork.org | www.womenincomenetwork.org 0709486667 | 0709612320 | 0753313377

# UMOJALANDS

2023-05-07 2023-05-06 202

Tafadzwanashe Gavi is an entrepreneur passionate about the fight against climate change and its effects on the Umojalands, a climate fintech start-up that provides remote satellite imagery and AI technology to help farmers adapt to a changing climate.

He is the founder of Umojalands System, a climate fintech start-up helping microfinance de-risk lending in Africa. He is a holder of honors degree in banking and Finance with more than 4 years' experience in rural micro lending.

#### Tafadzwanashe Gavi | Zimbabwe

Umojalands@gmail.com

# **DEWISE (THE SOLAR VILLAGE)**



Meet Seka Jean Blaise, a visionary leader and the president and founder of DeWise, a youth-led initiative that is making a significant impact in Cameroon. With a passion for social and economic empowerment, Seka is leading a team of 5 in the implementation of a project known as the Solar Village, aimed at revolutionizing the energy sector in Cameroon.

Through this project, Seka is empowering young Cameroonians to implement clean energy technologies tailored to the specific needs of rural communities in Cameroon. This initiative is not only improving public health but also reducing the adverse effects of climate change due to the burning of fossil fuels in rural communities.

In addition to his work on the Solar Village project, Seka is also running sensitization campaigns to raise awareness about the importance of clean energy and sustainable development in Cameroon. With his unwavering commitment to social and economic empowerment, Seka is truly making a difference in under served communities in Cameroon.

#### Seka Jean Blaise | Cameroon

sekajblazo@gmail.com

#### fresh fare



**ABOUT US** 

from farm to shelf.

PRODUCT

Fresh fare Ltd is a Nigerian Agro supply chain company. We are

leaveraging the cold chain technol

to reduce food waste, retain freshr

and facilitate prompt produce deliv

#### **OUR SERVICES**

#### SOURCING

We source fresh and wholesome farm produce(Fruits and vegetables) from small holder farmers.

#### WAREHOUSING

we store these fresh produce in thermo regulated, Solar powered cold rooms to retain nutritional value and avoid spoilage.

#### DISTRIBUTION

We transport from cold room to door step via our last mile delivery network.

# FRESH FARE LTD.

Sheila Moor is a versatile problem solver, Motivational and driven leader, excellent idea broker, sales and marketing specialist, communicator, project manager, Keynote speaker, an Advocate for the United Nations Sustainable development goals and an exceptional corporate events Compere. She is a trained Food Technologist with a demonstrated history in food processing, quality control and packaging. Highly skilled in public speaking, presentation, creative writing, project management, digital marketing and Human resource Management. Very open minded and eager to learn.

Sheila is passionate about Rebuilding sustainable Food systems promoting Climate smart Agriculture.

She is the founder of a community based organization: Food Army NG and Co-founder/CEO of an Agri-Tech startup:Fresh Fare Ltd. Sheila currently works with a European Agro Allied company in Nigeria as a Sales and Marketing Manager.

#### 🔸 Sheila Moor | Nigeria

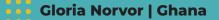
www.myfreshfare.com | Freshfaretech@gmail.com 07087177726

# GIRLS A

# **GIRLS ADVANCEMENT INITIATIVE**

Meet Gloria Norvor, a passionate UX designer and the visionary founder of Girls Advancement Initiative (GAI). She's dedicated to creating positive change through design and empowering women and girls with sustainable solutions.

Innovation: Eradicating Period Poverty while Protecting the Environment.



info@girlsadvancementinitiative.com | glorianorvor4@gmail.com5

# LOCAL CITIZEN FOUNDATION UGANDA (LOCIFU)

I'm Musimenta Godwin and am a climate change advocate and the director and founder of a non-profit local community based organization called " LOCAL CITIZEN FOUNDATION UGANDA (LOCIFU). Currently, am running a project tilled; "Women's Empowerment for Resilient and Adaptation against Climate Change in Rubanda District" .In Uganda, women make up a large part of the country's agricultural workforce, yet the importance of their role remains largely unrecognised. Their voices and concerns as farmers are scarcely heard at the national and global levels. The result is a disproportionate mismatch between rural women's voices and decision-making roles and their enormous <u>contribution to rural climate</u> change action.

# Musimenta Godwin | Uganda

musimentagodwin2014@gmail.com





# **MPEPU ENERGY**

Innovator and Sustainable Energy Professional

#### Chimpeni Madalitso

chimpenimadalitso@gmail.com

# FARMASYST LIMITED

Mohammed Hafiz Musah | Ghana | mmhafiz42@gmail.com

Slimani Rayene Si Mohamed| rayene@akoma.earth

# ZAKARI YAOU

Idrissa Abdou Siddo | greenbusiness.n@gmail.com

















MINISTRY OF Foreign and DIASPORA AFFAIRS



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE & FORESTRY

CGIAR

