ACCELERATING YOUTH-LED E-AGRICULTURE ENTREPRENEURSHIP
Africa Green Revolution Forum 2019
Supported by the Technical Centre for Agricultural and Rural Cooperation (CTA), Pitch AgriHack 2019 is open for young ICT start-ups from Africa, the Caribbean and the Pacific (ACP) providing services to the agrifood sector. It is open to young female and male owners/co-founders of an already developed e-agriculture application or platform. The final round of the competition and announcement of winners will take place during the African Green Revolution Forum (AGRF) 2019 in Accra, Ghana.

PITCH AGRIHACK INVOLVES:

- A start-up competition;
- Capacity building, mentorship and incubation opportunities;
- Promotional and networking opportunities;
- Facilitation of access to grants and investments.

Two categories are available:

- **Early Stage Platform**

  This category is open for e-agriculture platforms (mobile applications, hardware including a software, etc.) that are at an early stage and are generating revenues between €0 to 20,000 annually. These platforms include prototypes with functional features that demonstrate a good potential for success.

- **Mature Platform**

  This category is open for e-agriculture platforms (mobile applications, hardware including a software, etc.) that are at a more advanced stage and are generating revenues above €20,000 annually.

Benefits

Seven prizes will be awarded, including: a special data analytics prize; GreenTec Awards; OCP Group Award; and World Bank Awards. Each winning company will receive a cash prize of up to €15,000, as well as promotion and other business growth support.

The competition was launched in April 2019. Twenty-two finalists (of which 11 are women-led) have been selected out of 326 submissions.

The winners of the 2018 Pitch AgriHack are now improving and scaling up their services (smart greenhouse activities in Kenya, e-commerce facilitation in Benin, blockchain for agriculture use in Jamaica, animal vaccine and inputs management platform in Ghana, agricultural investment services in Nigeria, etc.).

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Crop2Cash (Nigeria), 2018 finalist pitching in Kigali, Rwanda.
ACCELERATING E-AGRICULTURE ENTREPRENEURSHIP

NUMBER OF START-UPS % GENDER
(all applicants)

50% OF FINALISTS ARE WOMEN-LED START-UPS
(11 out of 22 start-ups)

TOP 12 COUNTRIES
(all applicants)

50% OF FINALISTS ARE WOMEN-LED START-UPS
(11 out of 22 start-ups)

LAUNCH DATE OF ICT PLATFORMS SUBMITTED BY FINALISTS

FINALISTS’ PLATFORMS PER CATEGORY OF THE COMPETITION

MAIN SECTORS TARGETED BY FINALISTS

MAIN SERVICES OFFERED BY FINALISTS

PLATFORM TYPE
(finalists)

AGE OF FINALIST CO-FOUNDERS

START-UP REPRESENTATIVES PER REGION
(all applicants)

LINGUISTIC REPRESENTATION
(all applicants)

ENGLISH SPEAKING APPLICANTS

50.7% ENGLISH SPEAKING APPLICANTS

FRENCH SPEAKING APPLICANTS

25.8% FRENCH SPEAKING APPLICANTS

106 21 18 17 24 22 12 10 13 8 7 7

MAIN SECTORS
TARGETED BY FINALISTS

Crop production (35.93%)
Livestock (44.67%)
Fisheries/Fish farming (9.7%)
Forestry (9.7%)

PLATFORM TYPE
(finalists)

Mobile application (27.78%)
Hardware (11.1%)
Others (5.56%)
Web platform (50%)
Hardware + Software (5.56%)

AGE OF FINALIST CO-FOUNDERS

18 - 24 years old (40.91%)
25 - 29 years old (50%)
30 - 35 years old (5.56%)

LAUNCH DATE OF ICT PLATFORMS SUBMITTED BY FINALISTS

< 1 year (45.45%)
1 - 2 years (45.45%)
3 - 4 years (9.1%)

FINALISTS’ PLATFORMS PER CATEGORY OF THE COMPETITION

Early stage category (59.09%)
Mature category (40.91%)

MAIN SECTORS TARGETED BY FINALISTS

Crop production (35.93%)
Livestock (44.67%)
Fisheries/Fish farming (9.7%)
Forestry (9.7%)

FINALISTS’ COUNTRIES
Nigeria
Kenya
Benin
Ghana
Congo
Uganda
Senegal

START-UP REPRESENTATIVES PER REGION
(all applicants)

Western Africa (54.6%)
Southern Africa (9.2%)
Northern Africa (1.53%)
Eastern Africa (21.47%)
Central Africa (11.96%)
Carribean (0.62%)
Pacific (0.62%)

FINALISTS’ COUNTRIES
Nigeria
Kenya
Benin
Ghana
Congo
Uganda
Senegal

MAIN SERVICES OFFERED BY FINALISTS

Advisory services (49.04%)
Market linkages (53.93%)
Financial access (9.7%)
Supply Chain Management (3.33%)

ENGLISH SPEAKING APPLICANTS

50% OF FINALISTS ARE WOMEN-LED START-UPS
(11 out of 22 start-ups)
THE FINALISTS
(COMPANY NAMES IN ALPHABETICAL ORDER)

### Mature Platform Category

1. Akahosi, Uganda (Woman-led)
2. Aninifu Technologies Ltd, Kenya
3. City Digital Consults, Nigeria (Woman-led)
4. Farmingtech Solutions Ltd, Kenya (Woman-led)
5. Foodlocker Limited, Nigeria (Woman-led)
6. Jaguza Tech, Uganda
7. Jinukun SARL, Benin
8. Nano Air, Senegal
9. Recy World, Nigeria (Woman-led)
10. Jaguza Tech, Uganda
11. Jinukun SARL, Benin
12. Nano Air, Senegal
13. Recy World, Nigeria (Woman-led)

### Early Stage Platform Category

1. Agri Zoom, Congo
2. Efarmu Company, Uganda (Woman-led)
3. Endelea Uganda, Uganda (Woman-led)
4. Farmers Market Kenya, Kenya (Woman-led)
5. FoodMo Kit, Uganda
6. Raino Tech4Impact, Kenya (Woman-led)
7. Nocofio, Ghana
8. ProFish, Ghana (Woman-led)
9. Savannah Circuit Tech, Kenya
10. Technoplus IT Solutions Ltd, Uganda
11. Techshelfa Company Ltd, Ghana
12. The Fly Colony, Nigeria
13. Trackhall Global Technologies Nigeria, Nigeria (Woman-led)

### MEET THE FINALISTS

<table>
<thead>
<tr>
<th>Name of the application/platform</th>
<th>AGRI ZOOM</th>
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<tbody>
<tr>
<td>Representative</td>
<td>Steve Ndende</td>
</tr>
<tr>
<td>Name of the company</td>
<td>Agri Zoom</td>
</tr>
<tr>
<td>Country</td>
<td>Congo</td>
</tr>
<tr>
<td>Category in the competition</td>
<td>Early stage platform</td>
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<tr>
<td>Email</td>
<td><a href="mailto:ndende@agrizoom.xyz">ndende@agrizoom.xyz</a></td>
</tr>
<tr>
<td>Presentation of the platform/services</td>
<td>Agri Zoom is a crowdfunding and e-commerce platform that is helping farmers, fishing communities and agricultural processors to raise money in the form of an interest-bearing loan and to access the market for the sale of their products in order to avoid food waste, increase their productivity and create sustainable jobs.</td>
</tr>
<tr>
<td>Website of the platform/company</td>
<td><a href="http://agrizoom.xyz">http://agrizoom.xyz</a></td>
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<tr>
<td>Facebook</td>
<td><a href="https://www.facebook.com/AgriZoomApp">https://www.facebook.com/AgriZoomApp</a></td>
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</tbody>
</table>
Name of the application/platform: AGRICO
Representative: Juwairiya Ibrahim El-Yakub
Name of the company: Trackball Global Technologies Nigeria
Country: Nigeria
Category in the competition: Early stage platform
Email: juelyaks@gmail.com
Presentation of the platform/services: AgriCo is a web-based mobile application that will be designed to help improve the productivity and profitability of urban farming by providing farmers with best production practices (in rich multimedia formats), farm management tools, access to input, produce markets and micro-credits. With experience in horticultural and urban farming advisory service delivery, the team is seizing an opportunity to reach even more farmers by developing this mobile application.

AgriCo app will provide step-by-step guide to urban agriculture utilising the minimal space and resources whilst raising productivity per unit area utilising the vast forms of multimedia from videos, illustrations, texts to recorded podcasts. This feature will be useful for the growing number of new and potential farmers. The app will also give personalised updates regarding weather and market trends alongside access to input and produce markets. The app is designed to run as SaaS on a Free-mium based model.

Website of the platform/company: http://agrico.com.ng
Facebook: https://www.facebook.com/agricong
Twitter: https://twitter.com/agrico_ng
LinkedIn: https://www.linkedin.com/company/trackball-global-technologies-nigeria

Name of the application/platform: AKABOXI
Representative: Kyokusima Edinah Mabumba
Name of the company: Akaboxi
Country: Uganda
Category in the competition: Mature platform
Email: kyokusima@akaboxi.com
Presentation of the platform/services: Akaboxi aims to provide digital financial inclusion solutions to smallholder farmers (the majority who are women and unemployed youth in rural communities) to monitor and manage their savings as a group. This system replaces the rudimentary way of farmers keeping their savings in their leader’s home and instead provides a more secure, reliable and easy way to monitor and manage savings. The system also helps link farmers to their nearest formal financial institutions and open up bank accounts. The project has improved a culture of saving; people in Akaboxi save as groups of at least 30 individuals. The initiative offers immense possibilities for achieving inclusive economic growth, sustainable development, and poverty reduction through access to finance, at a reasonable cost, and provides a wide range of financial services to ensure that all households and businesses, regardless of income and education levels, can effectively use appropriate financial services.

Website of the platform/company: http://www.akaboxi.com
Facebook: https://www.facebook.com/Akaboxitech
Twitter: https://twitter.com/akaboxitech
LinkedIn: https://www.linkedin.com/company/akaboxi
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<tr>
<td>ARINIFU</td>
<td>George Chege</td>
<td>Arinifu Technologies Ltd</td>
<td>Kenya</td>
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<td><a href="mailto:georgekchege@gmail.com">georgekchege@gmail.com</a></td>
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<td><strong>Smart brooder</strong> is an environmental control device composed of a few sensors (1 humidity sensor and either 2 or 4 temperature sensors), which take readings throughout the brooding space and relays the data to a chip, which is programmed to determine the age of the chicks. The conditions in the brooding space are then regulated accordingly since, as chicks age, their feather and their environmental requirements change. Temperature is important for chick survival since they do not have the mechanism to maintain their internal temperature. Humidity is important since it determines the rate of bacterial growth within the coop. GSM is used to convey data to the farmer and an SMS is sent if something goes wrong. Having spoken to our farmers, we are also addressing market challenges with our next innovation: “an app”. The app will collect data from farmers so that they can use the analytics to determine the best inputs (feeds, chicks) to make their farms more efficient.</td>
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<td><a href="mailto:cdscoltd@gmail.com">cdscoltd@gmail.com</a></td>
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<td><strong><a href="http://www.docpol.com">www.docpol.com</a></strong> is powered by IT and poultry farm professionals. Our mission is to attract investment in the form of working capital and provide a handy expert guide and a marketplace for small-scale poultry farmers to succeed. Smallholder poultry farmers face a lot of challenges including high mortality rates (since they cannot employ experts to provide advice); market controlled prices and lack of affordable finance. We have developed an expert guide service, marketplace and investment programme. We have used technology to provide best farm practices faster, cheaper and in real time. We are leveraging economies of scale to drive unit costs down by programming industry experts to guide as many farmers as possible at a given time, as well as developing a virtual assistant mobile app with artificial intelligence.**</td>
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https://arinifu.com

https://www.facebook.com/arinifutech

https://twitter.com/Arinifu_Tech

http://www.citydigitalconsults.com

http://docpol.com

https://www.facebook.com/citydigitalconsults
EFARMU

Brendah Kembabazi

Efarmu company

Uganda

Early stage platform

brendabakesigaki@gmail.com

Efarmu dairy management software is a recordkeeping and analysis tool for dairy farmers. It has six modules: financial, milk management, animal registry, health, feeding and breeding modules, which are designed in detail to capture all activities. Farmers record their day-to-day activities under these modules which the system analyses to provide reports, schedule events and send out notifications in time to remind a farmer of upcoming activities. Our financial module also offers a cost benefit analysis to farmers enabling them to quickly tell if they are running at a profit or loss.

Our milk management module enables a farmer to compare productivity within the herd and between herds; and provides a brief report on milk production over the year. Our system also has a farmers’ library with well selected articles which farmers can read at their convenience to improve their knowledge gap in their farming ventures.

https://efarmu.com

FAWLEA

Crystal Kiseka

Endelea Uganda

Uganda

Early stage platform

crystalkiseka@gmail.com

Most farmers in Uganda lose up to 70% of their potential yield to fall armyworm and this directly affects their livelihood. The losses are due to improper, late identification of the pest and the lack of proper and consistent crop scouting. Our solution, FAWLEA is a smart identification and scouting tool that aims to reduce maize losses for mainly smallholder farmers by up to 90%. The solution is an android application that can be used by farmers independently or through a village agent, and it helps them to exclusively and accurately identify fall armyworm early, perform consistent and guided scouting, guides them on how to handle infestations, access agricultural specialists and other farmers; and provides them an avenue to profile and sell their produce.

Our target is to have at least 30,000 farmers and 1,000 village agents using the service by 2022.

https://web.facebook.com/endeleauganda
FARMERS MARKET KENYA

Kate Mengo
Farmers Market Kenya
Kenya
Early stage platform
kateymengo@gmail.com

Among the challenges that smallholder farmers have is access to affordable inputs and markets. Our solution to these challenges is a free online platform by the name of 'Farmers Market Kenya' that is specifically designed to help farmers market and sell farm-related products and services online. Farmers can post their produce online and wait for buyers to contact them within the convenience of their own farms which reduces the cost of selling and marketing. The biggest advantage of using our site is that it eliminates brokers and middlemen who take advantage of desperate farmers in open-air markets to demand hefty cuts.

The site also provides easy access to affordable inputs for smallholder farmers. Our aim is to facilitate the exchange of agricultural goods and services, thereby unlocking better markets and information access for Kenya’s smallholder farmers.

http://www.fmk.co.ke
https://www.facebook.com/farmersmarketkenya

DIGI COW

Jemimah Wanjiku
Farmingtech Solutions Ltd
Kenya
Mature platform
jemimah@digicow.co.ke

The demand for milk and related products in Kenya stands at 80% and is expected to rise as the population grows. However, milk production in Kenya stands at 10 litres per cow per day against a potential of 30 litres per cow per day. This is the problem we are solving through innovative mobile phone solutions.

We offer e-extension services through digital training, online consultancy and digital vet care services. Realised impact: improved livelihoods, boosted income, creation of job opportunities and boosted nutritional levels.

We plan to scale our services to 300,000 smallholder dairy farmers in Kenya in the next 3 yrs, impact 1 million dairy cows, and reduce the cost of reaching a farmer from US$8 to US$1 through strategic partnerships and collaborations.

http://www.digicow.co.ke
https://www.facebook.com/farmingtechsolutionsltd.co.ke
https://twitter.com/DigicowApp
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<tbody>
<tr>
<td>FOODLOCKER</td>
<td>Jennifer Okoduwa</td>
<td>Nigeria</td>
<td>Mature platform</td>
<td><a href="mailto:femi@foodlocker.com.ng">femi@foodlocker.com.ng</a></td>
<td>Foodlocker offers procurement efficiency, convenience, affordability, and pricing regularity to large buyers of farm-fresh foodstuff by aggregating and lightly processing smallholder farmer outputs and delivering those outputs directly to our customers, who include food processors, exporters, hotels, restaurants, bars, and retailers. In addition, we provide buyers demand information to farmers, helping them to produce according to demand requirements. We also provide logistics and storage infrastructure, and thus reduce post-harvest losses. Hence, we can provide offtake guarantees to farmers in our ecosystem to improve their outcomes.</td>
</tr>
<tr>
<td>FOOTMO KIT</td>
<td>Richard Mushusha</td>
<td>Uganda</td>
<td>Early stage platform</td>
<td><a href="mailto:mushushar@gmail.com">mushushar@gmail.com</a></td>
<td>FootMo Kit is a low-cost handheld device that diagnoses Foot and Mouth Disease in livestock in hard to reach and underserved areas to empower the farmer to do a diagnosis without relying on veterinary doctors and animal scientists. The device is put in a cattle’s mouths and it detects the disease against the antigen content in the saliva. We use the Beer Lambert’s law to measure the concentration of protein content in the saliva of an animal. We measure the body temperature of the animal and antigen content and compare them with threshold values. We use light sensors to display on the screen the red light and green light in abnormal and normal conditions, respectively. The results in real time are then displayed to the farmer on the screen. The farmer uses the mobile phone to view results incase he/she does not want to use the screen. When the animal is found to be infected, the farmer reports to the nearest animal scientists or veterinary doctors.</td>
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Website of the platform/company

- https://www.foodlocker.com.ng
- https://www.facebook.com/FoodlockerNigeria
- https://twitter.com/Foodlocker2

Website of the platform/company

- http://footmokit.com
- https://www.facebook.com/Footmokit
**JAGUZA**

Katamba Ronald

Jaguza Tech

Uganda

Mature platform

katambaronald@gmail.com

Jaguza is an online and offline, cloud-based livestock management system that incorporates the use of low-cost sensors, drones, livestock collars and GPS trackers to gather real-time information about location, speed, body temperature and stress levels of livestock. We propose cloud IoT based LMS (Livestock Management System) with features like animal healthcare monitoring and recording using IoT sensors via a wearable collar, Animal livestock identification using UID for animals (smart tag) and owners (smart card); QR code reading, processing and display of the details in mobile via wireless technologies.

The developed animal monitoring device is used to detect animal physiological parameters such as body temperature; physical gestures like sitting, standing, eating and heartbeat; and environmental parameters such as air temperature and relative humidity. Also, e-animal information management system is the comprehensive online and web-based animal husbandry software.

https://jaguzafarm.com

https://www.facebook.com/JaguzaLivestockApp

https://twitter.com/jagusa_app

https://www.linkedin.com/company/jagusa-tech

**JINIKUN STORE**

Mèdessé Mèlissain Bosson

Jinukun SARL

Benin

Mature platform

mélissain@jinukun.com

Jinikun Store is a platform (e-commerce site and AppMobile) on which consumers can fill their basket with local and agri-food products just like in the market and have them delivered.

The customer browses through the platform’s shelves, fills a basket with the products he chooses, confirms his order, pays online and the products are delivered wherever he wants. There is a possibility to pay on delivery in cash. When paying online through VISA, MobileMoney, our AgriPay solution allows to redistribute the share of each actor (producer, processor and distributor) instantly into electronic accounts created from a private blockchain network. Once in possession of his order, the consumer can scan the QR Code available on the packaging to know the essential information regarding the origin of the products.

With JinukunMaps, the customer can find a map of markets nearby through a geolocation system.

https://store.jinukun.com

https://www.facebook.com/jinukunstore

https://twitter.com/jinukunstore

https://www.linkedin.com/company/jinukun-store
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<tr>
<td>WIDIM POMPE</td>
<td>Oumar Basse</td>
<td>Nano Air</td>
<td>Senegal</td>
<td>Mature platform</td>
<td><a href="mailto:oumar.basse@nanoairtech.com">oumar.basse@nanoairtech.com</a></td>
<td>Widim Pompe is a remote irrigation solution that allows farmers to irrigate their field remotely and to receive water and electricity usage statistics through a mobile phone or smartphone. They can also be notified in case of intrusion on the installation site of the pump. One plugs the box on the existing electric pump then with simple SMS commands the farmer can start, stop or diagnose his pump. The solution is modular and can be connected to other sensors to automate irrigation and fertilisation process according to the needs of the plants. The box is rugged and resistant with a web interface for RJ45 or wireless administration, a plug-in radio and a 3G plugin. The technology used is open source, adapted to the local context (optional internet connection, SMS) and compatible with electro valves, solar pumps, three-phase, single-phase with starters DOL and STAR DELTA. <a href="http://nanoairtech.com">http://nanoairtech.com</a></td>
</tr>
<tr>
<td>NOCOFIO</td>
<td>Akwasi Tagoe</td>
<td>Nocofio</td>
<td>Ghana</td>
<td>Early stage platform</td>
<td><a href="mailto:akwasi888@gmail.com">akwasi888@gmail.com</a></td>
<td>Nocofio is an agritech platform that connects smallholder farmers with finance. Nocofio seeks to ensure that farmers are financially included in the growing economies across Africa. The Nocofio technology allows us to provide credit scores for the farmers along with market facilitation to ensure quick returns of investments to farm-partners. With this product we aim to make easy the access to finance problem facing farmers because they are unbanked and can not afford resources to expand their farms. The solution runs on an impact plus return on profit model where the farm partner gets returns on their investments from the farm outputs; farm partners also get to contribute to the food security status of the Nation. With Nocofio we are not just providing finance for farmers, we are also ensuring farmers are better with solutions along the value chain including providing buyers or offtakers for harvested produce. <a href="https://www.nocofio.com">https://www.nocofio.com</a></td>
</tr>
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</table>
Name of the application/platform
LOJAANOR

Representative
Pomeyie Caroline

Name of the company
ProFish

Country
Ghana

Category in the competition
Early stage platform

Email
pomeyiecaroline@yahoo.com

Presentation of the platform/services
Lojaanor is a platform that runs on a USSD application. Through Lojaanor, we are able to provide logistical services, and market access to our fish farmers. All a fish farmer needs to do is dial a short code *800*28# and then the farmer can register his stock.

The solution was created to be users-friendly considering that the users in most cases use a basic feature phone; they have their farms in rural areas so may not have internet access, and the users may not be very tech savvy but are able to make phone calls.

With this, we are also developing an order management system, an inventory management system and invoicing system that would enable us to render the best services.

Website of the platform/company
http://www.lojaanor.com

Facebook
https://www.facebook.com/Lojaanor-274785889769600

Twitter
https://twitter.com/lojaanor

Name of the application/platform
IOT POWERED OFFGRID STORAGE

Representative
Gachigi Abigail Waithira

Name of the company
Raino Tech4Impact

Country
Kenya

Category in the competition
Early stage platform

Email
abigail@raino.co.ke

Presentation of the platform/services
After the harvest, the small scale producers can use one of off-grid KIC Cool Boxes, this will help them have a longer retention period and therefore they can negotiate for better prices. Using the collaborative tool - Online Web platform - clients can book for our cold chain truck, this is a shared service and meant to help them access far markets in the main cities of Nairobi and Mombasa.

The traders are mostly in urban areas markets, but due to power loss, the high cost of the power, they need a backup to prolong the shelf life, our cold storage can take DC and AC. This means that it has an inbuilt solar powered backup system in case of power loss or rise in the cost of power.

We are offering a mobile cold truck on a shared services system that lowers the cost and removes access barriers to markets.

Market Insights: Open market forces change from time to time, many farmers generally aren’t able to adjust quickly.

Website of the platform/company
http://www.raino.co.ke/ https://www.facebook.com

Facebook
https://www.facebook.com/rainotech4impact/

Twitter
https://twitter.com/rainotech
<table>
<thead>
<tr>
<th>Name of the application/platform</th>
<th>RECY WORLD</th>
<th>MAZIWA+</th>
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<tbody>
<tr>
<td>Representative</td>
<td>Abigail Alabi</td>
<td>Percy Lemtukei</td>
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<tr>
<td>Name of the company</td>
<td>Recy World</td>
<td>Savanna Circuit Tech</td>
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<tr>
<td>Country</td>
<td>Nigeria</td>
<td>Kenya</td>
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<td>Category in the competition</td>
<td>Mature platform</td>
<td>Early stage platform</td>
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<td>Email</td>
<td><a href="mailto:abigail.alabi2015@gmail.com">abigail.alabi2015@gmail.com</a></td>
<td><a href="mailto:percy@sav-circuit.com">percy@sav-circuit.com</a></td>
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<tr>
<td>Presentation of the platform/services</td>
<td>Recy World is an ag-tech social enterprise that connects tractor owners and farmers in Sub-Saharan Africa through an Internet-of-Things digital platform where farmers are able to request affordable and convenient tractor services to plant more acres faster and at one-third the cost. Recy World uses a gig economy approach to providing tractors to farmers who would normally not be able to afford them. The farmers sign up on the platform and are matched with tractor fleet providers from whom they rent tractors for a fee. Recy World’s solution begins with a hardware-monitoring device that can be installed on any tractor, connecting it to the cloud for remote data tracking and analytics. Our platform simplifies complex data to make shared tractors profitable as business assets. Our technology enables farmers to increase yields, improve livelihoods and food security for their families and communities.</td>
<td>Eight million smallholder farmers in remote, rural Kenya face a multitude of challenges in terms of getting their food to market safely and efficiently, and achieving a fair price for it. Erratic and expensive energy supplies, insufficient storage facilities, poor roads and unsuitable transportation methods mean milk often lose some, or all, of its value before they reach processors or other buyers. Difficulties in tracking and recording the location, quality, volume and price of produce makes it easier for unscrupulous middlemen to cheat producers. These hurdles trap many farmers in a subsistence loop, which prevents them from increasing their profits and scaling up, and reduces lenders’ confidence that any loans will be repaid. To solve this Savanna Circuit has developed a comprehensive solution Maziwaplus Prechiller and M+ Milk Collection App. This innovation is not only for milk post harvest losses but also, traceability, accountability and profits.</td>
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<td>Name of the application/platform</td>
<td>Representative</td>
<td>Name of the company</td>
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<td>AGRIPOLL</td>
<td>Mahad Kateregga</td>
<td>Technoplus IT Solutions Ltd</td>
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<td>TECHSHELTA</td>
<td>Bob Hawkson Ampomah</td>
<td>TechShelta Company Ltd</td>
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THE FLY COLONY

Adeneke Olufemi Olawale

The Fly Colony

Nigeria

Early stage platform

daily.fresh.farms@gmail.com

The fly colony is Africa’s first digital circular economy platform for animal feed production.

The digital platform provides the following services:

1. Data analytics services: The platform uses Big Query to provide a managed data analytics services for food waste suppliers to the colony. Using Artificial intelligence (AI) the platform provides insights needed for efficient food waste collection and supply. Such insights includes type of waste, location, suitability, peak periods, price and location of food waste, etc.
2. Feed formulation: The platform is integrated with a feed calculator that helps farmers/feed manufacturers formulate the best feed at lowest cost using maggot meal as a protein recipes.
3. Investment services: The platform connects food waste upcyclers in the colony with funds from investors. The funds are working capital needed for fly farming operations. Sponsors make good returns form their investment and have an opportunity to make a social impact.

http://flycolony.com

MEET THE JUDGES

DEBISI ARABA

Debisi Araba is the Director for Africa at the International Center for Tropical Agriculture (CIAT), where he works, in collaboration with hundreds of partners, to increase prosperity and human nutrition through science-based approaches in agriculture and the environment. He is also a member of the Malabo Montpellier Panel, a group of international agriculture experts who guide policy choices that accelerate progress towards food and nutritional security in Africa. He holds a BSc in Geography from the University of Ibadan, an MSc in Clean Technology from the University of Newcastle Upon Tyne, a Doctorate degree in Environmental Policy from Imperial College London and a Master in Public Administration from the Harvard University Kennedy School of Government.

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THOMAS FESTERLING

Thomas Festerling is the CFO and Managing Partner of GreenTec Capital Partners, who brought his extensive financial and investment background to the development of GreenTec’s innovative investment approach. Thomas is a specialist for financing, investor relations and business planning and was Director at Deutsche Bank’s asset management division before he founded GreenTec.

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TÉNEMBA ANNA SAMAKÉ

Ténemba Anna Samaké has more than 20 years of experience in business development and SME financing (Bank, Microfinance and impact investment) in West Africa. She is CEO of MBC Africa since October 2015. Mobile Business Clinic (MBC) Africa is a model of enabling environment that aims to improve SMEs in agribusiness in Africa by integrating business services they need to grow on one single platform. Started as a training program for managers of SMEs in agriculture value chains, Tenemba has transformed it into advisory firm with pan-African outreach. MBC Africa has accelerated more than 130 businesses in Côte d’Ivoire and Ghana and trained more than 100 Young African Professionals as Agribusiness Advisors. Tenemba Anna is a trained lawyer, holds a MBA and is a certified business coach.

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AWA CABA

Winner of Pitch AgriHack 2016, Awa Caba is a co-founder and CEO of Soreetu, the first digital platform that promotes and distributes agricultural processed food and cosmetics in Senegal. With her degree in computer science at the Poly-technique School in Senegal and her certificate in Business and Entrepreneurship at the University of Iowa in the United States, Awa works to change rural women lives by giving them new opportunities to access to the market, rebrand their agricultural processed products and improve their income. Awa is also the co-founder of a Tech Women Network Jigger Tech and the first AgriTech Hub in Senegal Yeens Agrihub.

https://www.linkedin.com/in/awa-caba-

RAFIQ EL ALAMI

Rafiq El Alami is heading two Digital labs at Mohamed VI Polytechnic University in Benguerir (Morocco). Before joining the University Rafiq worked in Microsoft Redmond (USA) in different senior level management positions. He also started www.citymall.ma one of the first and leading e-commerce retailers in Morocco. Rafiq holds an engineering degree from Ecole Mohammadia d’Ingénieurs (EMI) in 1996 and an MBA that was joint collaboration between UM6P and Columbia University.

https://www.linkedin.com/in/rafiq-el-alami-

KYLE NEWELL

Kyle Newell currently leads projects at Ernst & Young in Washington on Global Social Responsibility. Over the past decade he has worked in and out of Africa in a variety of functions (private sector development, capacity building, policy advocacy), sectors (agribusiness, energy, financial services, ICT), and in a variety of roles (project development, business development). He has engaged with senior leaders of businesses, organisations, and governments in Africa to create economic development on the continent.

https://www.linkedin.com/in/kYLEanewell/
The AgriHack Talent initiative ambitions to strengthen ICT innovation and entrepreneurship by youth in agriculture. It is part of CTA initiatives aiming at supporting youth involvement in agriculture and youth employment.

More information on Pitch AgriHack:

Contact: Ken Lohento, Senior Programme Coordinator, ICT4Ag
Email: lohento@cta.int

www.facebook.com/ardyis
@CTAflash
@agrihack

Pitch AgriHack 2019 Partners:
World Bank - OCP Group - GreenTec Capital Africa Foundation - GreenTec Capital Partners - AGRA - AGRF 2019 - FAO - BongoHive (Zambia) - Yeasal AgriHub (Senegal) - Agribusiness TV, ICEAddis (Ethiopia) - SiliconCaribe (Jamaica) - Africa Projects Development Centre (APDC) - VC4A

The Technical Centre for Agricultural and Rural Cooperation (CTA) is a joint international institution of the African, Caribbean and Pacific (ACP) Group of States and the European Union (EU). More information on www.cta.int