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**Business Name:** AgriTechs

**Founded:** June 2018

**Sector:** Agricultural Technologies

**Physical Address:** Moyo Health Centre,

Morocco Road,

Dar es Salaam, Tanzania.

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**Company Overview**

AgriTechs is a startup company focused on harnessing the power of modern technologies and digital advancement to create smart, sustainable, environment friendly and affordable solution to problems that are facing farmers, particularly in Tanzania and Africa at large.

Africa’s population is expected to double by 2050, leading to 70% increase in food demand. However, currently more than 65% of Africans are engaged in traditional farming with productivity below the expected average and labor force engaged in agriculture is declining day by day. This places Africa on the risk of being food insecure in just three decades from now and the question is, as who will feed us? Well, AgriTechs is founded on a belief that, food secured Africa is possible only through intervening inclusive technologies into African agriculture.

**Vision**

“To be the leading light that reveals the unlimited potentials that technology can offer to agricultural sector and bring smart experiences that are going to enable agriculture to efficiently and sustainably thrive for the next 100 years in Tanzania and Africa at large”

**Mission**

“To be the leader in harnessing modern technologies to build inclusive and personalized solutions to agricultural challenges in order to achieve agricultural transformation in Tanzania and Africa”

**Product Offered**

Currently, AgriTechs offers a soilless farming system (hydroponics) embedded with Internet of Things (IoT) to make urban farming possible, less costly and interesting.

Tanzanians living in the urban areas of the major cities spends up to 70% of their monthly incomes on buying food produces transported from rural areas, hundreds of miles away and leaving them with very low disposable income. But they don’t just end up buying, shortage of land for farming, water for irrigation and time to manage the crops force them to buy instead of growing.

Therefore, AgriTechs brings a product which will enable urban people to farm on their smaller spaces including the balcony, rooftop, backyard with up to five times more yield increase, reduce irrigation water by 90%, save up to 720 hours that could be used to manage the crops annually as well as wireless monitoring of variables that influence plants’ growth (water pH, temperature, nutrients content level, water level, humidity) through a mobile phones for quick and informed decisions around the farm; with the end goal being to reduce the expenditure on food by 50%.

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| --- | --- |
| **Services** | **Packages** |
| * Project concept
* Feasibility study
* Project planning
* Project Execution
* Training on use
* Project maintenance.
 | Automatic Irrigating Hydroponics + Internet of Things |
| Internet of Things on established hydroponics systems |
| Automatic Irrigation on established hydroponics systems |
| Automatic Irrigating hydroponics only |

**AgriTechs on SDGs**

**2. Zero Hunger:**

* Increasing urban farming productivity by five times more
* Fresh harvest for nutritious and healthy food
* Creating consciousness of where food is produced
* Helping people to farm sustainably through modern technology

**1. No Poverty:**

* Helping urban people to spend less on food for income stability
* Surplus yield for home business purposes ie genge

**3. Good Health:**

* Avoiding to consume food grown by unhealthy inputs like chemical contaminated water, fertilizers
* Healthy lifestyle through growing and consuming fresh and nutritious food

**11. Sustainable Cities and Communities:**

* Promoting urban agriculture
* Reducing overpopulation at market places

**9. Industry, Innovation and Infrastructure**:

* Online monitoring crops performance for precision farming
* Irrigation automation to reduce time water

**Our Values**

Our values express our character. They guide and drive everything we do to meet the needs of all our customers and shareholders.

* **Passion:** To delight our clients and to enjoy our work commitment underpins our entire business philosophy.
* **Competence:** In a society facing serious food challenges, we compete against all kinds of odds to bring the best product to excel through quality.
* **Innovation:** Staying one step ahead is the best way to lead the future.
* **Environment:** We leverage technology to promote sustainable farming and protect the environment
* **Collaboration:** We work with diverse players to minimize resources waste and ensure
* **Affordability:** We understand the financial status of our customers and we are here to make life easier by providing affordable products.
* **Profitability:** the guarantee of our future development, evolution, consolidation and growth.

**Our Change Makers**

1. Praygod Japhet – Chief Executive Officer
2. Dickson Mallya – Hardware Technical Officer
3. Gift Nnko – Software Technical Officer
4. Rose Nanyaro – Quality Controller
5. Danford Kija – Mobile App Engineer

**Our Partners**

* WaziHub
* STICLab

**Our Advisor**

* Sahara Ventures

**Achievements**

1. AgriTechs was selected as one of the top 8 startups with best modern technologies to tackle food security in Tanzania during E-Kilimo Accelerator organized by Sahara Ventures and Danish Embassy in Tanzania.
2. AgriTechs was named as one of the top 3 Tanzanian startups with a business idea that’s well integrated with technology by iSpace Foundation from Ghana during WaziHub Internet of Things Training in Dar es Salaam Tanzania.
3. AgriTechs has been featured in the coming 2019 Upreners Magazine; a platform that provides different news and information about the business industry.