



**THE AFRICAN ASSOCIATION FOR
VERTICAL FARMING (AAVF)**

CREATING AWARENESS AROUND

AFRICA'S FOOD SECURITY

The African Association for Vertical Farming calls upon the African diaspora to join hands towards making Africa Food Secure. You can join us now at www.aavf.ch

**African Diaspora
in Europe:**

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Community Empowerment Projects through Smart Agriculture Practices

FOOD AND NUTRITION SECURITY INITIATIVE

BY: JOSEPHINE FAVRE

AAVF PRESIDENT / FOUNDER

Introduction



Africa's food security has been lingering with us forever. Causing poverty and confusion.

Decades where we try to find solutions and most of the time by piling these solutions on top of other unfinished solutions and involving individuals that do not even live in the continent to tackle Africa's food security.

How do we feed Africa's rapid growing population without jumping into endless conferences where actions are too many to handle, too complex to be accomplished and where the same communities are often left behind.

Today, I will share with you my thoughts and I shall leave you in a food for thought mode with questions & answers - You and your conscious.

Definition of Independence



Many developing countries have won and earned their independence.....but what are the qualifications for independence?

1) What is your definition of Independence?

Your answer: Independence is when all the colonized countries are freed from those who colonized them.

My answer: Independence is when a country is able to feed its own people. With a meal a day being the minimum. When one's stomach is full, the food is healthy and there is enough for all. No child goes to bed hungry! Many things can then be free for development. You can then be considered qualified as an independent country.

You can never develop a country with empty stomachs. If we have to empower our people, we should first start by feeding them. Thus creating a food secure environment for all.

Creating a sustainable food secure environment



2) How do we create a sustainable food secure environment?

Your answer: By creating Agriculture Technologies, Capacity build, Educate and Empower.

All that is brilliant!

I will however emphasize the **CATALYST**.

My answer: PEOPLE.

Uniting. Working together to find the solution. (Leaving disruptive criticism behind).

Creating a sustainable food secure environment (2)



2) When developing a country, decision making is not a walk in the park.

Running a country, is like running a family. For parents, not all children of the same family will agree to everything that is been planned for the family. It is the same being a leader of a nation. Not everyone will be happy with your decisions, no matter what.

Thus blaming leaders alone in a country's development strategies is just an excuse. A lazy excuse.

Everyone has a part to play, directly or indirectly, big or small in a country's development strategy.

HOLISTICALLY understanding and confronting the issues on Africa's food security for each region, community & country (Seeing the big picture before strategizing, designing & implementing).

Agriculture



Agriculture has proven to be one of the most resilient sectors in the African economy.

Smart Farming is taking a very strong leap by the Youth of Africa. Many are looking at agriculture with a new eye and finding ways to secure food within the continent.

Young people today are curious about agriculture and innovations. However, they do not want to be farmers, rather go towards being Agri-preneurs. This will not be a deficit action, nor a waste of our time, but an opportunity for the youth to contribute to the economy of their country. A pride and recognition that every young African youth search to thrive.

We therefore need to collaborate with each other, to bring improved food production and the know-how.

The African Association for Vertical Farming (AAVF)



The African Association for Vertical Farming (AAVF) in the past three years (including during the pandemic) is seen as the new influencer and educator when it comes to advocating Smart Agriculture (using Technology for faster yields with economic growth while empowering & involving the youth of Africa in the process).

The AAVF's vision is to improve food security while going beyond farm level production to cover and unlock incomes along the entire value chain.

By teaching the women & youth the approach of smart agriculture, the African Association for Vertical Farming has managed to feed families and communities across Africa within a very short period of time and is still continuing.

We see the number of young African Agripreneurs increasing as we continue training on sustainable food systems across the continent, thus we strongly believe that this is our contribution to the communities and the SDGs 1-4.

The African Association for Vertical Farming (AAVF)



#HeroesNourishingAfricaDuringCovid-19



African Association for Vertical Farming (AAVF), Kenya



AAVF is a formal association comprising of individual urban farmers, SMEs, research institutions and corporations working toward a sustainable future of farming in Africa. Since the lockdown commenced in Kenya, AAVF's normal registration and information emails have quickly turned to an agriculture helpline. AAVF staff have found themselves giving free telephone DIY vertical farming training, bringing sleeping gardens to fully operational food production systems in the past weeks.

"AAVF's core values are driven by selflessness, UBUNTU and conviction that food is seasonal while hunger is not. Therefore, even as we go through this period of despondency created by the COVID-19 pandemic, we should embrace the spirit of sharing and all in all enfolding brotherhood."

- Peter Nyateng, AAVF Kenya Coordinator.



Virtual Roundtable Discussion on COVID-19 Myths, Impact and way forward in Africa Webinar

Impact of Covid-19 on Food Security in Africa

Friday 17 April | 5pm- 6.30pm(GMT+1)



Josephine Favre

President, African Association for Vertical Farming

Register ▶

<https://www.riseandleadwomen.com/africa/>

Food Systems & Smart Agriculture (Vertical Farming).



So, now let us go to the topic itself, Food Systems & Smart Agriculture (Vertical Farming).

Vertical Farming



Vertical Farming is a key technology among others as far as Smart Farming is concerned.

Vertical Farming plays an immense role in transforming and reorienting food production in Africa to ensure food security amid the period of climate change and population surge.

Vertical Farming tackles three main objectives:

Sustainable increasing agricultural productivity, enhancing resilience by reducing vulnerability to drought, pests, diseases, other climate related risks and reduce emission.

Pilot projects: production of plantains and cassava by hydroponics (Vertical Farming)



AAVF Education



With the AAVF Education and Training Department, we develop skills for youth and women to start growing local food sustainably.

We organize Agroecology workshops in Africa for young farmers in topics such as good agriculture practices, controlled grazing systems, Integrated Pest Management, conservation tillage, crop rotation, mulching, cover crops, water use efficiency and soil nutrient management.

We also introduce alternative ways of production to smallholder farmers.

Our platform is tied to the Youth & Women of Africa in agriculture. Supporting their effort so that agriculture, using modern, affordable and easy to manage technologies, can be seen as an empowering tool for better yields thus economical elevation for the communities.

For each given project, the AAVF will design special training program to suit yours and the target audience's needs.

We run successful ToT sessions for your instructors. Should this be needed at a later stage, please let us know. We will be happy to design the training for your instructors so that they can instruct others in return.

Agroecology workshops



Our Mission



Our Mission is to improve food security by educating youth and women in Africa with innovative practices to alleviate Africa 's growing population, urbanization and climate change challenges. Reducing poverty through modern and climate-smart agriculture.

Our mission is to leave no one behind. We also work with children who have special needs such as autism, to teach them agricultural skills in a society where they are often not accepted.

AAVF Mission



To establish Communities where we develop agriculture skills for youth and women to start growing local food sustainably by introducing alternative ways of production to smallholder farmers to intensify agriculture.

Current challenges:

underperforming agriculture sector

- lack of agricultural know-how, and access to finance.
- farmers' inefficiency due to land deformation and old farming practises.
- Agriculture education very theoretical, lack exposure to practical environments, hence not capacitating local youth and women with entrepreneurial skills.

Opportunities:

→ develop true 'social innovation'

- Form agricultural cooperatives with the participation and buy-in of local communities.
- Introduce these Cooperatives to sustainable modern agriculture practises such as vertical farming to optimise their produce.
- Use these Cooperatives to educate and train local unemployed Youth and Women through a "learn by doing methodology." to transmit and to earn more".

Pilot projects: production of plantains and cassava by hydroponics



AAVF Objectives



AAVF seeks to achieve:

- **Awareness** – by making Smart Farming/Agriculture known and understandable to communities.
- **Education** – by ensuring knowledge and skill transfer, both theoretical and practical, of Smart Farming to locals, especially the youth.
- **Sustainability** – by achieving significant local buy-in and adoption of Smart Farming practises for competitive commercial production.
- **Local Economic Development** – by producing business savvy Agri-preneurs
- **Collaboration** – by creating platforms where the community, government and corporate can work together to make Land Reform an economic success.

Contact



We thank you for your attention.

For further information and offers with your booking requests, please do not hesitate to contact us.

Sincerely,

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President

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