

Youth Adaptation Forum

**CLIMATE
RESILIENT
AGRICULTURE**

22ND APRIL





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ADAPTATION

4 ADAPTATION

INTERGENERATIONAL DIALOGUES



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Good Practices



Govia Ridzha Rifda

Project Leader of Green Harmony

Indonesia

Green Harmony: 4F Integrated Farming System



Extreme temperatures

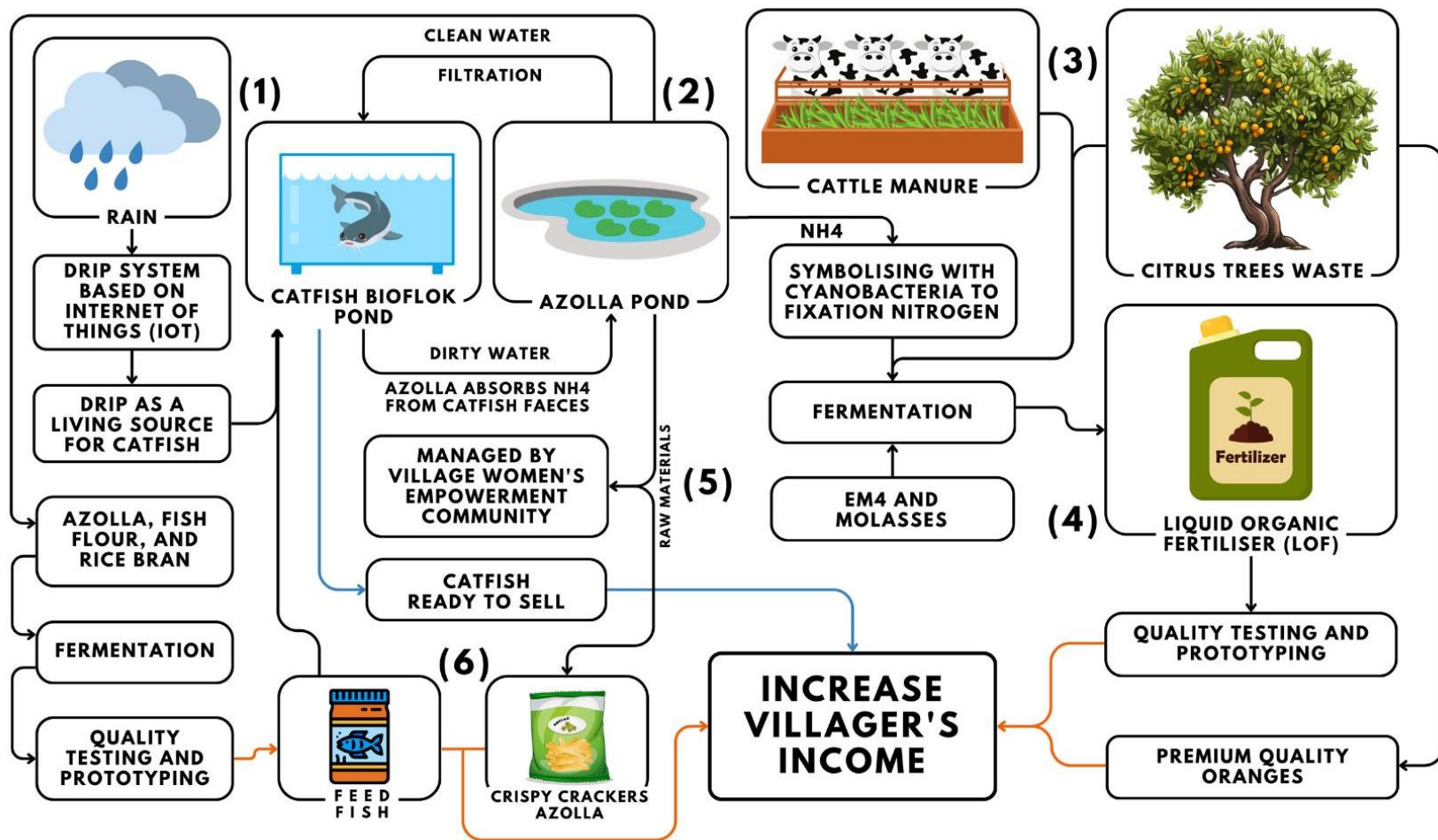


Inconsistent rainfall



Deterioration in water quality

Introducing Green Harmony: 4F Integrated Farming System



That's Azolla!

Key Areas of Success of Green Harmony: 4F Integrated Farming System



The younger generation holds immense potential to be agents of change in addressing the challenges of climate change in the future

Good Practices



Ifeoluwa Olatayo

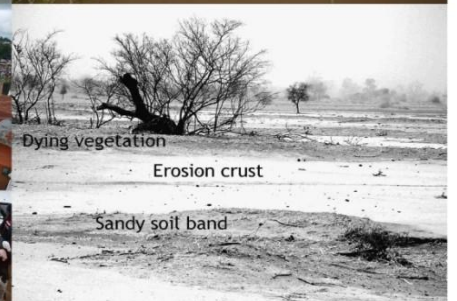
Founder of Soupah Farm-en-Market Limited

Nigeria

Increasing climate variability in Nigeria is causing more intense weather events...



...drought leading to low crop yield



...flooding leading to loss of crop and road network

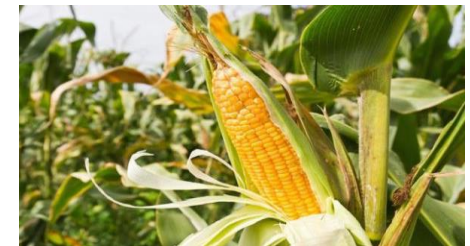
Our Hydroponics farms set-up



Foods grown Hydroponically



Our rural solution



Good Practices

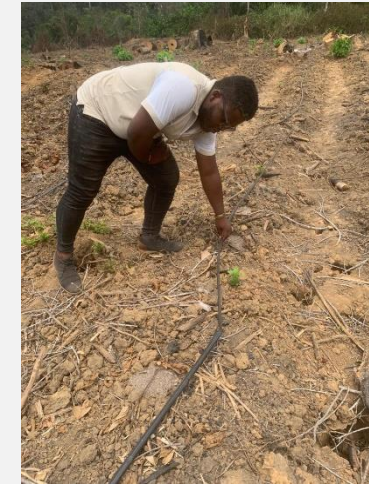


Gislaine Matiedje Nkenmayi
Founder of Mumita Holdings Ltd
Cameroon

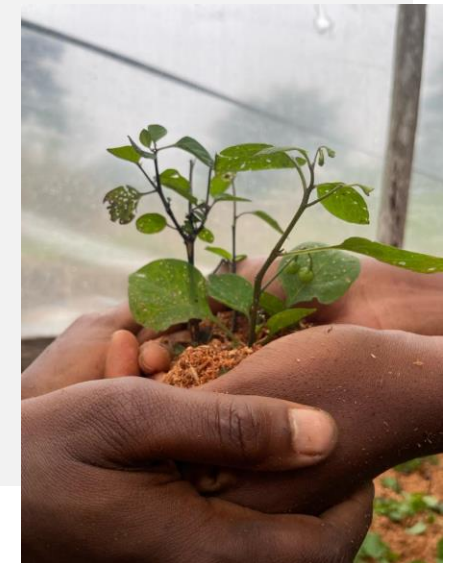
Capacity Building and Low-cost greenhouses as a springboard to increased crop production in Cameroon by Mumita Holdings



Good practice: Introducing the project



Capacity building and construction of low-cost greenhouses to reduce crop losses during and post-production



Good practice: Key Areas of Success

Successes



Challenges



Opportunities and recommendations



Good Practices



Primrose Sithole

Participant at the Sunshine Apiary Chimanimani
Zimbabwe

Good practice: Context

FAO Green jobs in agroforestry and beekeeping in Chimanimani, Zimbabwe



Mar 2019, Cyclone Idai hits Zimbabwe, particularly in the east



Apr 2024, Zimbabwe's president declares **state of disaster** due to draught



We observed an increase in pests like aphids and fall armyworms



Good practice: agroforestry with eucalyptus

Planting eucalyptus from the **nursery** site to the plantation and **sustainable timber harvesting**



Nursery clearance



Seedlings growing in the nursery to be planted



Cross cutting of logs



Sustainable timber harvesting training

11 youth involved: **7** female and **4** male

Good practice: biodiversity conservation through beekeeping

We use Kenyan topbar hive to produce honey and to support pollination:



Honeycombs



Beehives inspection



Beekeeping training

- **14/47** hives colonised
- **6/14** were colonised using catchboxes
- **2** hives harvested → **10 kg** of raw honey
- **5** hives to be harvested this month



Achievements in Numbers:

Successfully transplanted 15,000 eucalyptus trees to combat land degradation.

Encountered Challenge:

Some plantation sites were inaccessible, with even tractors unable to reach them.

Lesson Learned:

Observation of less land degradation where eucalyptus trees were previously planted informed our choice of species.

Recommendation to Youth:

Encourage individuals to plant trees to prevent land degradation, protect species, and support complementary initiatives like beekeeping.

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Youth Adaptation Forum

YOUNG WOMEN LEADERSHIP

8TH MARCH



Youth Adaptation Forum

WATER

22ND MARCH



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22ND APRIL



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Youth Adaptation Forums

Join the youth adaptation movement, raise awareness, take climate action

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NATURE BASED SOLUTIONS

8TH MAY



Youth Adaptation Forum

Youth Entrepreneurship, Adaptation Jobs and Finance

15TH JULY



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LOCALLY LED ADAPTATION

12TH AUGUST



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