Youth Adaptation Forum

CLIMATE RESILIENT AGRICULTURE

22ND APRIL
Join the Mentimeter session!

Scan the QR code:  

Or go to Menti.com and use the code:  

6463 2707
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

1. Clean Water Filtration
   - Rain
   - Drip System Based on Internet of Things (IoT)

2. Catfish Bioflok Pond
   - Azolla Pond
   - Dirty Water: Azolla Absorbs NH4 from Catfish Faeces
   - Managed by Village Women’s Empowerment Community

3. Cattle Manure
   - Symbolising with Cyanobacteria to Fixation Nitrogen
   - NH4
   - Fermentation
   - EM4 and Molasses

4. Citrus Trees Waste
   - Liquid Organic Fertiliser (LOF)
   - Quality Testing and Prototyping
   - Premium Quality Oranges

5. Increase Villager’s Income
   - Catfish Ready to Sell
   - Fermentation
   - Quality Testing and Prototyping

6. Feed Fish
   - Crispy Crackers Azolla

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 colosines
- 6/14 were colonised using catchboxes
- 2 hives harvested → 10 kg of raw honey
- 5 hives to be harvested this month
Good practice: Key Areas of Success

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.

Achievements in Numbers:
Successfully transplanted 15,000 eucalyptus trees to combat land degradation.
Join the Mentimeter session!

Scan the QR code:  
Or go to Menti.com and use the code:

6463 2707
Youth Adaptation Forums

Join the youth adaptation movement, raise awareness, take climate action
Join the Youth Adaptation Network!

Scan the QR code: