



DORCAS LUKWESA

25, Zambia

25-year-old Dorcas is a founder and researcher from Zambia, passionate about leveraging climate-smart solutions for women farmers' empowerment.

FOUNDER OF MOBILE AQUAPONICS

BUILDING CLIMATE CHANGE RESILIENCE BY SUPPORTING WOMEN SMALLHOLDER FARMERS TO USE AQUAPONICS MADE FROM BAMBOO



ABOUT MOBILE AQUAPONICS



Mobile Aquaponics offers training in implementing small-scale aquaponics made of locally available bamboo and other recyclable materials to improve agricultural production and livelihoods in the face of the climate crisis.



Aquaponics is the cultivation of fish and plants together in a constructed, recirculating ecosystem utilizing natural bacterial cycles to convert fish waste to plant nutrition.



The system utilizes 90 % less water than traditional agriculture, which enables farmers to grow more under limited water resources.



It is land efficient and easy to scale even in places suffering from soil degradation, helping women with land insecurities to continue providing food for their families.

VOICES OF WOMEN IN AGRICULTURE

Jane Musangwe Kapenda is currently trained to be part of a team of trainers to offer aquaponics knowledge to other women in her community. The hope is to have more women representatives from different communities who will lead the training in these innovative systems.

FIND OUT MORE:



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EWA CHANGEMAKERS
ELEVATING THE VOICES OF WOMEN IN AGRICULTURE