



World Vegetable Center

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## **Africa Vegetable Breeding Consortium a public-private partnership for commercial success**

Mwasilwa Ambali,  
04 March 2025

# Who are we?



# Where we work



# Crops portfolio

## ➔ Solanaceae:

- Tomato
- Pepper



## ➔ Legumes:

- Mungbean
- Vegetable soybean



## ➔ Bulb Alliums:

- Onion



## ➔ Traditional vegetables



## ➔ Cucurbits:

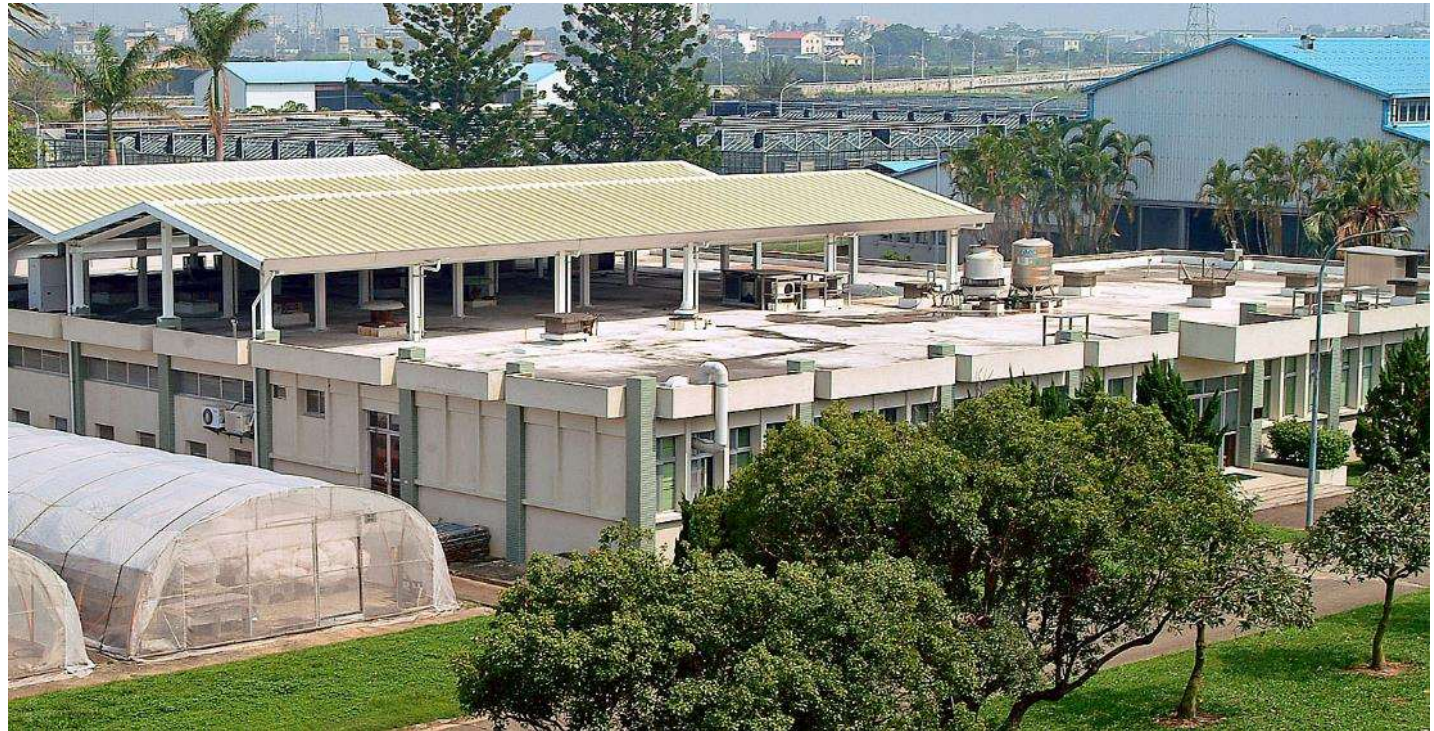
- Cucumber
- Pumpkin
- Bitter gourd



# Worldveg Genebank

World's largest public collection of vegetable germplasm:

- 65,155 Accessions
- 439 Species
- 151 countries of origin (78%)



# APSA



- **APSA-WorldVeg Vegetable Breeding Consortium**
- **Africa Vegetable Breeding Consortium**



# Benefits for Consortium Companies World Vegetable Center

- **Dynamic Workshops:** Engage in interactive sessions on breeding research.
- **Priority Access:** Early access to exclusive breeding lines and protocols.
- **Special Projects and Trainings:** Collaborate with WorldVeg for innovative opportunities.



# Annual Workshop

**2024 : Benin**



**2023 : Tanzania**



# Priority Access

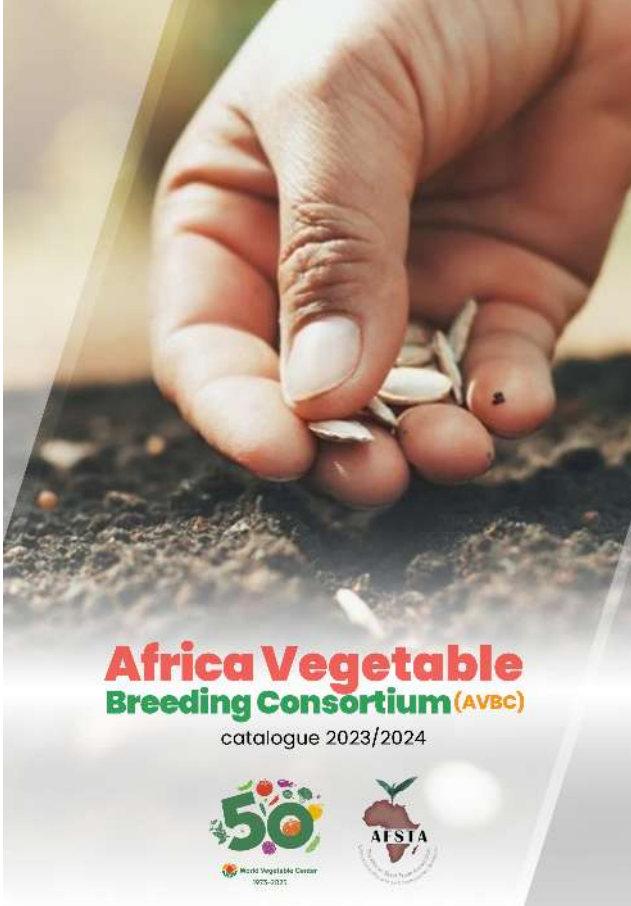


**Africa Vegetable Breeding Consortium (AVBC)**


**Featured crops**

- ▶ African eggplant
- ▶ Amaranth
- ▶ Peppers (including habanero types)
- ▶ Mungbean
- ▶ Onion
- ▶ Pumpkin
- ▶ Tomato
- ▶ Okra

Download the Catalogue of exclusive lines 2022/2023



**Africa Vegetable Breeding Consortium (AVBC)**  
catalogue 2023/2024

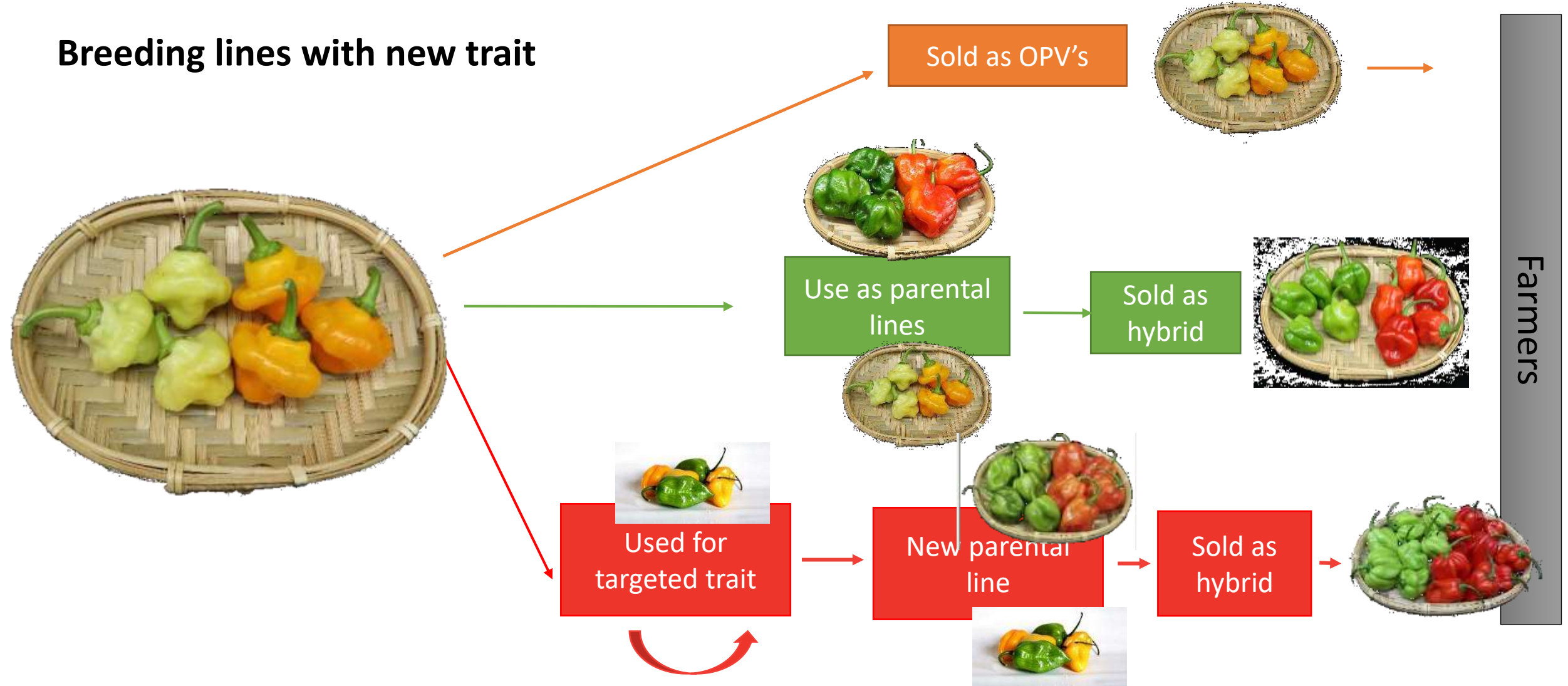


World Vegetable Center  
1975-2025

AFSTA  
Alliance for a Sustainable and Resilient Food System in Africa

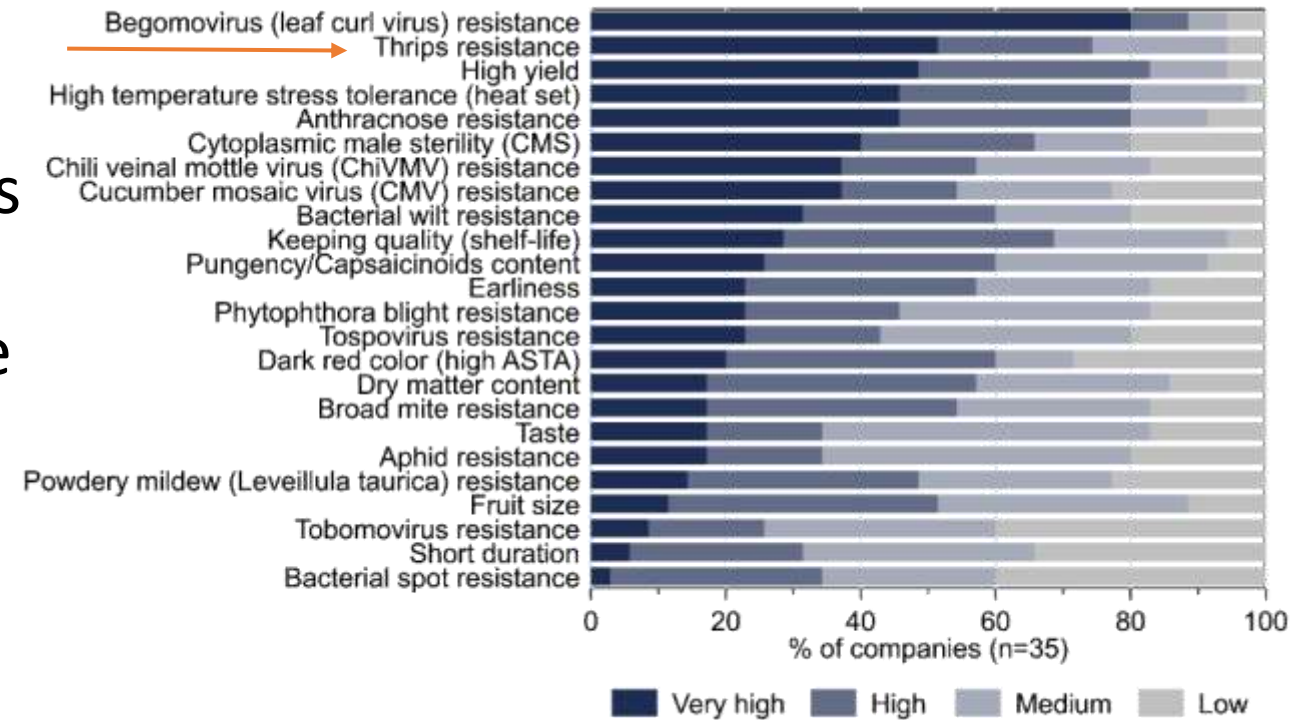
# How to use it:

## Breeding lines with new trait



# Partnership

- AVBC isn't just a consortium, it's a partnership. Your input enhances our breeding programs for producers' benefit. Your feedback and collaboration drive our shared success.



# Special project



- Developing Host Resistance to Thrips in Chilli, a Multilateral Pre-Breeding Approach
  - 2024 – 2029 (5 years)
  - 40,000USD /company min 15
  - 600,000 USD



# Training







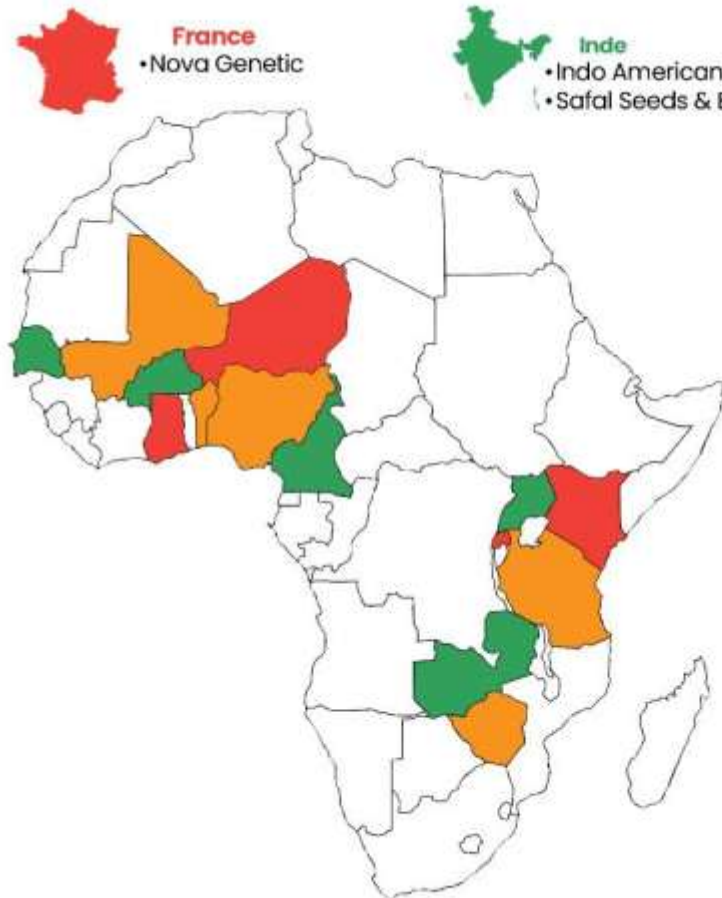
# Coprosem's Journey with AVBC: From Seed Multiplication to a Thriving R&D Hubs story



- Pepper : **DOUBAP, TERIP, FEDINAP**
- Tomatoes: **SOYITA, SEBATA**
- Mung Beans : **Kobas and Habas**
  - **50-day cycle** attracting interest from an NGO supporting women farmers.

# Africa Vegetable Breeding Consortium (AVBC)

A research partnership for commercial success  
Un partenariat de recherche pour le succès



## France

- Nova Genetic

## Inde

- Indo American hybrid Seeds (India) Pvt. Ltd.
- Safal Seeds & Biotech Ltd



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### International companies

- Nova Genetic
- Rijk Zwaan Afrisem
- Indo American hybrid Seeds (India) Pvt. Ltd.
- Advanta Seed International
- East-West Seed
- Bayer East Africa Ltd.

## Burkina Faso

- Ferme Agricole de Kouentou (FAK)
- Fagri
- Boutapa sarl
- Royal Agro
- Agri-Promo
- EPC SAC Sarl
- Saala Monde Rural (SMR)
- Association
- INERA/CNS-FL Alliance-développement Burkina Faso

## Bénin

- La nourricière
- Les Jardins pour tous
- Seed Services Scoops
- BENIN-SEMENCES
- Living Seed
- Cooprrative Dokoundji
- Accueil Paysan Sarl
- Association Nationale Des Multiplicateurs de semence Maraichères (ANAMUSEM-BENIN)

## Cameroun / Cameroon

- SEMAGRI

## Ghana

- Green-Ef Eco-Business Village Limited Village Ltd
- West Africa Centre for Crop Improvement, University of Ghana

## Kenya

- Simlaw Seeds Company
- Advanta Seed International
- East-West Seed
- Bayer East Africa Ltd.

## Mali

- Coopérative Wahi
- Faso Kaba Sarl
- Camara Semence Sarl
- Keitala Négoce
- Cosemko
- COPROSEM/COOP-CA
- Société Coopérative Simplifiée de Service Agricole de Koutiala « Zamoho »

## Nigéria

- Premier seeds

## Ouganda

- Victoria Seeds Ltd

## Rwanda

- Agriseeds Ltd/ Agriseeds Group

## Sénégal

- Subert Vert

## Tanzanie

- Rijk Zwaan Afrisem
- Ayegro Group Ltd
- Easi Seeds Tanzania Ltd
- Meru Agro-Tours & Consultant Co.Ltd

## Zambie

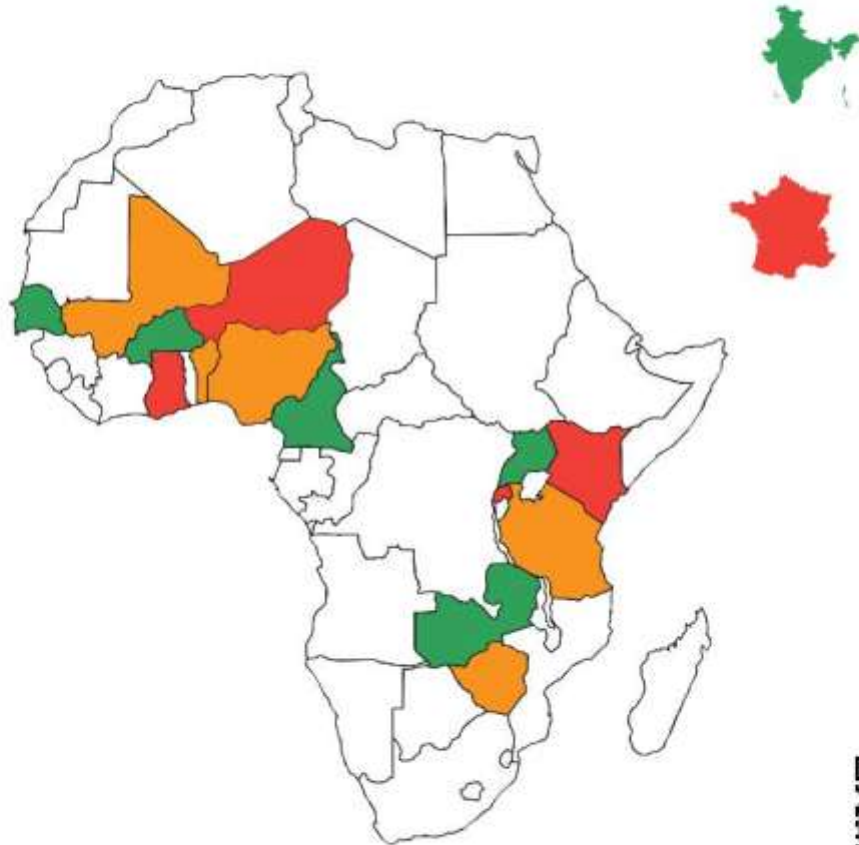
- Kamano
- Seed Company Limited

## Zimbabwe

- Seed Co Ltd
- Seedridge Investments (Pvt) LTD
- Zimbabwe Garden Seeds
- Quton Seed Company
- Women in Agriculture Zimbabwe
- Hekhani Seeds and Services
- Hekhani Seeds and Services

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Thank you

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### Membership fee:

- National: 1,500 USD
- Regional: 3,000 USD
- International: 4,500 USD