



GGGI SIDE EVENT

Cotonou, April 16th, 2024
Professor Justin PITA
WAVE EXECUTIVE DIRECTOR



Introducing WAVE
A Network of Crop Health Matter Experts in CWA

“Disease free crops for food and income security for all in Africa.”

WAVE has a team of experts in the field coordinating local efforts



Prof. Justin Pita
WAVE Executive
Director &
CD Côte d'Ivoire



Dr. Fidèle Tiendrebeogo
WAVE Director of Innovation
& CD Burkina Faso



**Prof. Corneille
Ahanhanzo**
CD Benin



Prof. Angela Eni
Director of Programs &
CD Nigeria South West



Dr. Nkere Chuckwuemeka
Nigeria South East



**Prof. Ibrahim
Mohammed**
CD Nigeria North



**Dr. Alusaine
Samura**
CD Sierra
Leone



Dr. Allen Oppong
CD Ghana



Prof. Adjata Djoji
CD Togo



Dr. Mivedor Assion
Deputy CD Togo



Prof. Jacques Mavoungou
CD Gabon



Dr. Oumar Doungous
CD Cameroon



Dr. Tony Bakalena
CD DRC



**Prof. Godefriod
Monde**
CD DRC

CD = Country Director

NO BORDERS: a regional approach



...bringing value to the local research ecosystem

- ✓ Recognition and improved **reputation** of host institutions
- ✓ Greater **financial resources & technical infrastructure** available
- ✓ More students receive the **highest quality scientific training**

THE WAVE "CONSORTIUM": an alliance of 13 NARS from 10 Central & West African countries



The WAVE Regional Center of Excellence for Plant Pathogens inaugurated on May 27, 2021



**FUNDS RAISED TO DATE: ~ USD 35
million (in 10 years)**

BILL & MELINDA
GATES *foundation*



Foreign, Commonwealth
& Development Office

HOW TO INSURE WAVE'S SUSTAINABILITY?

Donors?

Governments?

Private Sector?

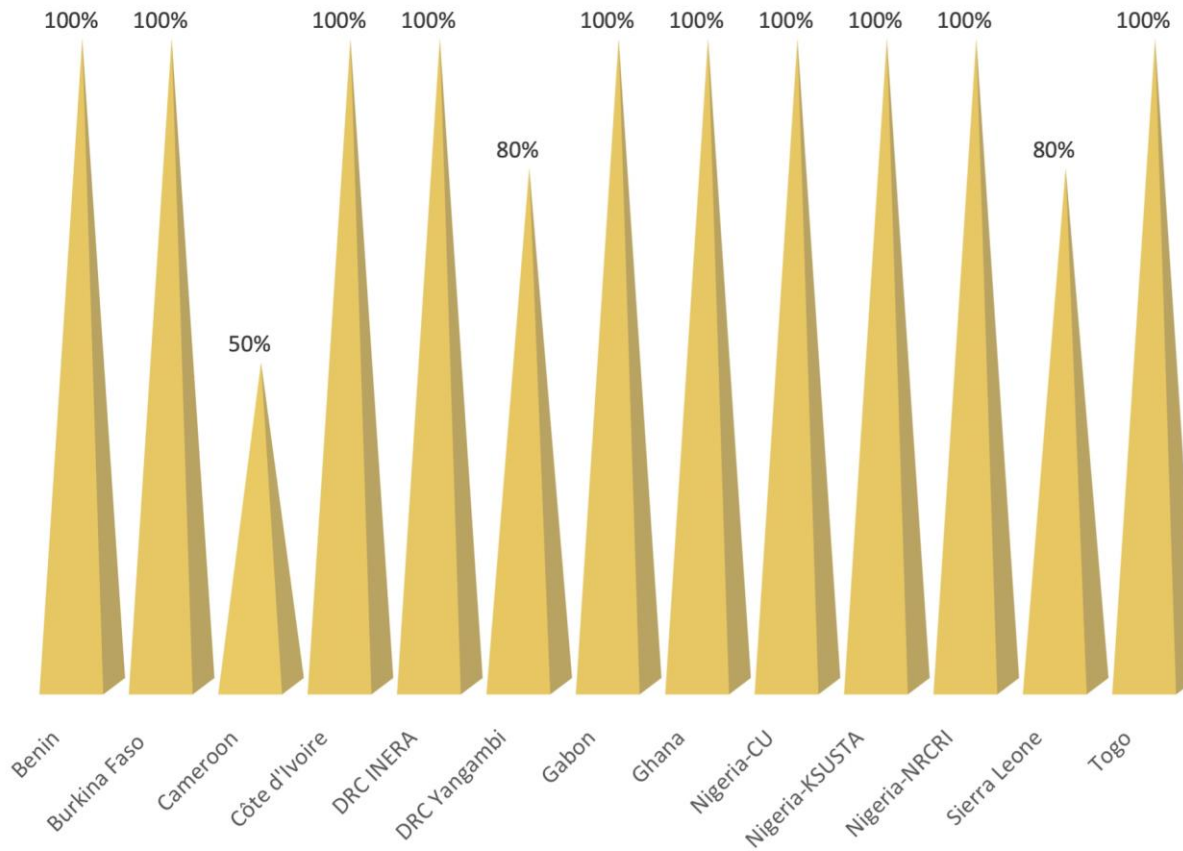
“Selling” WAVE Expertise & Labs as reference laboratories

FUNCTIONAL LABORATORIES BUILT/REFURBISHED IN CENTRAL & WEST AFRICA

LABORATORIES BUILT IN EASTERN DRC (IFA Yangambi)



Operational capacity of WAVE laboratories



WAVE's Star Crop: Cassava, An Important Crop in CWA



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EACMV-Ug

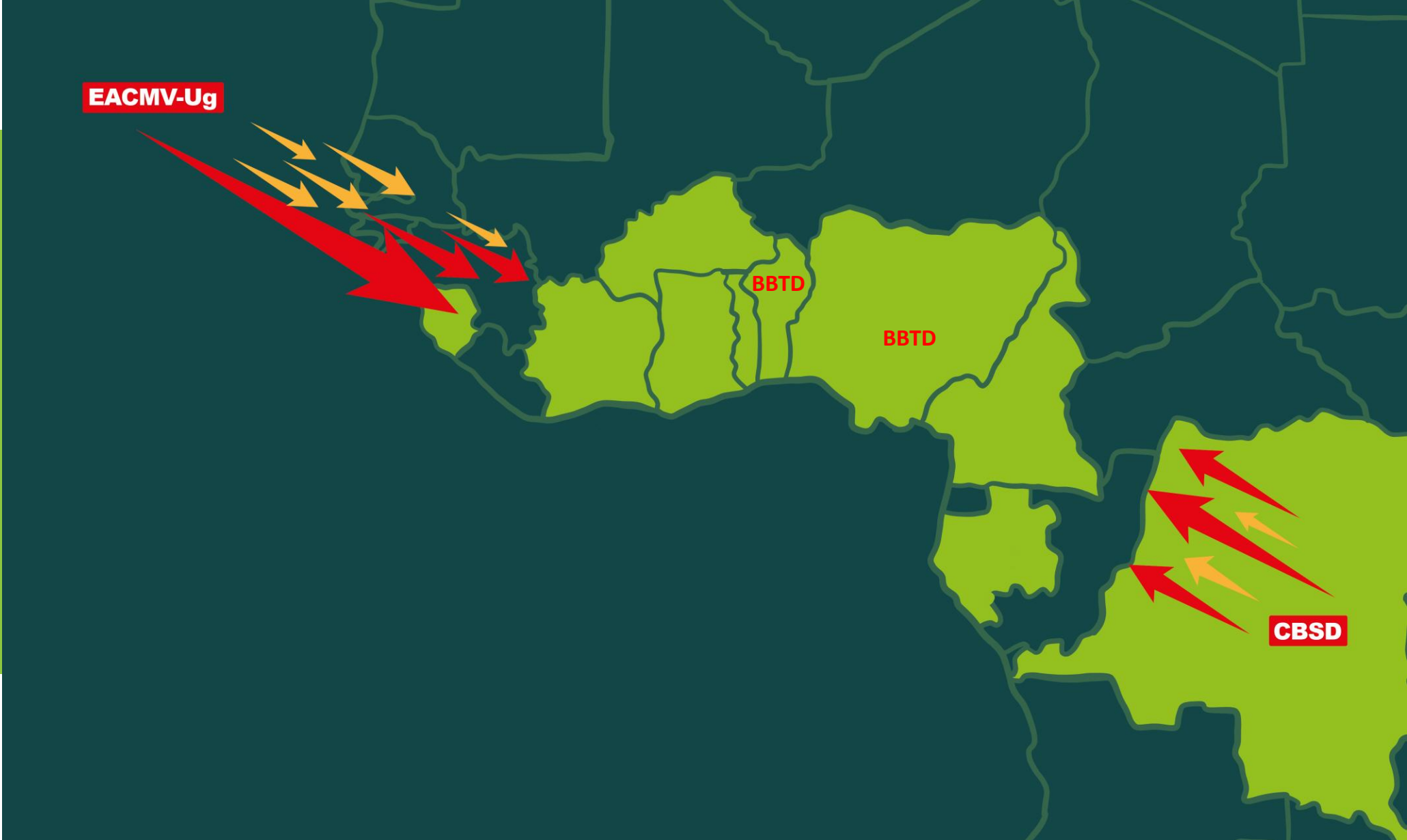


BBTD

BBTD



CBSD



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Business Plan!!!

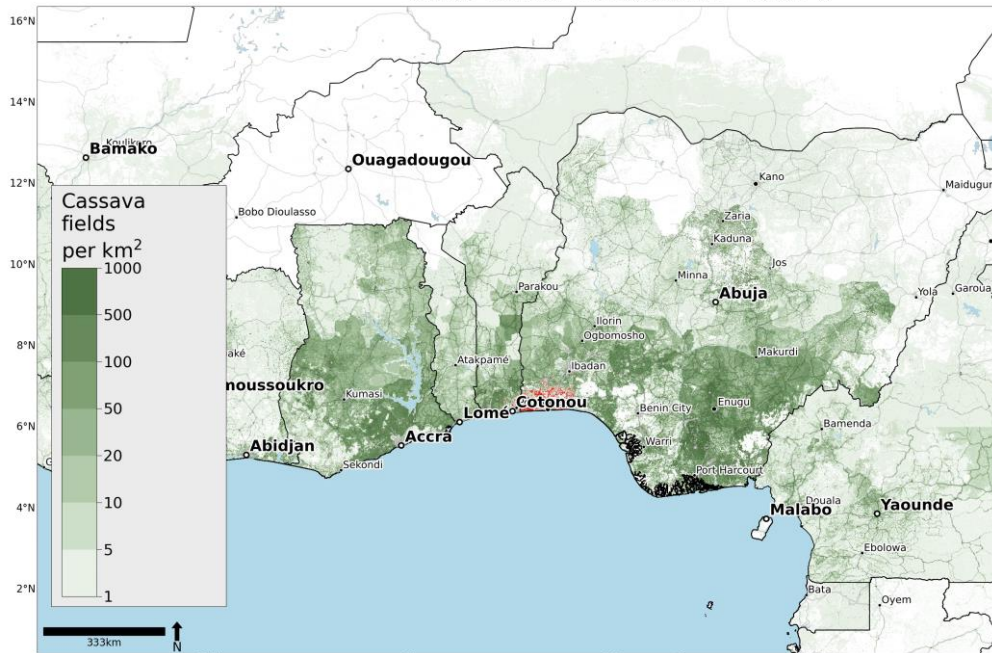
CBSD



EPIDEMIOLOGICAL MODELS TO MAKE ACCURATE PREDICTIONS ABOUT WHAT RESOURCES ARE REQUIRED TO COMBAT DISEASES

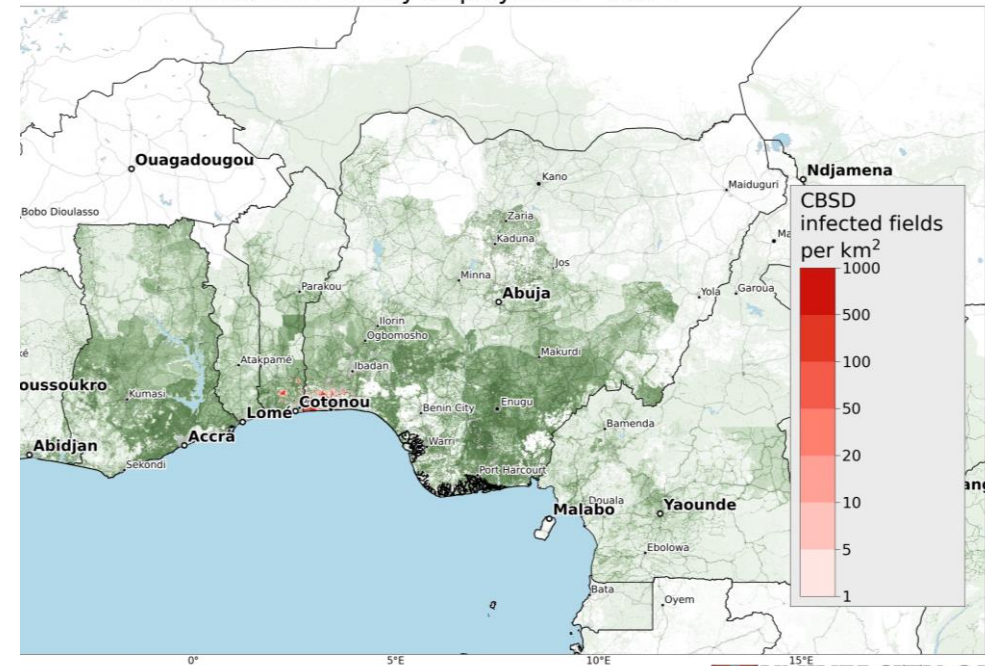
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CBSD Direct introduction - Year: 1



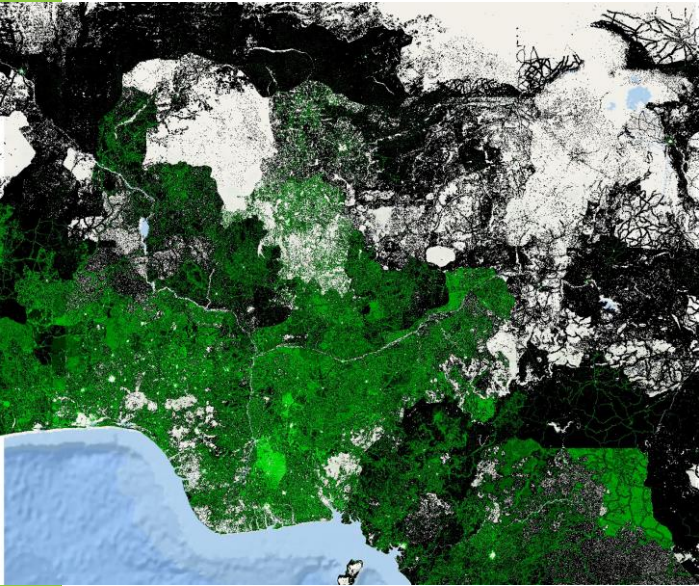
Using models to inform resistant variety deployment

CBSD Resistent Variety Deployment - Year 1

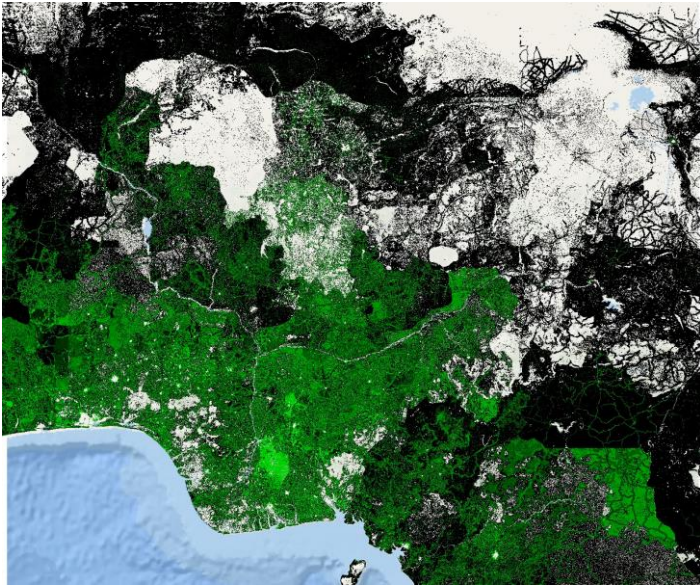


The Value of Disease-Free Seed Certification

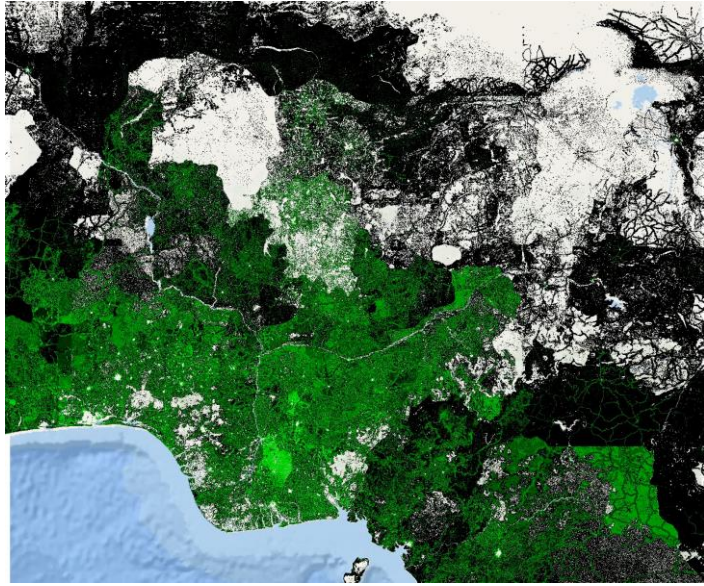
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certified



HIGH-LEVEL POLICY AND TECHNICAL DIALOGUE ON DISEASE-FREE SEED CERTIFICATION & RAPID RESPONSES TO PLANT INFECTIOUS DISEASE INCURSIONS IN CENTRAL AND WEST AFRICA

March, 7 & 8, 2024 in Abidjan



Role essential of the Private Sector Highlighted in the conclusions of the Dialogue

Challenges: Importance of Local leadership not well accepted

- ❖ Leadership training for Scientists
- ❖ Small Scale Farmers/Farmers Cooperatives vs Private companies

Opportunities:

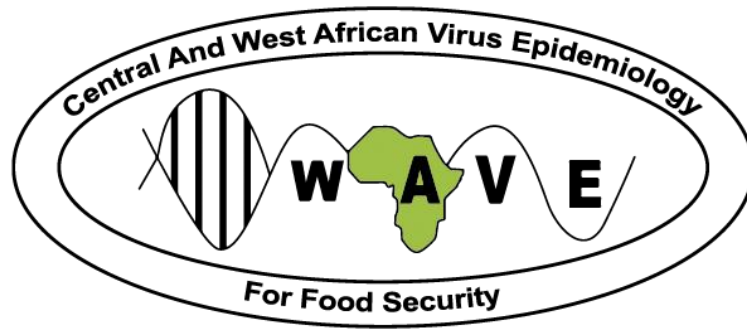
- ❖ Sovereignty of our countries
- ❖ Develop Formal Partnership with Local Private Companies

Strategies for Sustainable Collaboration:

- ❖ Effective strategies for building and maintaining partnerships between agricultural researchers and private sector will involve a pivotal role of governments

ACKNOWLEDGEMENT

- **BMGF & FCDO**
- **The European Union**
- **The WAVE's Partners**
- **The Institutions hosting WAVE**
- **WAVE Country Directors & WAVE Staff**
- **CORAF & GGGI**



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