

TRANSFER OF TECHNOLOGY FOR IMPROVING AGRICULTURAL PRODUCTIVITY IN COTE D'IVOIRE AND WEST AFRICA AND AGRICULTURAL RESILIENCE IN A COMPETITIVE INTERNATIONAL MARKET ENVIRONMENT

Case study: Action framework of the National Association of Seed Companies of Côte d'Ivoire (ANASEMCI)

by

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PRESENTATION OF ANASEMCI



Remise du 3^{ème} PRIX DU MEILLEUR STAND
par le PRESIDENT DU ZANZIBAR



- ❖ Ivorian agricultural civil society created in 2009 by law 60-315 of September 21, 1960 as part of the implementation of the 1992-2015 agricultural development plan;
- ❖ **3,000 members:** Seed growers, producers, researchers, University lecturers and seed preservers at local scale
- ❖ National Association interlocutor with the government, national and international partners on all issues related to the development of the seed sector;
- ❖ Member of:
 - ✓ **WFO-OMA**
 - ✓ **ISF National**
 - ✓ African Seed Trade Association (**AFSTA**)
 - ✓ ANOPACI National Platform for Family Farming (**PANAFCI**):
 - ✓ Member of the **National DHS-VATE** Committee set up by the African Intellectual Property Office (OAPI)
 - ✓ Committee for Registration of Varieties Approved for Agriculture in the National Catalog (**CTIG**)
 - ✓ National Seed Committee (**CONASEM**)
- ❖ **ANASEMCI Strategic Plan 2023-2027: Promotion** of the vision of the President of the Republic of Côte d'Ivoire, in particular the **adoption of certified seed at the Council of Ministers of October 12, 2022**, in a context of sovereignty and food security, and nutritional

CONTEXT AND JUSTIFICATION RELATED TO FOOD AND NUTRITIONAL SECURITY IN IVORY COAST



❖ Ivorian Agriculture

- ✓ 1st global **cocoa** exporter
- ✓ 1st African **Coconut** exporter
- ✓ 1st African country producing **natural rubber**
- ✓ 3rd African producer of **oil palm**
- ✓ 4th world **coffee** exporter

➤ Despite this improvement, questions of food and nutritional security and sovereignty constitutes a challenge



CONTEXT AND JUSTIFICATION RELATED TO FOOD AND NUTRITIONAL SECURITY IN IVORY COAST

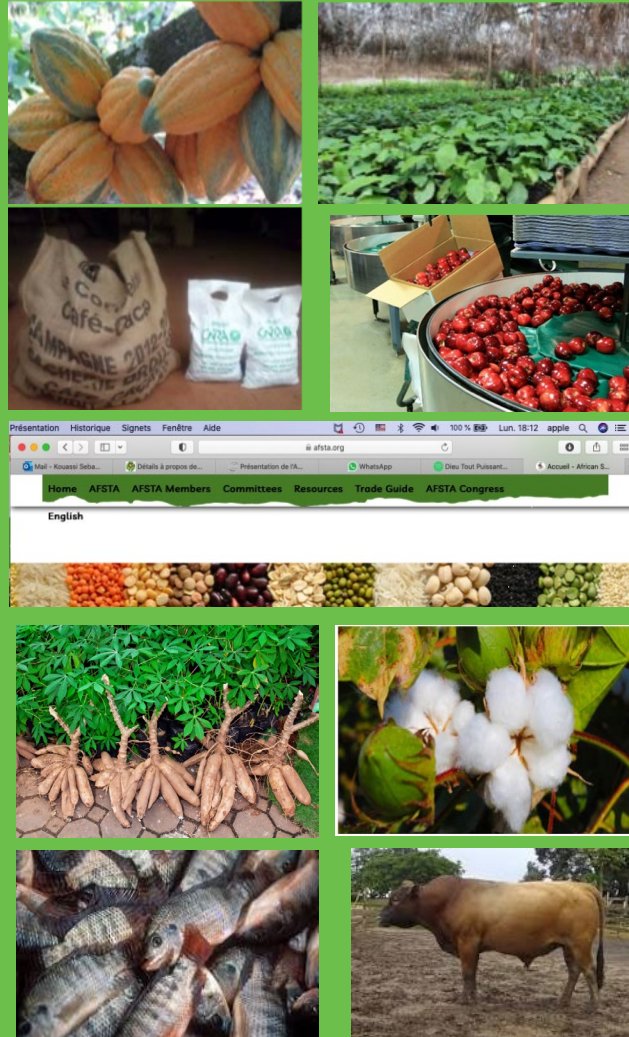
Table 1: Summary of agricultural observed production deficits

Product	Production (t/an)	Besoin (t/an)	Gap (t/an)
Rice	1 250 000	2 500 000	- 1 250 000
Cassava	6 500 000	6 750 000	- 250 000
Banana plantain	1 800 000	2 100 000	- 300 000
Maize	840 000	1 040 000	- 300 000
Yam	8 000 000		
Market gardeners	750 000	920 000	- 170 000
		FAO: 4 500 000	- 3 750 000

Shocks to be mitigated: Phytosanitary shocks / Climate change

Seed is, and must be, a professional matter

CONTEXT AND JUSTIFICATION RELATED TO FOOD AND NUTRITIONAL SECURITY IN IVORY COAST



❖ ISSUE: IMPROVEMENT OF PLANT MATERIAL

✓ National issue for improving agricultural productivity

❖ Basis for the development of the seed industry as recommended by the 2015 ECOWAS/UEOMOA/CILS harmonized regulation of certified seed production, with a view to agricultural development and recovery of the national economy;

❖ **CONASEM / DHS-VATE for Approval / CTIG**

❖ **2015 Agricultural Orientation Law:** Creation of seed companies / Private research

❖ **Certified seed**, guaranteed to comply with international standards for agricultural products produced in Ivory Coast and West Africa



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ISSUES AND CHALLENGES TO BE ADDRESSED BY THE IVORIAN SEED SECTOR

- ❖ Issues and Challenges to be taken up Technology transfer for the revival of the seed industry in Cote d'Ivoire :
 - ✓ **Capacities Building** for the appropriation of scientific and technological innovations in the seed industry;
 - ✓ **Feeding a young and growing population;**
 - ✓ **Competitiveness of Ivorian agricultural products** to face traceability requirements for exporting agricultural products.



ANASEMCI ACTIONS IN FAVOR OF THE SEED SECTOR

- ❖ **Demonstration of the feasibility of a local seed industry for the production of certified seeds (Variety EV 8728)**



Training of ANASEMCI Members by SMAE (France)

Delivery of certificates to farmers – trained ARLASEMCI multipliers Maize EV

- ❖ **Support (BEERA Collect Software) to the Ministry of the Environment for the national inventory of prohibited and non-prohibited pesticides used on the national territory**

Seed is, and must be, a professional matter



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ANASEMCI ACTIONS IN FAVOR OF THE SEED SECTOR

Promotion of national et international rules

Manual of harmonized procedures for the import and export of seeds and seedling in the ECOWAS, UEMOA and CILSS region



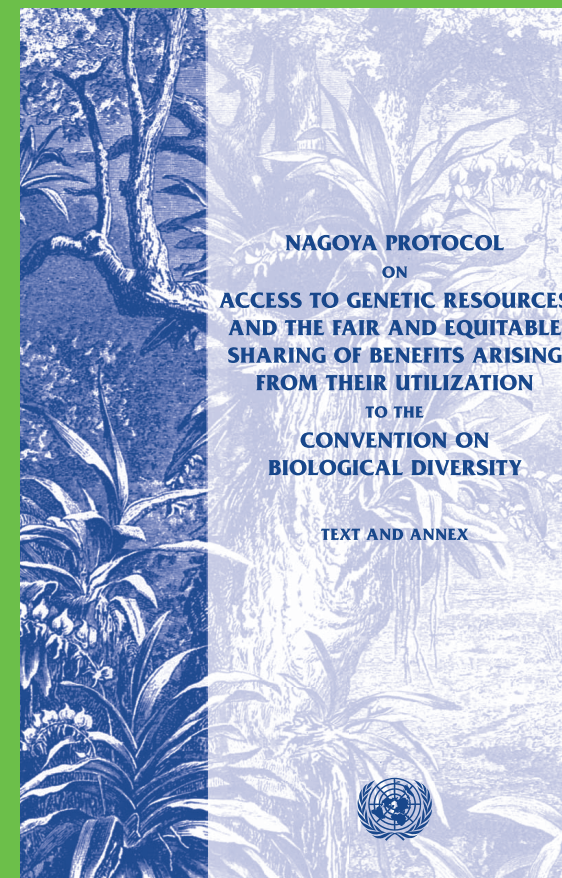
**MANUAL OF HARMONIZED PROCEDURES FOR THE IMPORT
AND EXPORT OF SEEDS AND SEEDLING IN THE ECOWAS,
UEMOA AND CILSS REGION**

Coordinated by :



Permanent secretariat of the regional seed committee

May 2023



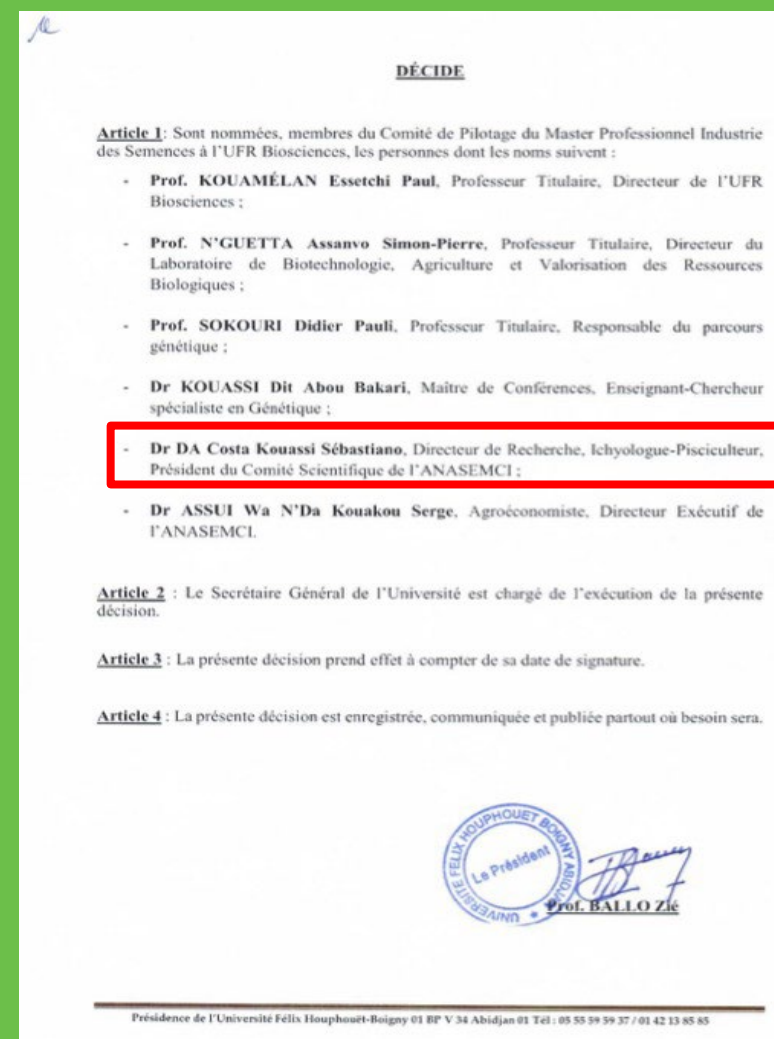
Seed is, and must be, a professional matter



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History

Establishment of a Master Course in Seed Industry with the Felix Houphouët-Boigny University (UFHB)



Need of international Partners for Capacities Building in Governance and Scientific and Technical Management of the Seed Sector in Cote d'Ivoire and West Africa



EXPECTATIONS FROM WFO-OMA AND THE WTO

- ❖ **A strong seed sector in Ivory Coast and West Africa** with new varieties adapted to climate change respecting international marketing standards;
- ❖ **A capacity building of seed sector actors in Côte d'Ivoire and West Africa** in terms of governance and seed certification in the framework of the Professional Master's in Seed Industry set up by the Felix Houphouët-Boigny University (UFHB);
- ❖ **A Support for better management and availability of PGRFA** conserved at the local level **cryobanks**;
- ❖ **A Support from PTFs for the scaling up of seed multiplier cooperative companies into seed companies** following ECOWAS-WEMU harmonized rules;
- ❖ **A regulation C/REG.4/05/2008 on the harmonization of the rules governing quality control, certification and marketing of plant seeds and plants in the ECOWAS area**;
- ❖ **A Support from TFPs for the creation of companies producing healthy vitroplants**, in order to effectively fight against viruses and other pathologies of the main pathologies observed;
- ❖ **Promotion of ICT technologies** for a quick detection of various pathologies and swollen shoot in cocoa production.