



ECA-Caobisco-FCC

Joint Cocoa Quality & Productivity WG

ICCO Consultative Board Meeting
London – 15 September 2015



WG Update: Set up of Joint Industry Research Fund

- Joint Quality & Productivity WG
- Analysis of industry top research needs:
 - Cadmium; Pest & Disease management; Soil fertility; Improved Planting Materials and FFA
- Interest in pooling industry resources and expertise
- Set-up of a joint industry fund in 2013
- Selection of a few targeted projects (being careful not to duplicate existing efforts)

1st project: Mitigation of Cadmium

Research Partners: University of the West Indies 3-5 years

Secretariat: CAOBISCO **Status:** Ongoing

- The EU has now set maximum limits for Cd in cocoa products, whilst ongoing research tries to find a GAP solution
- Lab/greenhouse work shows possibility of genetic variation in Cd uptake, and influence of root environment
- Clear need to validate this in the field

Objectives

- Better understand cadmium contamination
- Understand the effectiveness of cadmium mitigation through:
 - genotypic factors,
 - biological factors,
 - cultural practices
- Define mitigation techniques

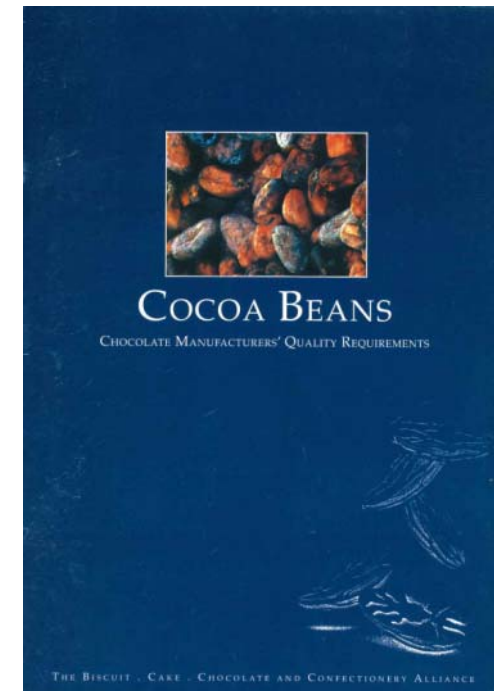


2nd Project: Industry Quality Requirements Guide

Update of the 1996 BCCCA booklet to produce « *Chocolate and cocoa industry quality requirements* » Guide.

Secretariat: Caobisco Status: Ongoing

- **Scope**
 - Quality – Mainstream – General requirements
 - 2014 Version - Main updates
 - Post harvest and GAP
 - => Quality attributes ONLY
 - Food safety (OTA, PAH, etc)
- **Audience**
 - Researchers
 - Certifiers
 - Internal company (Processor and manufacturer)
 - Buyers
 - NOT Farmer or Farmer training



In-line with Global Cocoa Agenda reference to enhance communication of industry quality needs and promote wider adoption of GAPs

3rd Project: Mapping and detection of CSSV

Research Partners: CIRAD, Universities of Reading and of the West of England
Secretariat: ECA **Status:** Start 2015 **2 year project**

- To develop a solid detection test as a priority, (both for symptomatic and non-symptomatic trees).
- To update the mapping of CSSV spread in Côte d'Ivoire, Ghana, Nigeria.
- The research will contribute to recommendations to combat the spread of CSSV and improve remedial measures (in terms of detection tool for use in identifying infected cocoa trees and non-cocoa host plants, suitable barrier crops and design of the plantation).



ECA to liaise with WCF, ICCO and others on research findings