



“CocoaSafe”: Capacity building and knowledge sharing in SPS in cocoa for South East Asia and the Pacific

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KNOWLEDGE FOR LIFE





Compliance with European Legislation and International Food Safety Standards

Current SPS and food safety issues include:

- Pesticide residues
- Heavy metals (particularly cadmium)
- Mycotoxins (ochratoxin A)
- Polycyclic aromatic hydrocarbons (PAHs)
- Mineral oil hydrocarbons
- Microorganisms (bacteria)



Why “CocoaSafe”?

- The project was developed with ICCO for SE Asia and the Pacific – a sister project to the SPS Cocoa Africa project
- Participating countries included Indonesia (ICCRI), Malaysia (MCB) and Papua New Guinea (PNG-CCI Ltd)
- Partner organisations: Mars and CropLife Asia
- Implemented 2013-2016
- Aims of the project:
 - Raise awareness about food safety and SPS issues with different stakeholders in the supply chain
 - Improve food safety and SPS practices through GAP and GWP
 - Create a platform to allow knowledge sharing within the region



The Approach

- Target beneficiaries: small-holder cocoa farmers, post-harvest processors/traders, input suppliers and national & regional authorities
- Developed a training curriculum which was adapted specifically for each countries needs and translated into local language
- The manuals includes not only information on SPS/Food Safety but integrated all best practices for cocoa production – not a stand alone tool
- Training of ‘Master Facilitators’ who went on to train ‘Facilitators’
- MF: agricultural officers, researchers and extension officers
- F: local extension officers, lead farmers, processors/traders and input suppliers



Training

- Training of MF and F was carried out in 11 cocoa growing provinces in Indonesia (in Sumatra, Kalimantan, Sulawesi, Bali, Java) and 3 in Malaysia (Perak, Sarawak, Sabah)

	Indonesia	Malaysia
MF	20	27
F (lead farmers)	100	112
F (extension)	100	40
Input suppliers	40	17
Processors	180	0

- No training activities were initially carried out in PNG although the manual developed has been used during Cocoa Pod Borer Management Training funded by ACIAR

Other resources and materials

- A series of posters and videos were produced and distributed:
 - Safe pesticide use
 - Harvesting and processing
 - Pod breaking
 - Fermentation
 - Storage of beans
 - Grading for export



CocoaSafe

Capacity building and Knowledge Sharing in SPS for Cocoa in Southeast Asia

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Latest activities



Papua New Guinea

- ▶ Meeting to discuss training materials to be developed for PNG, 10 - 14 August 2015



This meeting was held to discuss the curriculum for the manual and topics for posters and videos

[More...](#)

Indonesia

- www.cocoasafe.org
- www.koko.gov.my/cocoasafe
- www.cocoasafeindonesia.id/

Ants and cocoa



Spraying



Partner Links

[CocoaSafe Malaysia](#)

[CocoaSafe Indonesia](#)

Links & References

[Cocoa Quality Manual](#)

[Cocoa Connect](#)

[FAO - Cocoa](#)

[Cocoa Futures](#)

[Coffee and cocoa international](#)



Impact!!!!

- Very difficult to assess within the life of the project
- Only MF and F were trained within the scope of the project
- FFS expensive and time consuming method for training farmers especially problematic in Indonesia
- Assumption made that this knowledge would be passed onto farmers and other stakeholders – and there is some evidence to support this
- Carried out pre and post-training questionnaires (post-training = 18 months after training)
- Analysis of the data suggests that practices improved for the 3 groups but results were dependent on the province



General findings

- Knowledge and practice of GAP amongst farmers in Malaysia was generally higher than that in Indonesia
- Practices showing significant increase include:
 - Phytosanitation/harvesting practices for management of BP and CPB – reduction in pesticide use
 - Timely pod breaking
 - Fermentation
- Lead farmers indicated they have passed on information to other group/cooperative members
- Processors have improved methods of storage and reduction of fungicides during storage
- Input suppliers felt they could offer better advice to farmers on management of pests and diseases and safe use of pesticides

<http://cocoaquality.eu/>

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MARS



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