UTILIZATION OF BY-PRODUCTS FROM COCOA

& CHOCOLATE OBTENTION

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COCOA PRODUCTION PROCESS

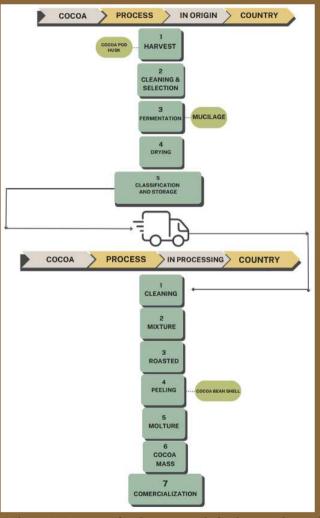
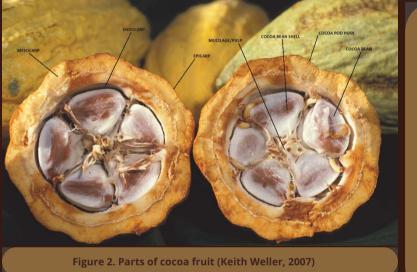
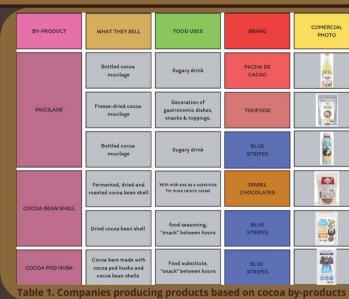


Figure 1. Cocoa production process in both countries

OBJECTIVES

To seek proposals for the use of by-products in cocoa processing to reduce environmental impact and contribute to a more sustainable economy.





CONCLUSIONS

This study has allowed to understand cocoa and the potential of the by-products.

Chocolate production generates a considerable amount of waste.

Extensive information has been found regarding cocoa husk, pod and mucilage as by-products, as well as extraction techniques for them It is true that many of these techniques are still in experimental phase, being difficult to implementate.

The reuse of cocoa by-products not only help reducing waste, also it is beneficious for producers and promotes a circular economy.

The most relevant on this study is the existence of companies that have successfully commercialized cocoa by-products.

REFERENCES

Keith Weller, (2007), Cocoa beans in a cocoa pod, USDA ARS.