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EXPLORING INNOVATIVE APPROACHES TO IMPRODUCTION IN NIGERIA: A EXPLORING IN PRODUCTION IN NIGERIA: A QUALITATIVE STUDY

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Abstract

Shea butter production in Nigeria is declining as a result of lieus degeneration by communities for other economic However, the continuous decrease in shea nuts production of the continuous decrease in shear nuts production in the continuous decrease in the continuous affecting the quantity of shea butter produced locally in demand for shea have revealed the demand for shea butter is increasing across the globe, and processors are of shear. local processors are not producing enough quantity of sheat him. to meet the demand of the larger domestic market and for the larger domestic market and the l buyers. This study is conducted to investigate the production of the larger domestic market and structures of shear has conducted to investigate the production of the larger domestic market and structures of shear has conducted to investigate the production of the larger domestic market and structures of shear has conducted to investigate the production of the larger domestic market and structures of the larger domestic ma constraints of shea butter production in Nigeria, using destructured interview structured interview approach. The findings reveal destruction of shea trees, lack of improved processing facility for quality, and the shear of shear approach. high demand of shea trees, lack of improved processing facility shea butter by definition of shear approach. The findings identified for quality shear butter by definition companies are the Scarmetic companies. Wiscouldson of object to use implicationally on the production was few about trace and the despropriation of administration to one about business products only weather about business because these some makes about business accommoditions about the about the production of the produc

British Street before a a summer of or his allient a representation to the street in all the Disease again the place as at the contract of the c the property and the second of E relievas andries was more than a formal extensional

Significance of the Study

The contribution of past studies to supply chain management in the African shea butter industry is irrefutable. However, the available literature from the perspective of innovative approaches in the shea butter industry, is insufficient for the following reasons, many studies focused on the traditional marketing and supply chain approaches, while others capitalised on the value chain processes and largely ignored exploring moving away from traditional approaches to exploring more innovative approaches of finding solutions to the challenges encountered in the value and supply chain. More importantly, quite a number of studies in the African shea butter industry come from countries such as Ghana, Burkina-Faso, Mali and Benin Republic. Whilst all of these literature is available, the result of the findings may not be applicable to the Nigerian context.

Methodology

In order to pull together qualitative data on the constraints preventing high quantity of shea butter production and approaches to increase its production, ten semi-structured interviews were conducted among four government officials, three shea butter factory owners and three shea butter processors in Niger State, Nigeria. Based on the literature reviewed, I formulated two research questions using a semi-structured interview checklist.

Findings

The Key Constraints that Marred Adequate Shea Butter

Production

Shea Trees Destruction

Since the past two decades, Nigeria has been losing shea trees. The shea trees are being destroyed for other economic purposes i.e. for charcoal production, firewood, mortar and pestle making (Adams et al., 2016). Consequently, more of the destructions of shea trees are done in the rural communities where shea butter is processed (Garba et al., 2015). This destruction of shea trees is assumed to be caused by poverty and unemployment (ibid). some believe that it is caused by the effect of bush burning for hunting of rodents in communities where there is no maximum protection for economic

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kernel and this gives room for all forms of impurity to get mixed up with the shea nuts and kernel, we have to take a lot of time sorting..."

ack of storage facilities and modern processing equipment are insidered some of the most central constrictions in shea butter occssing in many processing communities in Nigeria (Koloche al., 2016). This leads to the use of manual human labour which volves the use of children for shea nut picking and processing at e detriment of their schools as young children (ibid).



Figure 1: Current Processing Situation in Many Shea Butter
Processing Communities

urce: Ph D Researchers Fieldwork, 2015.

gh Demand for Quality Shea Butter

Latin of International Principles and

recent times, the demand for high quality shea kernel and shea tter had increased across the African shea belt (Obibuzor *et al.*, 14). In 2013, it is estimated that the total shea export from geria is 45,000 tons in which shea nut export is estimated at ,000 metric tons and shea butter quantity as 15,000 metric tons ovett, 2013). Nigeria being one of the major producers of shea ts in the African belt is slow in the bid to meet the ernationally accepted standards for shea products (Garba *et al.*, 11; Obibuzor *et al.*, 2014). Though, shea kernel is exported to rious parts of the world which includes African countries,

Europe, America, Asia and Europe for mechanized processing in shea butter (Chalfin, 2004). Despite this, a greater percentage traditionally processed shea butter is consumed locally in Nige by domestic factories and households (Chukwu & Adgidzi, 2000). Ademola et al., 2012). One very important thing to note is the shea butter varies in quality especially according to method production which is greatly influenced by socio-cultural belief when a factory owner was asked about the challenges in meeting up with buyers' specification in terms of quality, he respondent

butter before selling. The quality of unrefined shea butter is very important to us. We look at quality of the shea butter before we use it, we don't use every type of shea butter..... shea butter is of different grades and classifications we make sure that we use (grade A) the best grade for production..."

Innovative Approaches towards Increasing Shea Butter

Production

Domestication of Shea Trees

The juvenile stage of shea tree is between 15-25years, in whit flowering of the fruit starts at almost the same time and can of reach maturity age between 30-50 years if left undestrow (Djossa et al., 2008). Therefore domestication of the shea to becomes a necessity in order to shorten the maturity age at increase shea production even though it is a difficult proce (Ugese et al., 2010). Since March 2005, the Nigerian Institute foil Palm Research (NIFOR) has taken the lead in the domestication using the Bida Nursery garden as the domestication centre. The centres have developed the oil palm for a long time through research. In the past 5 years, a deliberate effort has been made by the Nigerian government to domesticate the sheat trees NIFOR, Bida, Niger state. Though, progress has been made but picture of a sheat tree that has been domesticated for 5 years but

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is still yet to start fruiting, the picture was taken during my Phl research fieldwork in February 2015.



Figure 2: Shea Tree Domestication, NIFOR, Bida Niger State.

Source: PhD Researchers Fieldwork, 2015.

Shea Trees Protection

The Nigerian government gives high priority to forest tree protection, in which the shea tree is inclusive. The Nigeria government strongly belief that the contribution of fore resources to economic growth is immeasurable and therefore the National Council on Environment together with the Sta Ministries of Environment came up with series of policies conserve the ecosystem and the resources embedded in it (Usma & Adefalu, 2010). Various strategies have been developed by tl government to protect the shea trees. For instance, in Niger stat the state government set up the Green Guard Initiative (GGI) collaboration with GIZ and the communities to protect the fore resourcesin different communities where shea trees are found abundance. The GGI was seen as way of creating jobs for the communities because most of those recruited are the communi dwellers (Ebayaya, 2014). More importantly communi sensitization has been going on for a long time especially after the proliferation of Nigerian streets with charcoal sellers (Ogar 2011).

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