Fuelling a performance leap with digitized quality assurance

"Innovation is an inexhaustible engine for economic development"

Li Kequiany, Premier, People's Republic of China, World Economic Forum

With technology driving increased sales and profits globally, a digital quality assurance/quality control (QA/QC) system for food fortification in Nigeria will open THREE paths to greater efficiency and enhanced financial performance for fortified food producers.

'Quality' Marketing = More Profits

The new system will generate data that can be used to achieve consumer trust in the quality of food fortified with nutrients essential to health.

A study¹ of 3,000 companies found that for every 2% improvement in the rating of an organization's quality by its customers, there is a corresponding 1% increase in its return on investment.

A survey² of 160 food and beverage companies in Nigeria found that food producers using quantitative quality data for competitive marketing were 7x more likely to have higher profits than companies using soft marketing through personal contacts.

The companies that used data based marketing were judged by consumers as having a corporate image that was, on average, 79.5% better than those who did not.

The companies with a better corporate image were nearly three times more likely to report superior financial performance than the companies with a poorer reputation.



'Proof of Social 'Good' = Lower Costs and Higher Sales

High quality, trusted fortified foods are a social good, transforming the nation's future. This status provides a proven dividend to fortified food producers. Nigeria's population has acute health issues due to vitamin and mineral deficiencies. These are killing, disabling, and damaging the potential of Nigeria's men, women and children, with:

Fortifying staple foods is proven to prevent and alleviate these problems⁷:





some of the worlds's highest rates of anemia, maternal deaths, and infant deaths³;



impaired brain⁴, intellectual and physical⁵ development; and



compromised immunity⁶.

Delivering a product that is a social good:

- Makes companies more attractive to prospective employees⁸
- Leads to higher employee satisfaction and productivity⁹
- Leads to reduced financing costs¹⁰
- Delivers better financial performance¹¹ and consequently higher appeal for investors
- Increases customer product satisfaction¹²
- Increases customer loyalty¹³



Inventory Control = Increased Profitability

A company's inventory comprises raw materials, work in progress, and completed goods. It typically represents 33% of an organisation's total assets, as much as 90% of working capital¹⁴, and 40% of all capital¹⁵.

The new system will make it easier to efficiently track inventory, measure production flows, and tune stock levels so that producers can satisfy all sales orders, while avoiding over-stocking.

A study¹⁶ of digitized inventory control and tracking at staple food producer UNGA Group in Kenya found:



Reduced Obsolescence and Surplus



Increased Sales



Improved Product Quality



Increased Customer Satisfaction



Reduced Inventories



Shorter Production Cycle Times



Increased Profitability

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