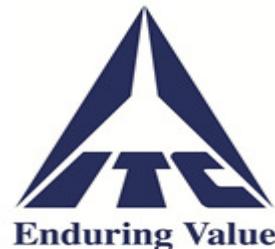




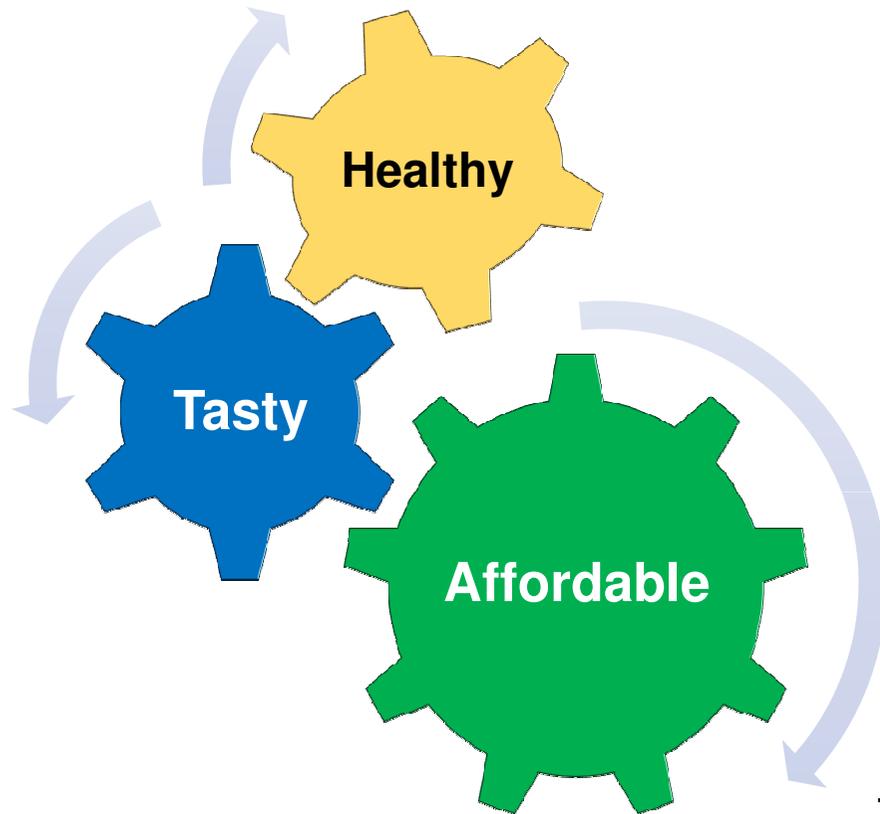
Best Practice Guide - Quality and food safety management for a cashew kernel supplier

Sabyasachi Tripathy
ITC Limited (Foods Division)
2nd February 2018



DISCLAIMER: The views and opinions expressed in this presentation are those of the author and not to be considered as company's view / endorsed by company.

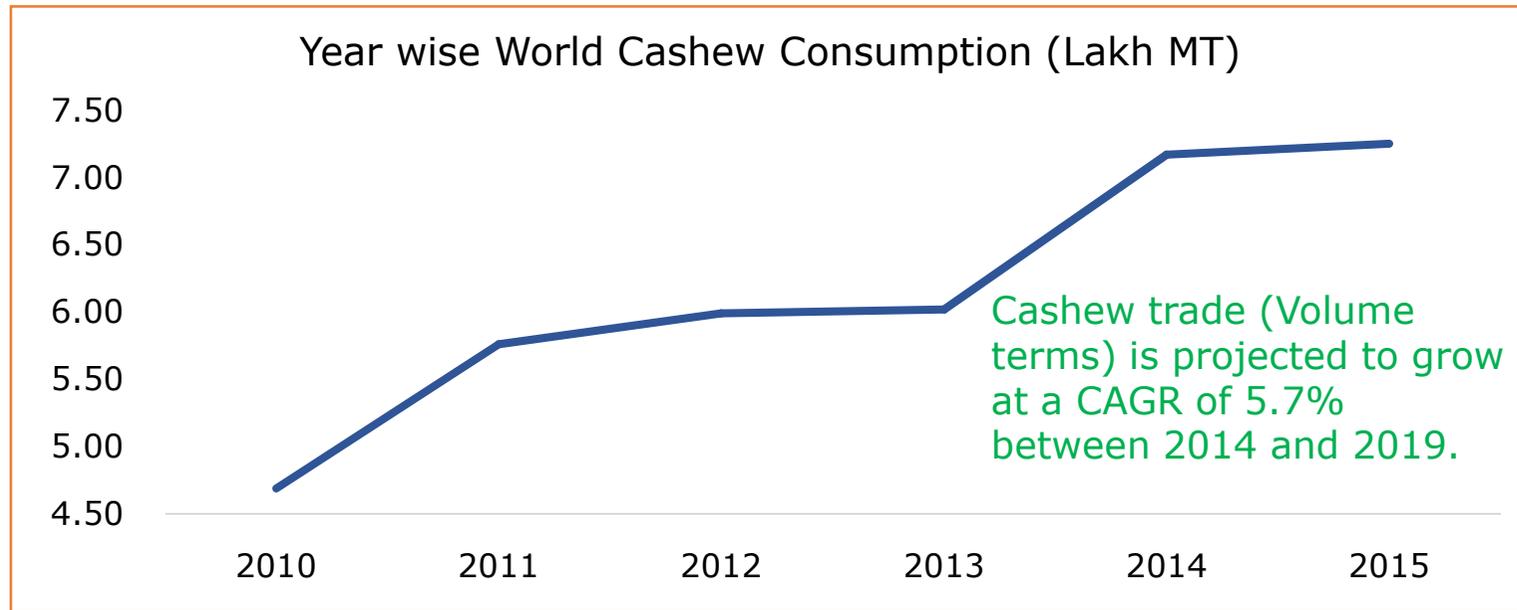
Wide usage of cashew



Traditional sweets
Breakfast cereals
Homemade foods & curries
Biscuits & Snacking
Confectionery

Bakery
Ice Creams
Chocolates
Beverages

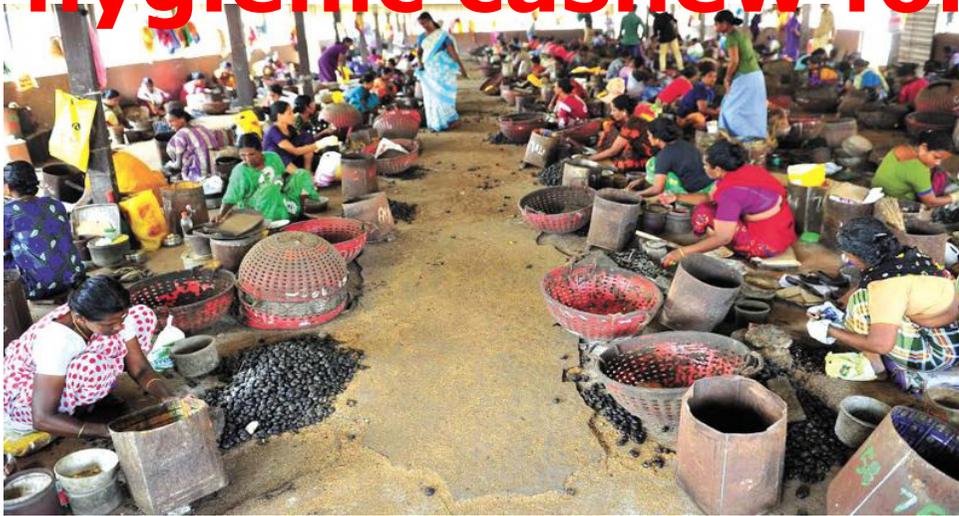
Cashew demand expected to increase in coming years.....



- Global **Biscuit Industry** expected to grow @ CAGR of 4.7%+ during 2017 – 2025
- Global **Breakfast Cereals** market expected to reach US\$ 43.2 Bn by the end of 2019 and will expand at a CAGR of 4.1% (2013-2019)
- Technavio predict that the global **Chocolate and Ice-cream** market will grow at a CAGR of more than 5% by 2021.
- **Bakery** industry in the world is expected to grow at a CAGR of 6% by 2021.



Are we manufacturing safe and hygienic cashew for our consumers??



Grave Quality Concerns

**Foreign Matter
Contamination**



**Hair/ Stones /
wood pieces**



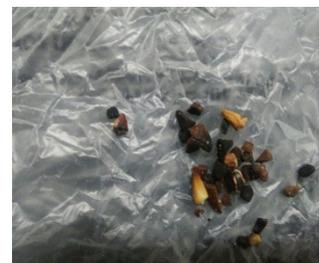
Bangle Piece

**Receipt of poor
quality & infested
Kernels for
processing**

Infestation



Other grain contamination



**Unhygienic
processing area/
Irregular plant
fumigation**



Infestation in Kernels

Cross Infestation

Makes us to think.....

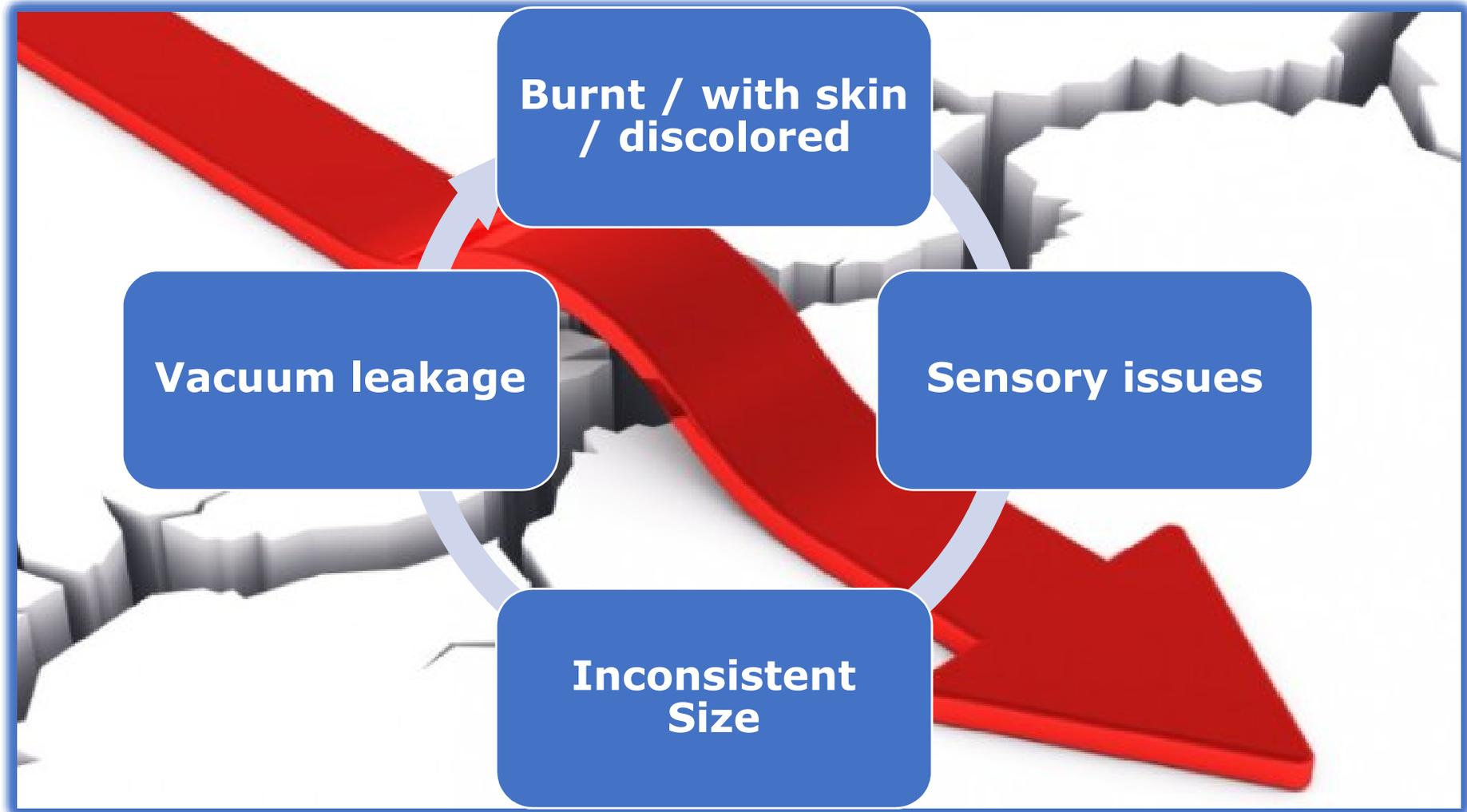


Making the cashew industry organized will help in providing visibility and collaboration across supply chain



Automation of labour intensive industry will result in driving efficiency

Other Quality Concerns





**Statutory compliances with respect to FSSAI
still remains a challenge**

MINDSET NEEDS TO CHANGE





Pillars of Efficient Quality Management System



GOOD QUALITY & LOWER REJECTIONS – BETTER CUSTOMER SATISFACTION

Raw materials – Quality management

Good manufacturing and storage practices

Handling and transportation management

Regular review, audits and statutory compliance



Small Things

Make a Big Difference



*Thank
you*



Nuts scanner

SAMPLE - CASHEW NUT



SAMPLE - CASHEW NUT



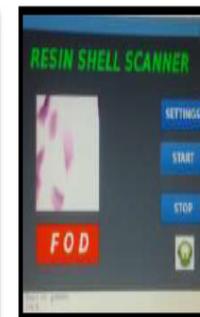
PRODUCT : CASHEW NUT
DEFECT : NIL
DEFECT SIZE : NIL
RESULT : OK - GOOD PRODUCT



PRODUCT : CASHEW NUT
DEFECT : STONE PIECE
DEFECT SIZE : 2.5 MM
RESULT : FOD - STONE FOUND



PRODUCT : CASHEW NUT
DEFECT : METAL PIECE
DEFECT SIZE : 2.0 MM
RESULT : FOD - METAL PIECE FOUND



PRODUCT : CASHEW NUT
DEFECT : GLASS PIECE
DEFECT SIZE : 1.5 MM
RESULT : FOD - GLASS FOUND

