



Food Sector Challenges and Opportunities

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Food Certification



- Global food markets - Reputation
- Safety requires commitment from all parts of the food chain
- Proliferation of 'own interest' standards
- ISO – harmonisation - ISO 22000:2005



ISO 22000: 2005 FSMS



- ISO style management system
- Key areas of :
 - Management Responsibility
 - Resource Management
 - Planning and Realization of Safe Products
 - Validation, Verification and Improvement
- Generic system approach – too generic
 - Sector Specificity and Integrity



Sector specificity

- Specific scientific, engineering, environmental and personnel requirements
- Trade based, customer demands, consensus
- Supplementation of ISO 22000 with sector specific Pre-requisite Programmes
- Harmonisation - ISO/TS 22002-series.



ISO 22002-X Pre-requisites

- The ISO 22002-series
 - -1 Food Manufacturing (2009)
 - -2 Catering (2013)
 - -3 Farming (2011)
- More to come –
 - Packaging, Warehousing, Transport and Distribution



Integrity – FSSC



- FSSC – Food Safety System Certification
 - ISO based – ISO 22000 + ISO 22002-x
 - Internationally recognised; Non profit; Supply chain approach; Robust
 - Certification bodies members
 - Accreditation
 - Integrity auditing; Annual enquiry; Competence
 - Global Food Safety Initiative recognised





FSSC 22000



- Fastest growing area of food certification globally
- 5000 sites registered in last 18 months
- Integrity key
- Auditor competency - discretion
- Independent – not dictated by customer but consensus



Summary

- Food - integrity and transparency
- FSMS – integrity and transparency
- Auditing - integrity and transparency



Thoughts on the future....

- Global food market development
- Supply chain efficiency shopping
- Hunger vs Obesity
- Back to nature
- New tech – nano-tech
- Waste....



Food Waste

- 50% food lost from farm to fork
- 30% due to Food Safety Problems
 - Microbiological issues
 - Ineffective handling
 - Inefficient processing
 - Supermarket mis-mangement
 - Poor Consumer behaviour

