

**Food information systems
and their design (part 5 of 5)**

Presented by:

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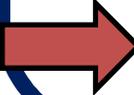
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Based on materials from:

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The agenda - Day 2

- Review of Day 1
- Food information systems
- Examples of traceability systems
 - a. Livestock (South Africa)
 - b. Chicken (China)
 - c. Export grapes (India)
 - d. Palm Oil (RSPO)
 -  e. Halal
- Practical exercise

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Traceability

100%
HALAL

Allowed range of
fundamental rules

Prohibited
ingredients

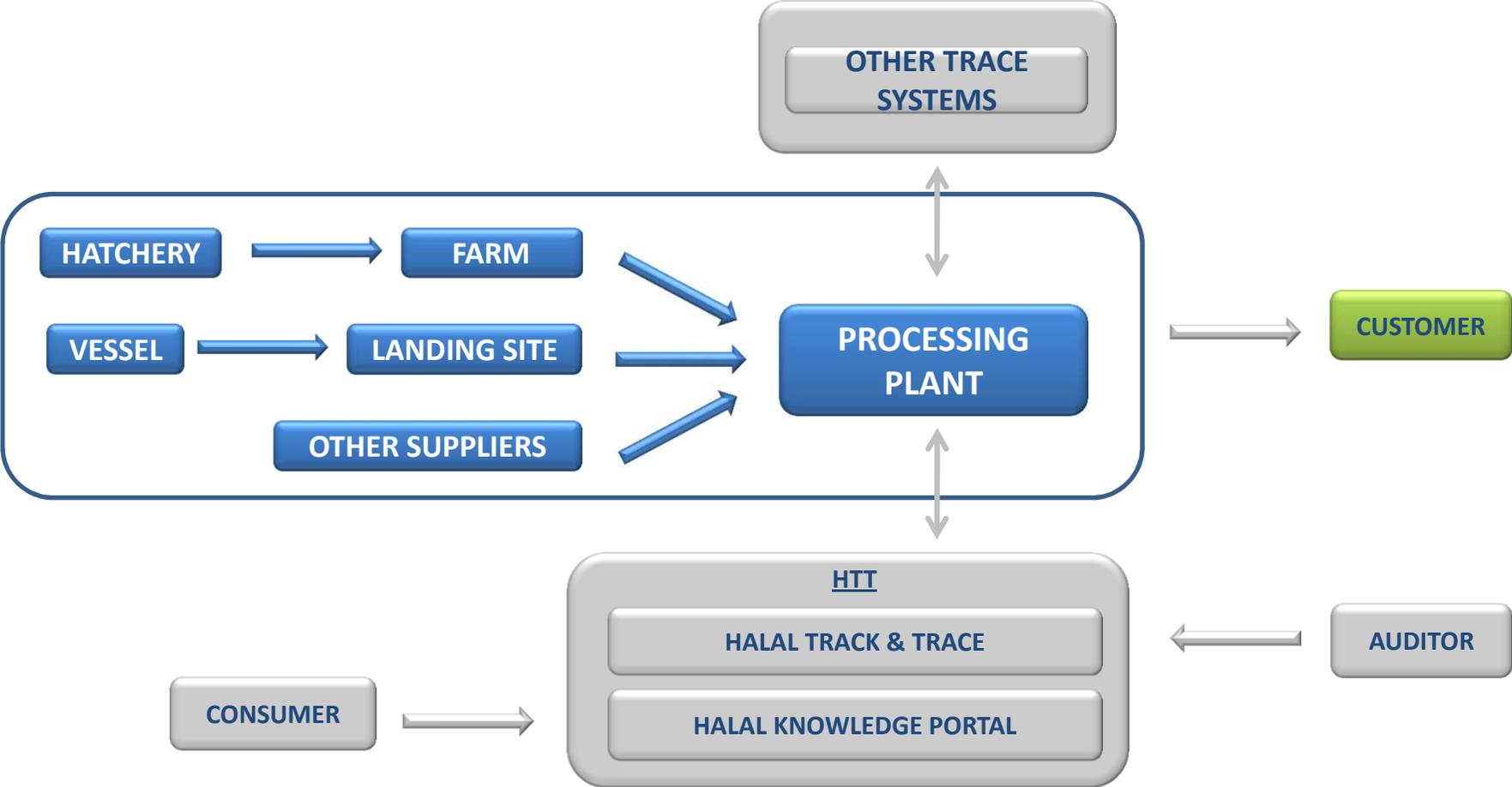
NO EXPLANATION
OTHER THAN ALLERGEN
FOR KEY INGREDIENTS

NO NEED FOR
ANTHEMIC REASONING

Case study: Halal traceability and Halal Assurance

Supply Chain Example

← SUPPLY CHAIN TRACEABILITY →



The particularities of Halal food

- Halal food has particular requirements
 - The spiritual aspect exempts it from a risk-management approach
 - Only very limited physico-chemical or microbiological tests available
- Basic challenges
 - Certificate/label fraud
 - Doubtful certificate schemes
 - Misinterpretation of certification scheme rules
 - Multitude of certification schemes with different requirements
- There is a clear need for Halal assurance through information exchange
 - Only the provision of detailed and reliable information can help

Limitations of the chain of trust



Traceability as key for Halal assurance

Traceability systems help ensure Halal integrity

- By providing clear information with regards to origin and processes
- By linking food safety to the process flow
- By ensuring that all planned safety measures have been carried out
- By ensuring that labels are correct

Halal traceability systems:

istics

- Includes GDN and GRN, as well as RFID subsystem
- Increases efficiency of the supply chain
- Decreases the error rate on site

ability

- Manages Halal on a per lot basis
- Increased trust levels through transparency
- Meets export requirements
- Advanced risk management through recall/withdrawal

oa

- Includes Food Safety Management
- FBO can demonstrate production of safe Halal food

l Practice

- Includes Halal management and Halal verification
- FBO can show its commitment to Halal management

ificate

- FBO has to supply only certificate, ingredient list and suppliers
- Minimal service guarantees valid Halal certificate of FBO and its suppliers

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_5193

