

Electronic Traceability and Market Access for Agricultural Trade Facilitation

Food information systems and their design (part 1 of 5)

Presented by:

Gwynne Foster

g.foster@mweb.co.za

Based on materials from:

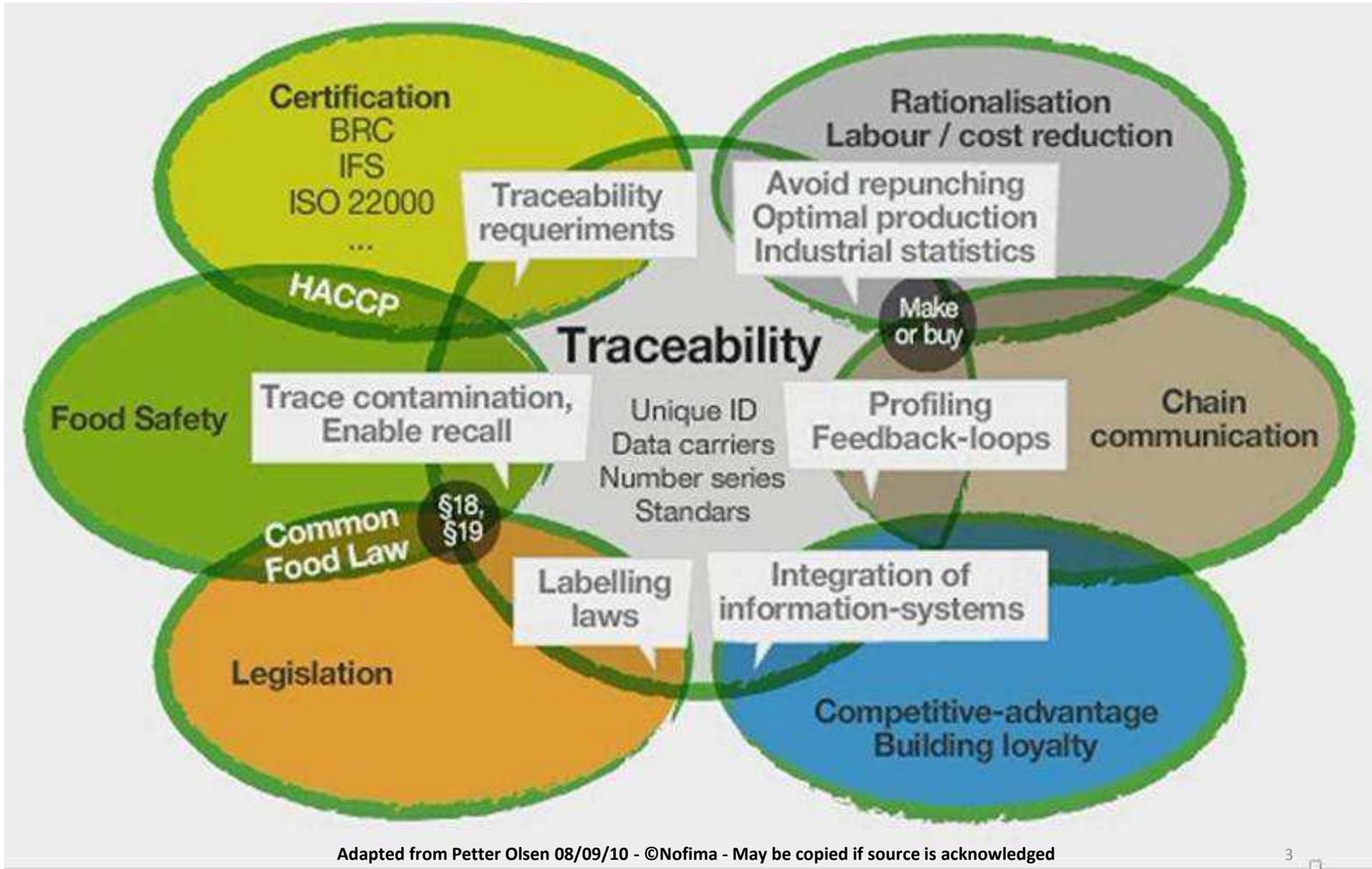
Dr Heiner Lehr

heiner@syntesa.eu

The agenda – Day 2

- Review of Day 1
- Food information systems
- Examples of traceability systems
- Practical exercise

Traceability drivers in the food sector



Stakeholder benefits - “Our clients want traceability because...”

- Market differentiation by having documented evidence of
 - practices of social or religious nature (such as fair trade or Halal) or
 - adherence to certain standards (such as GAP, GMP and HACCP)
- To show foods that originate in a certain area (“Made in ...”) or are prepared in a certain fashion (“Taste of ...”)
- To improve internal efficiencies (such as reducing stock holdings)
- To calculate parameters related to sustainability (such as food miles, carbon foot print, fossil energy savings, ...)
- To get feedback of performance of products, especially for the feed – animal – food chain (e.g. IPM and intensification)
- To help prevent fraud

Day 1 - Traceability presentations

- The smarter food vision
 - The global food trade system
 - The example of the European Union
 - Information systems
 - The vision of smarter food
- Electronic traceability – The theory
 - Traceability concepts
 - Stakeholder views
 - Why traceability is important
 - Traceability principles
 - Implementing traceability
 - Stakeholder benefits of electronic traceability

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Chain food information management systems from a functional point of view

- National single window systems and ePermit systems

Customs management



- Food safety oriented systems
- Animal and carcass tracking

e-traceability systems



- Fair trade
- Religious
- No child labour

Ethical compliance



- Sustainability tracking
- Compliance to specific food standards

Standard compliance



- IUU fishing
- Export/import licenses
- Shipment registration

Legal compliance



- Transparency systems

Marketing focus



https://www.yunbaogao.cn/report/index/report?reportId=5_4708

预览已结束，完整报告链接和二维码如下：



of data

traceability information

Required key data

Company certification, registration details

Available additional data

Alert, product recall or withdrawal etc.

Inspection data

to be made available to remote or on

Required information

purposes on the basis of Good Practices, Codes of general industry knowledge

Information

might want to define in order to streamline their

OBLIGATORY

quantity of information