

Training of Trainers Workshop on Trade Facilitation and Paperless Systems for Agrifood Products

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Electronic Traceability and Market Access for Agricultural Trade Facilitation

Food information systems and their design

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- Sanitary and phyto-sanitary information (SPS)
 - Internal hygiene, food safety and related export procedures
 - Disease control
- Food nature and history
 - Origin (linked to compliance, consumer health and choice, food safety)
 - Certification and Practices (e.g. Halal, fair trade, labour conditions etc)
 - Consumer information, in particular related to correct labelling
- Control of illegal activities
 - Import/export bans
 - Lack of trade permits
 - (Caught fish) Illegal, unreported and unregulated fishing (IUU)
- Customs
 - Trade information
 - Avoidance of illegal activities
 - Exporter blacklists
- Statistics
 - Continuous improvement
 - Mass balance
 - Avoidance of illegal activities
- Sustainability
 - Calculation of environmental, economic and social impact along supply chains
- Food security
 - Production prediction models based on history information

- To establish information chains, *chain food information management* is necessary
- ***Chain Food Information Management***
 - *refers to the distributed collection, storage and usage of information items, connected by traceability, that can be accessed via electronic systems*
- Simple steps:
 - Collect data as a food item moves through the chain
 - Make sure all processes connect inputs to outputs, i.e. are traceable
 - Transport or calculate relevant indicators and make them available to stages in the chain that are n-times removed

Types of 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

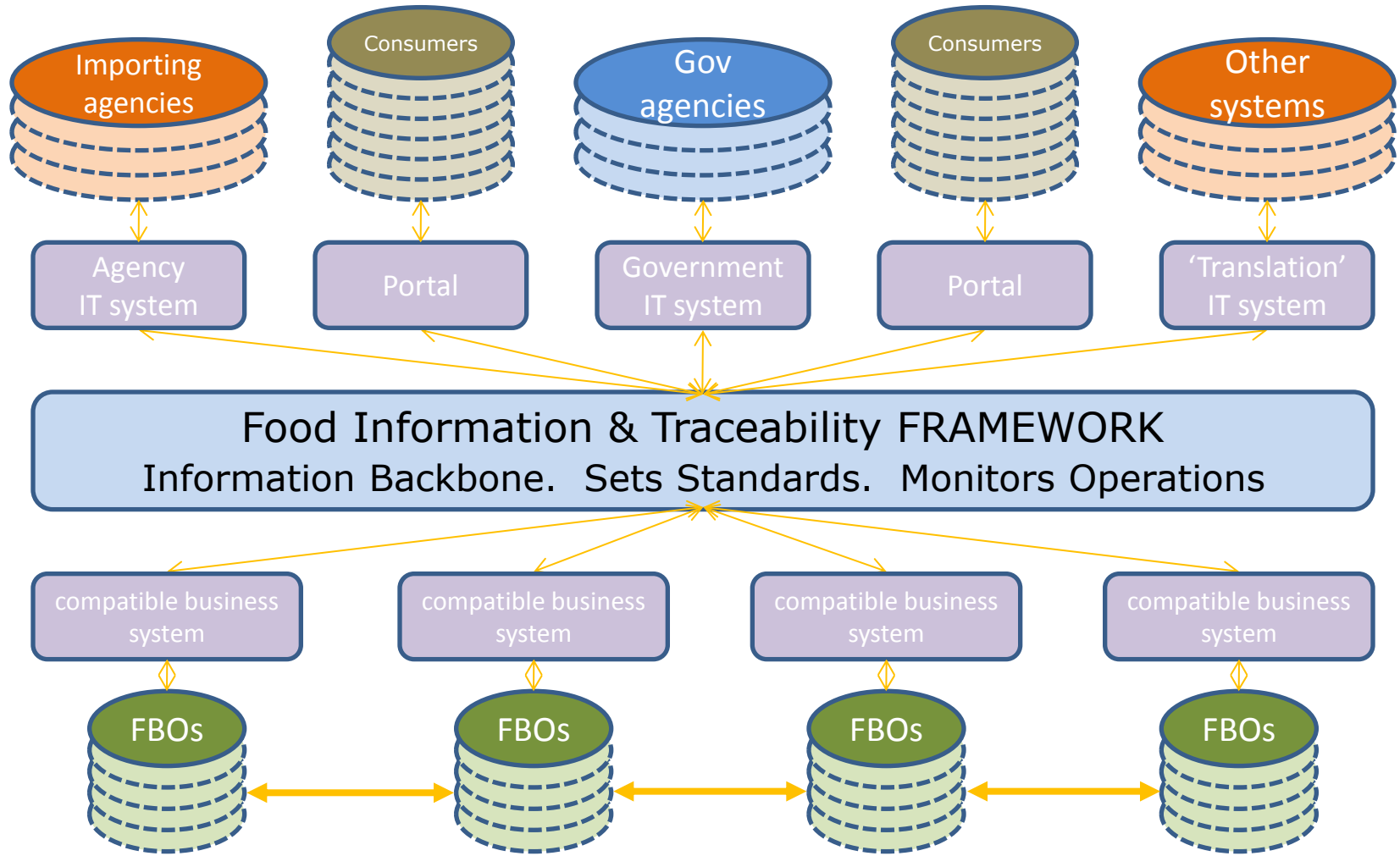


- Transparency systems

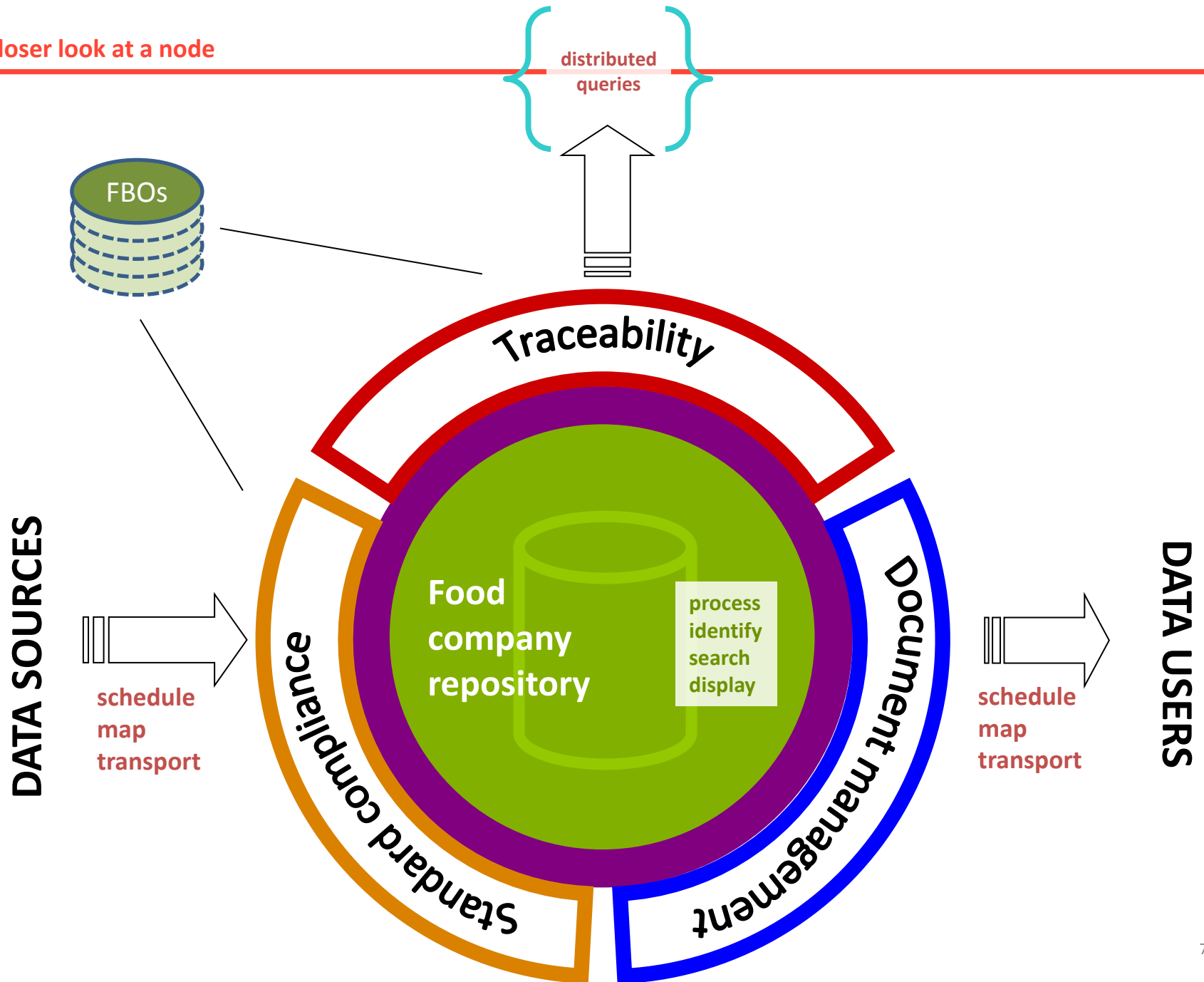
Marketing-oriented systems



Systemic view



A closer look at a node



DIMENSIONS

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_4743

