

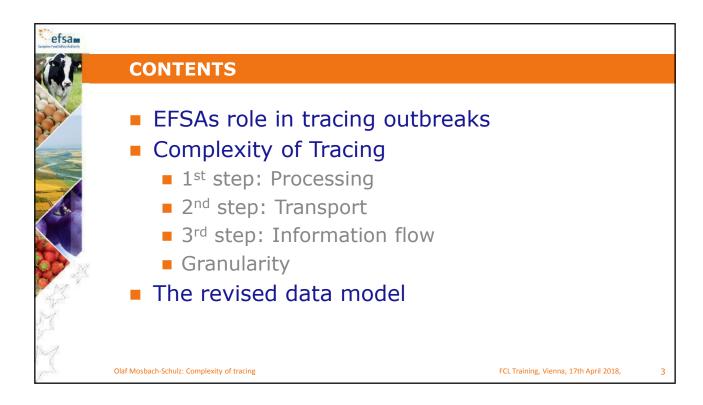


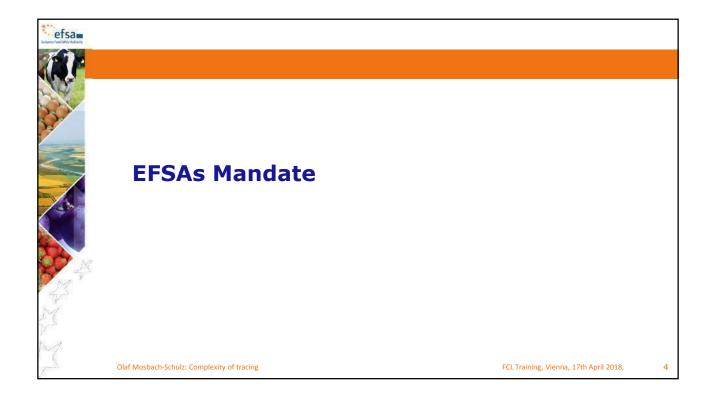
# **Disclaimer**

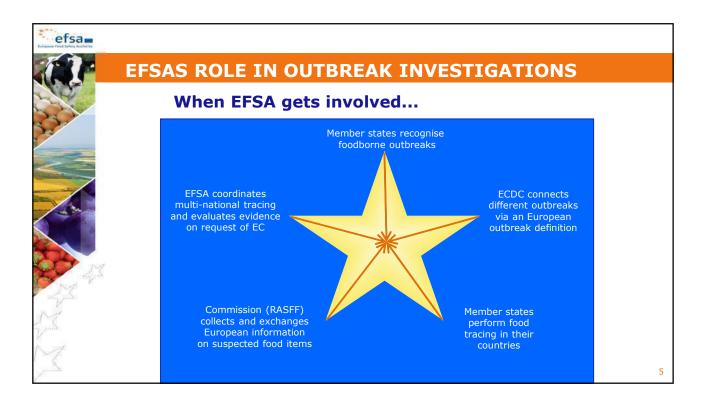
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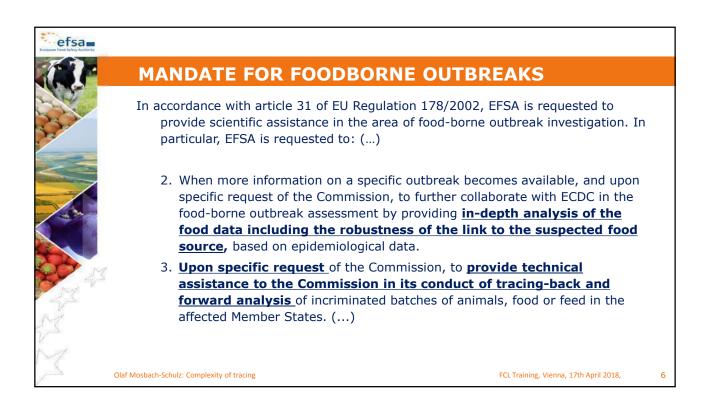
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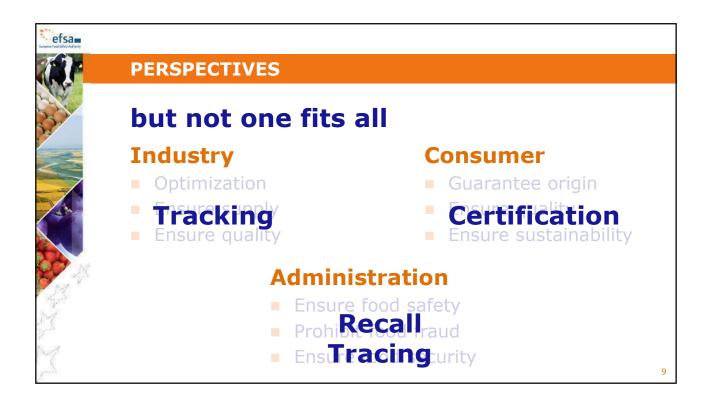


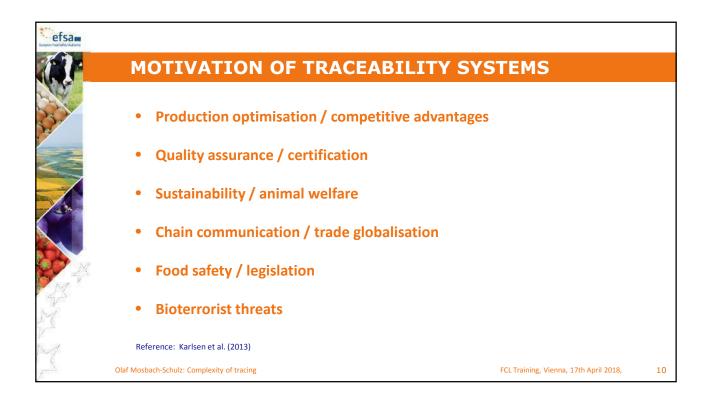




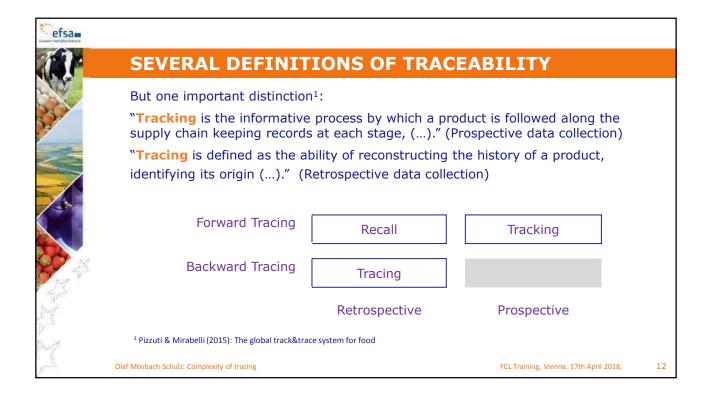














## SEVERAL DEFINITIONS OF TRACEABILITY

- Product traceability is the reconstruction of the physical product flow, the location of a product at any stage of the food supply chain.
- **Process traceability** is the reconstruction of all transformations of the product, including interactions with physical/mechanical, chemical, and environmental factors.
- **Genetic traceability** is the reconstruction of the genetic constitution of ingredients of the product. This is used to identify ingredients, their origin, or if they are genetically modified.
- **Inputs traceability** is the reconstruction of types, source and supplier of all ingredients used during production and processing.
- Disease and pest traceability reconstructs the epidemiology of pests and biotic hazards that may contaminate food or feed.
- Measurement traceability is the reconstruction of data and quality of measurements.

Reference: Opara (2003)

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### SEVERAL DEFINITIONS OF TRACEABILITY

There exist no common definition of traceability, but several approaches<sup>1</sup>

Working definition of (product) traceability

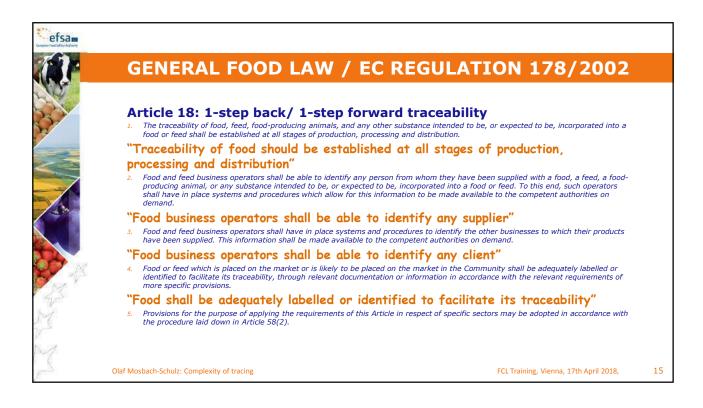
Traceability is defined as the ability to retrospectively follow the movement of food, feed, food-producing animal or substance intended to be, or expected to be incorporated into or in contact with food or feed, through all stages of production, processing and distribution by means of recorded data.

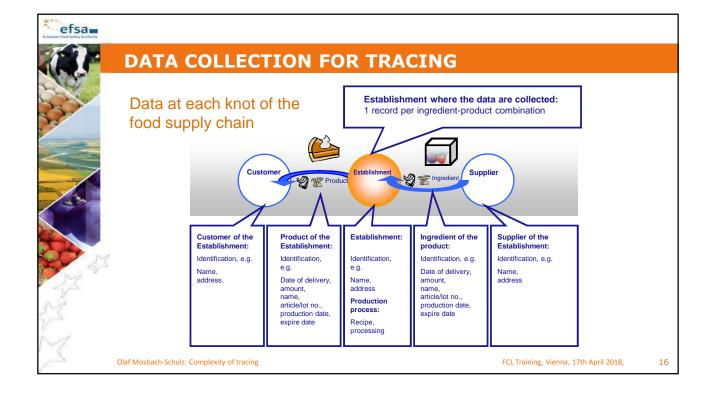
<sup>1</sup> Olsen & Borit (2012): How to define traceability

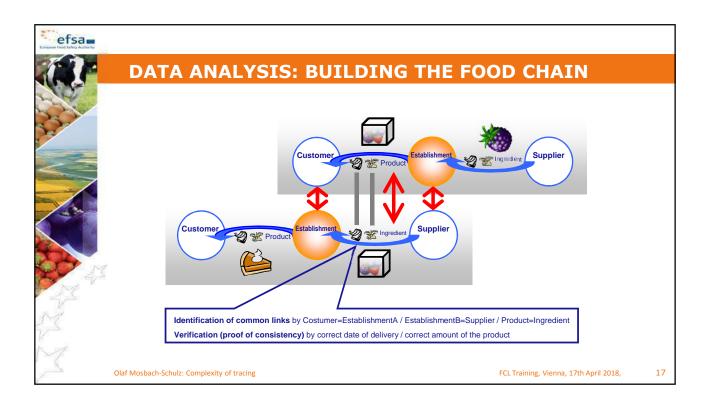
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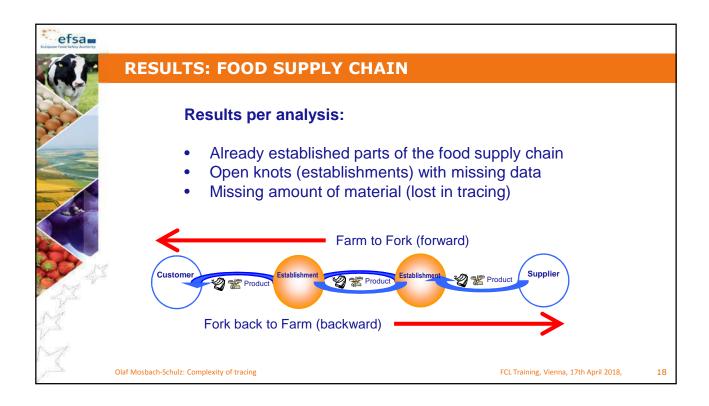
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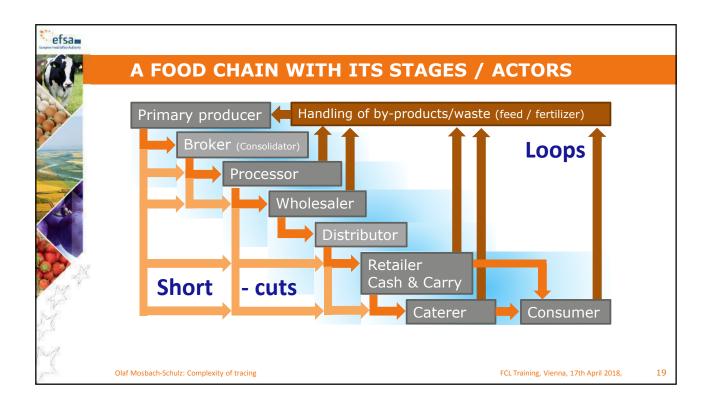
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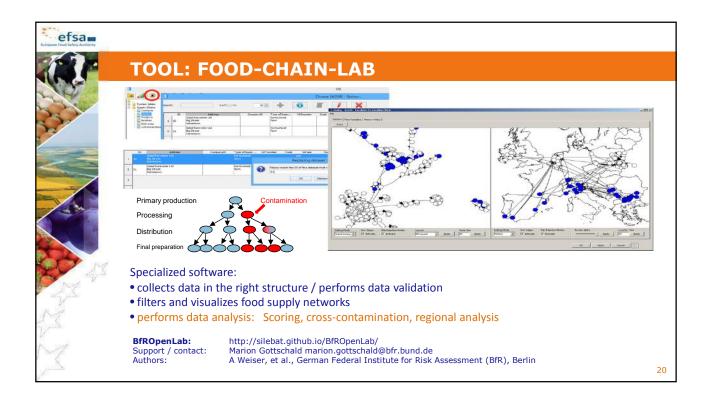


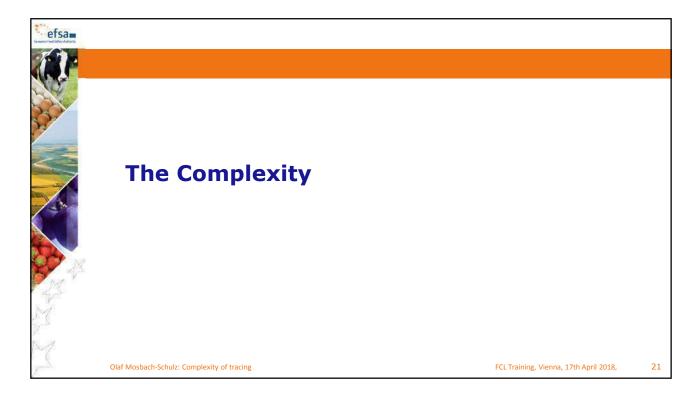


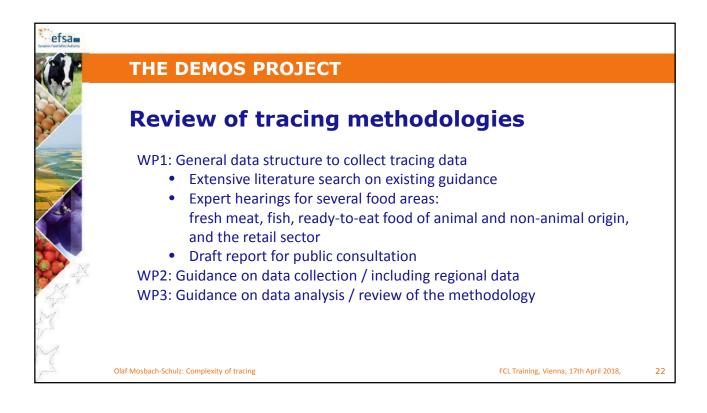


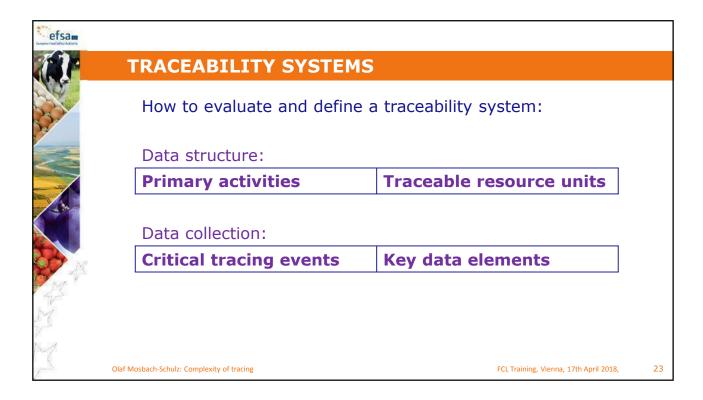


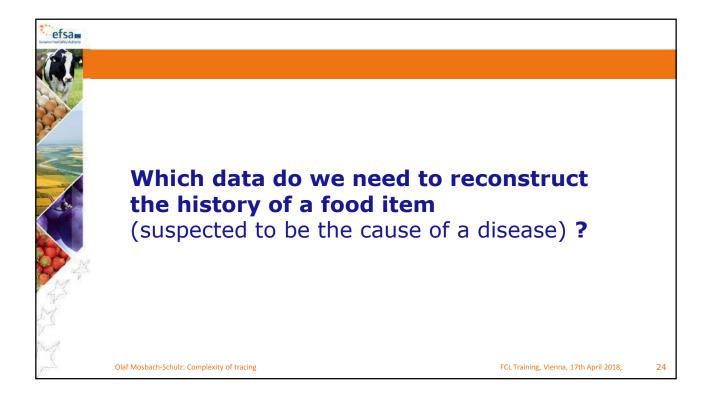


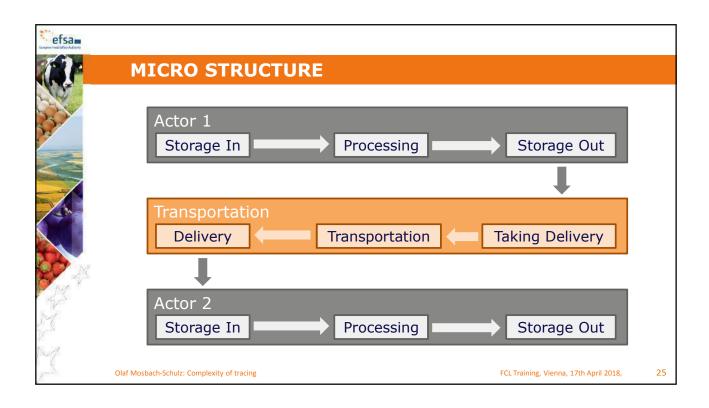


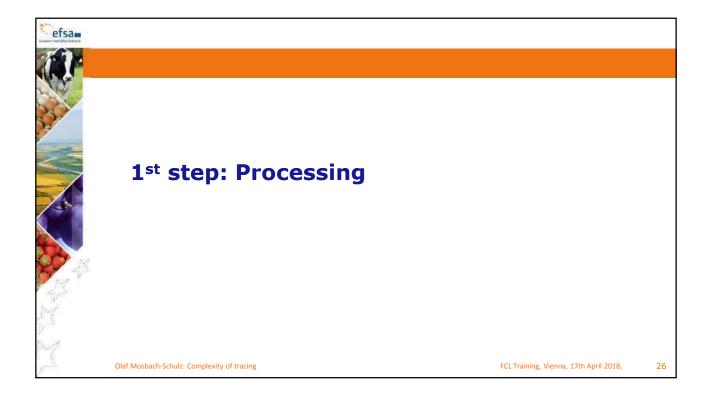


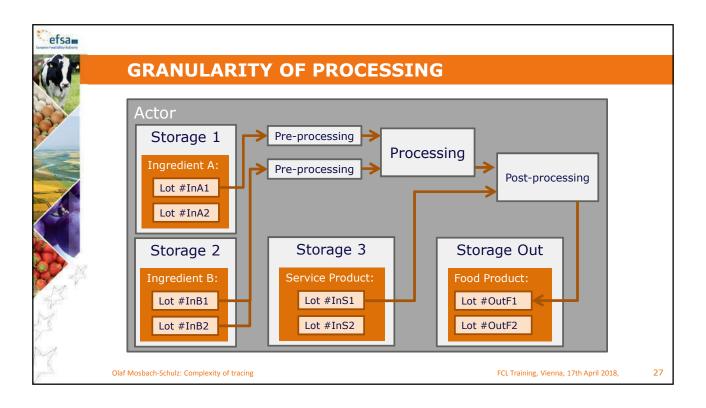


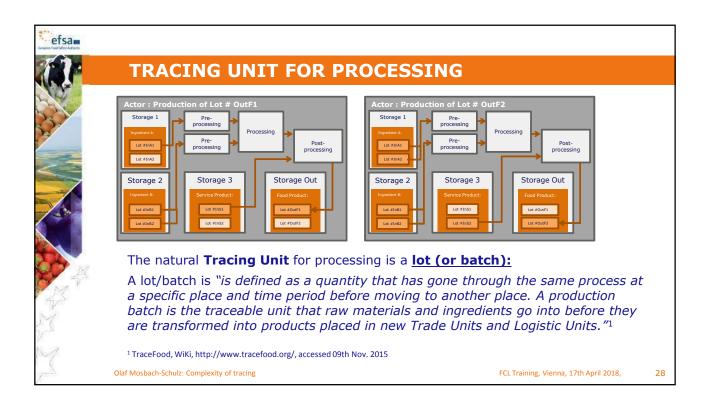














### **DEFINITIONS**

**'Product category'** identifies the general type of a food item. Food items of the same product category have usually same food safety characteristics.

**'Product'** identifies the kind of the food item in the usual terminology in the food chain (e.g. product type, brand, package size etc.). Food items with the same product name are usually exchangeable in the food chain.

**'Lot / batch'** identifies the production process in which the food item was produced. This includes the producer, the location and the date of production. Food items with the same product name and lot number were produced under equal conditions, e.g. equal ingredients, equal production line, equal time slot of production.

**'Consignment / trade unit'** identifies the single unit of a product which is not divided during transportation. Food items of the same product and consignment had the same provider and recipient in the food chain.

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### **PROCESSING**

Processing is any change of the product:

Name	Change
Preparation	New product / new lot (time)
Storage	New product characteristics / time

### **Processing at distribution:**

Trade	New contact (information owner)
Blending, repacking	Merged lots / new consignments
Dividing, splitting	Splitted locations / multiple consignments

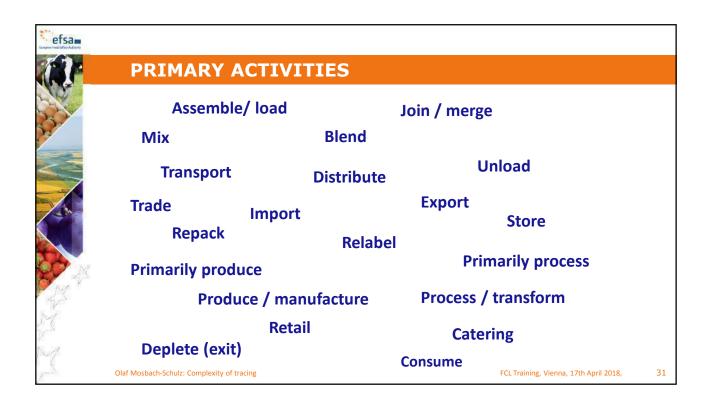
### Transport as processing:

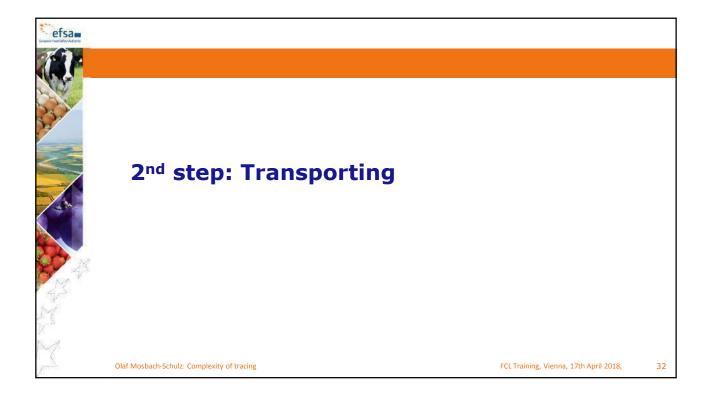
Transport New location (time)

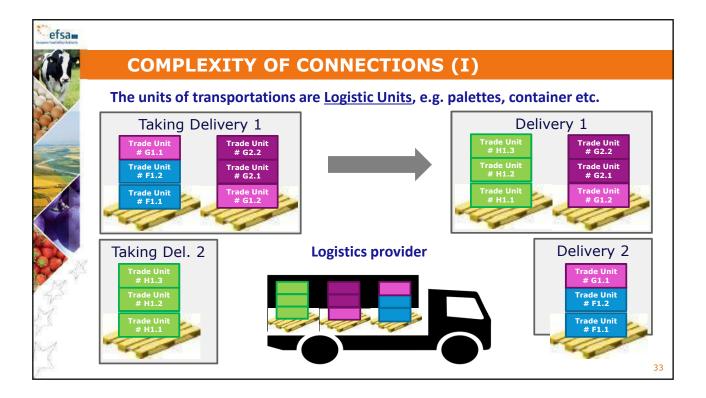
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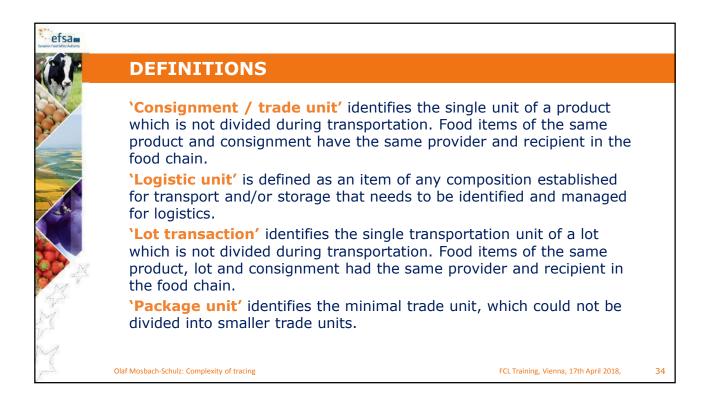
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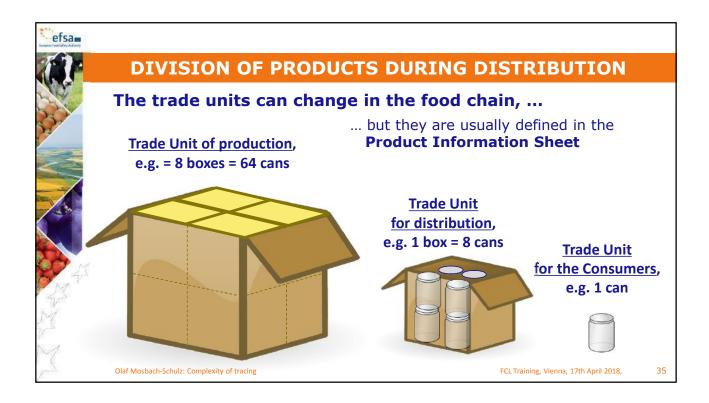
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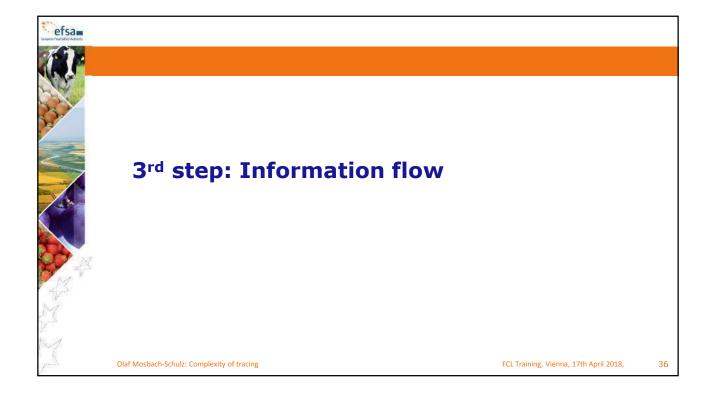


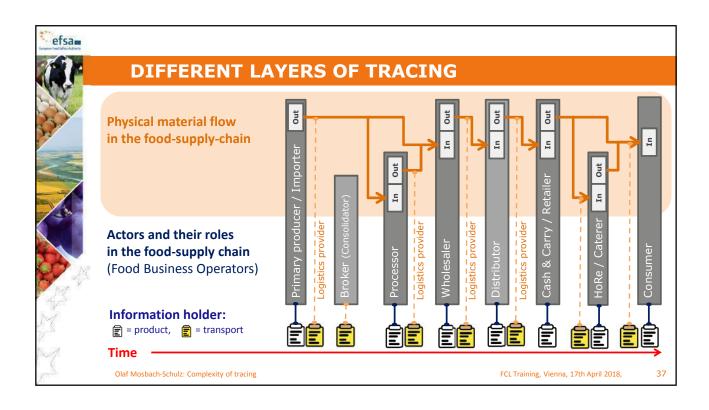


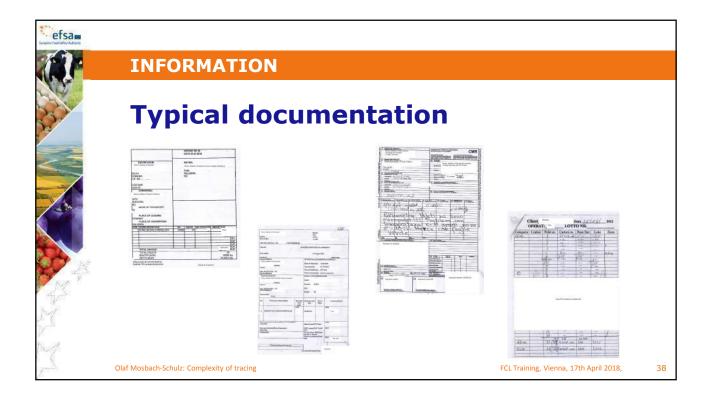














### **DEFINITIONS**

**'Information owner'** is a person or an entity, who generates or collates an information on a food item. This person is able to change or correct the information (and decides on confidentiality).

**'Information holder'** is a person or an entity, who has access to an information on a food item. This person is able to regularly retrieve the information.

**'Contact person'** is a person in a food business, who is contacted by food safety administrations in case of requests.

**'Food business operator'** means the natural or legal persons responsible for ensuring that the requirements of food law are met within the food business under their control (EC 178/2002).

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# **Granularity of tracing information**

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