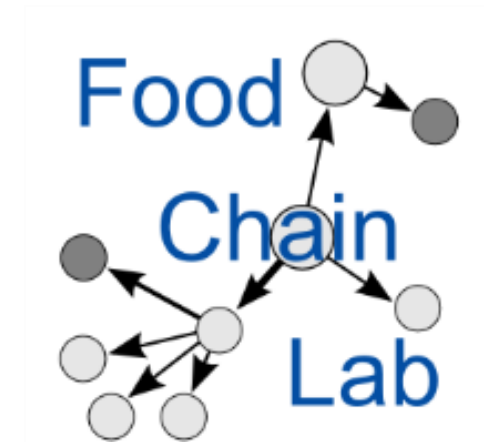
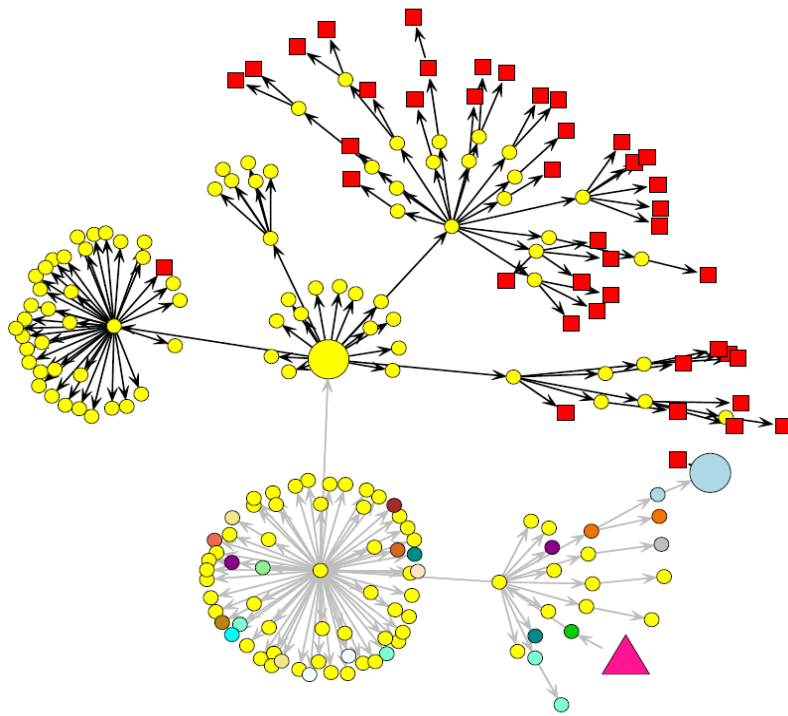


FoodChain-Lab Data Structures and Data Collection



**Armin Weiser, Christian Thöns, Alexander Falenski,
Matthias Filter, Annemarie Käsbohrer, Bernd Appel**

Agenda

Thursday, November 12, 2015

10:00–10:15 a.m.

Welcome

*Andreas Hensel,
Federal Institute for Risk Assessment (BfR)*

10:15–10:45 a.m.

**Foodborne Outbreaks Investigation:
Pressing Questions**

Bernd Appel, BfR

10:45–11:15 a.m.

**Introduction to FoodChain-Lab
Schematization and Visualization
of Food Chains**

Armin Weiser, BfR

11:15–12:00 p.m.

**Data Structures
Data Collection**

*Armin Weiser, BfR
Olaf Mosbach-Schulz, EFSA*

12:00–1:00 p.m. *Lunch Break*

1:00–2:00 p.m.

Live Demo

Armin Weiser, Christian Thöns, BfR

2:00–2:45 p.m.

**Practical Work with FoodChain-Lab:
Data Visualization and Running Simulations**

Christian Thöns, BfR

2:45–3:15 p.m. *Coffee Break*

3:15–3:45 p.m.

Hands-on Training

All

3:45–5:00 p.m.

Training on Data Collection

*Armin Weiser, BfR,
Olaf Mosbach-Schulz, EFSA*

Friday, November 13, 2015

9:00–10:30 a.m.

Scenario Session 1

*Alexander Falenski, Armin Weiser,
Christian Thöns, Katja Alt, BfR
Olaf Mosbach-Schulz, EFSA*

10:30–11:00 a.m. *Coffee Break*

11:00–12:15 p.m.

Scenario Session 2

*Alexander Falenski, Armin Weiser,
Christian Thöns, Katja Alt, BfR
Olaf Mosbach-Schulz, EFSA*

12:15–1:15 p.m. *Lunch Break*

1:15–1:45 p.m.

Advanced Steps:

Geocoding

Geographical Visualization

Regional Analysis

Christian Thöns, BfR

1:45–2:15 p.m.

Hands-on Training

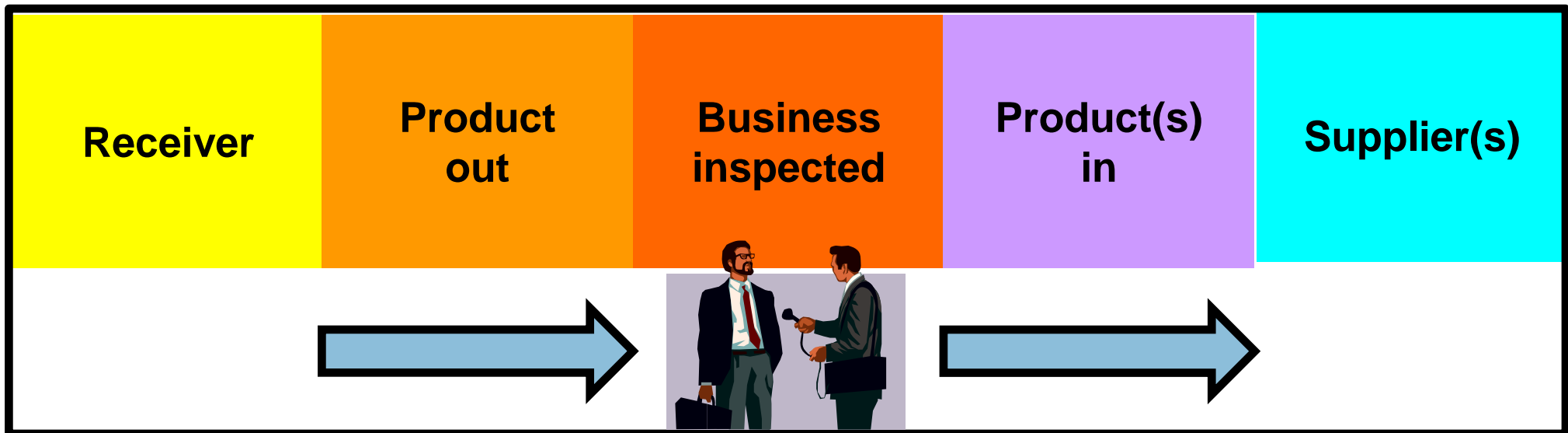
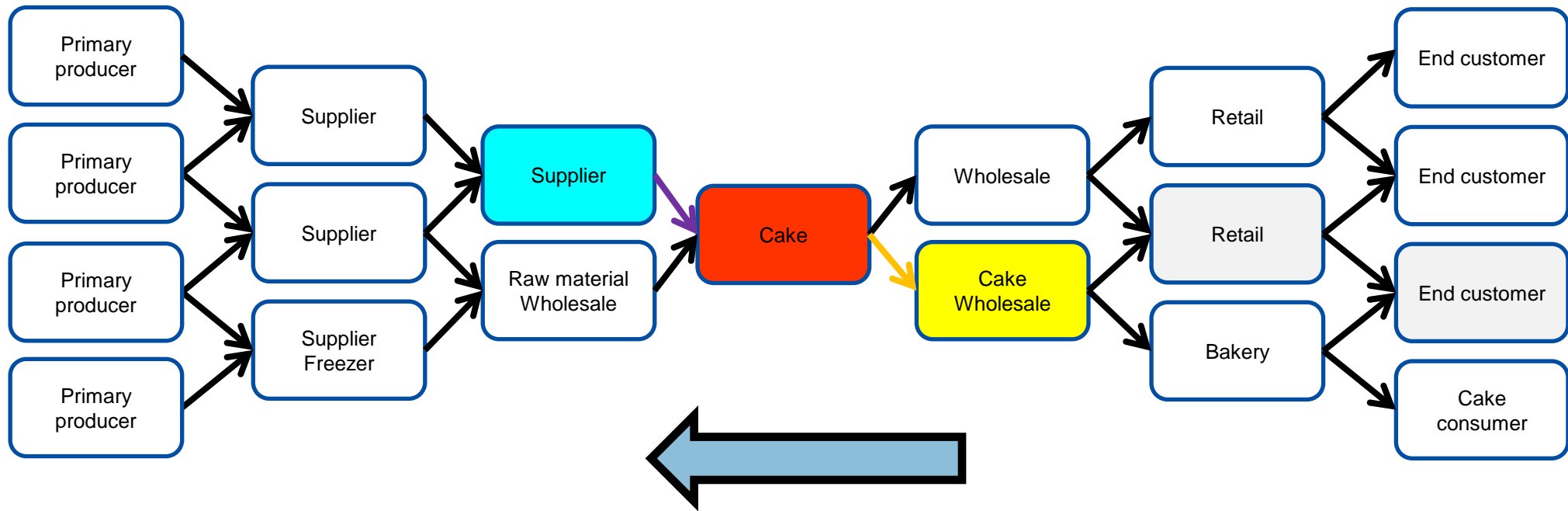
All

2:15–3:00 p.m.

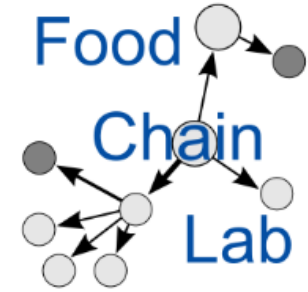
Outlook and Discussion

*Armin Weiser, Christian Thöns,
Bernd Appel, BfR
Olaf Mosbach-Schulz, EFSA*

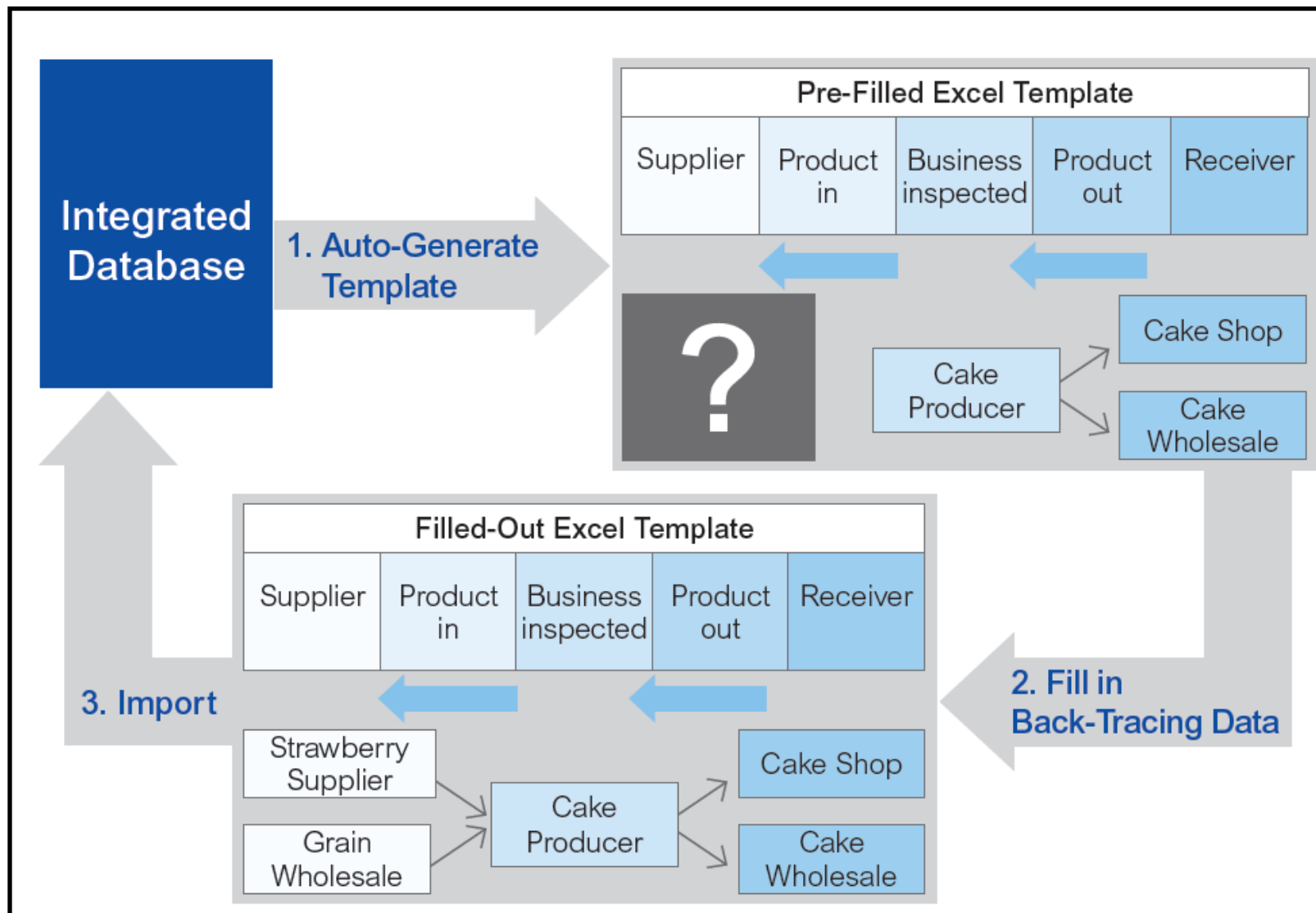
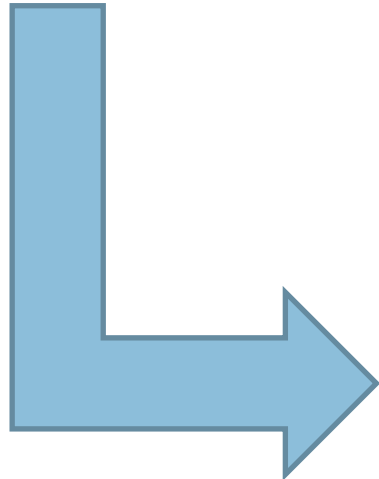
Difference between simple and real



Advised approach

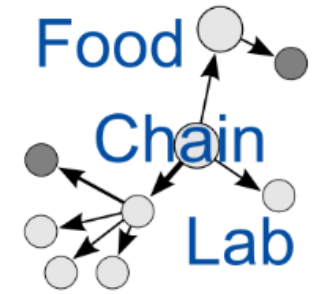


Start_Tracing.xls
(url)



Alternative – Simple approach

(e.g. no tracing data available)



Start_Tracing.xls



Data collection

Import

Start_Tracing.xls



Data collection

Import

Start_Tracing.xls

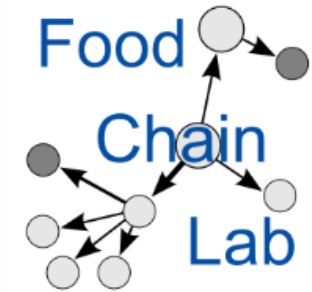


Data collection

Import

FoodChain-Lab

Data cleaning



SimSearch Options

Station: Name: 3 Zip: 1 Street: 3 Number: 1 City: 3 VATnumber: 0

Product: Station: 0 Denomination: 3 Item number: 0

Lot: Article: 0 LotNo: 1 BestBefore: 0 DateManufacturer: 0

Delivery: Lot: 0 DeliveryDate: 0 Recipient: 0

OK Cancel

| ID | Address | CompanyID | Type of busin... | VATnumber | Code | IsCase | Number Cases | A |
|------|---|-----------|-----------------------|-----------|------|--------|--------------|---|
| 1 30 | Salad harvester Ltd Big Street Hometown | | horticultural farm | | | yes | | |
| 2 31 | Salad harevster Ltd Big Street Hometown | | horticultural farm | | | yes | | |

Levenshtein distance

M A Y O N N A I S E
 = = = = = - = = = =
 M A Y O N A I S E

B I O M R A K T
 = = = = - - = =
 B I O M A R K T

E L E P H A N T
 = = = o - = = =
 E L E F A N T

Works well for finding typos