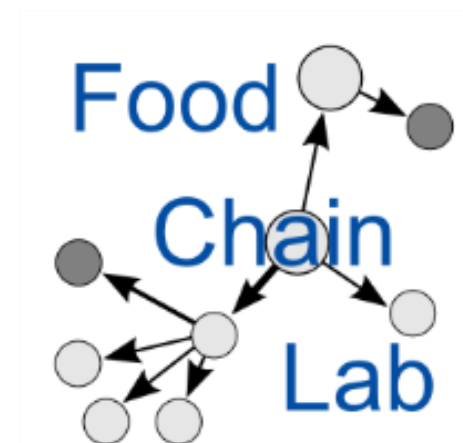
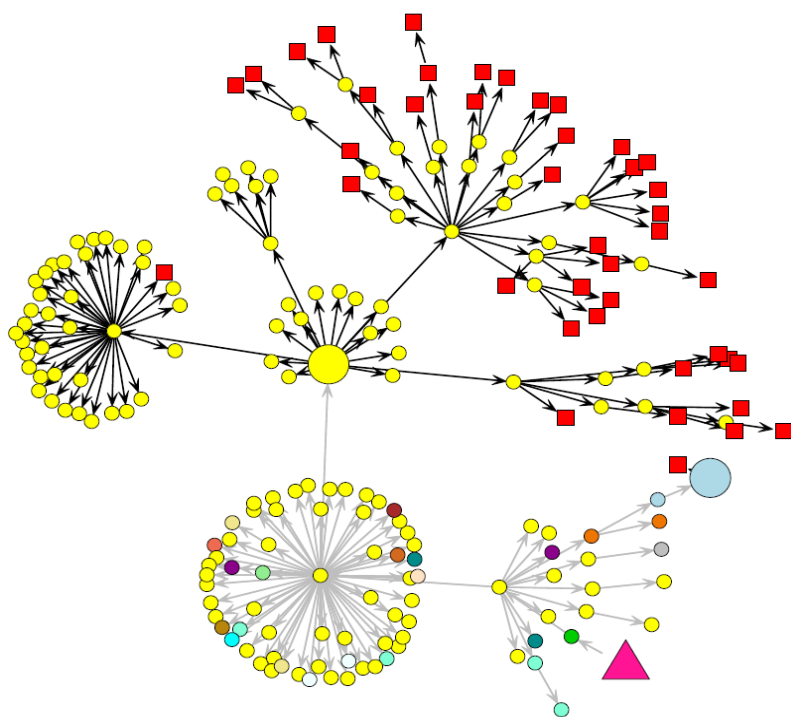


FoodChain-Lab - Outlook



**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

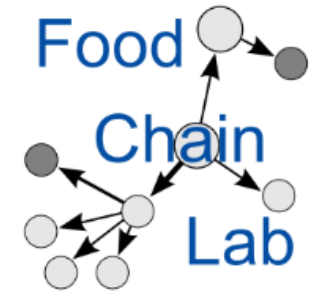
2:15–3:00 p.m.

Outlook and Discussion

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

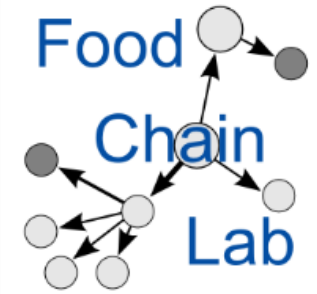
Aims of the Workshop

- FoodChain-Lab
 - Analysis & Visualisation
- Data Collection & Validation
 - Detection of errors
 - Exchange of experiences
 - Optimization
- Perspectives of FoodChain-Lab and Tracing in general
- Redistribution of FCL
- Application of FCL on historical and new outbreaks
(autonomously or at first supported by BfR/EFSA)
- Future contact points



- Automation
 - Simulations for various parameters
- Integration
 - Further tools: FoodProcess-Lab, Pmm-Lab, ...
 - Further data: Sample analysis data from laboratories, ...
- Simplification
 - Data collection
 - Handling
- Other
 - Improved Layouts
 - New Retrospective features
 - Support, bug fixes, documentation
 - ...

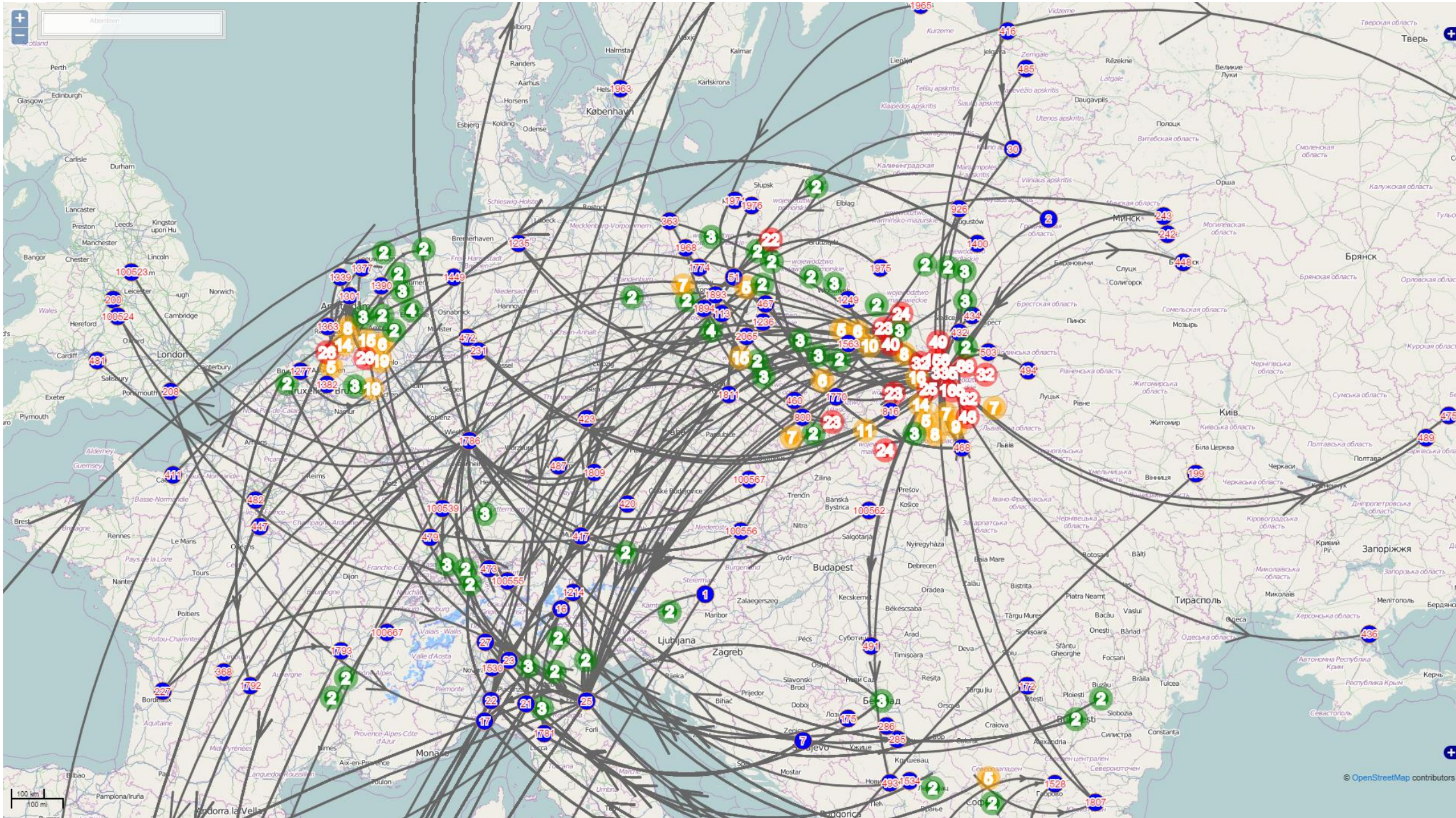
Outlook Strategy



- Special enhancements on data gathering
 - Centralizing / Cloud service (but still usable for decentral units (german länder))
 - Direct on-site data gathering, e.g. via Tablet/Phone
 - Establish data exchange formats between authority -> authority and business -> authority
- Do we need a “Rapid Deployment Team”?
- Other application areas?
- What do **you** want or need?
- Open Source, anybody can join and is welcome for
 - Coding, testing, feature requesting, detecting new application areas, cooperation, data exchange, ...

FoodChain-Lab - Outlook

Visualisation and Interactivity in Web Services



FoodChain-Lab - Outlook

Web Service for Data Input

FoodChainLab Map x

foodrisklabs.bfr.bund.de/tracing

Christian

Bundesinstitut für gesundheitlichen Verbraucherschutz und Veterinärmedizin
MarktEber
Potsdam
Bundesinstitut für Risikobewertung (Marienfelde)
Teltow
Stahnsdorf
Werder (Havel)
Flugplatz Pötzin
A 10
A 103
A 100
A 113
A 115
Berlin
Erkner
Fürsterwalde/Spree
Sonderlandeplatz Friedersdorf
Storkow (Mark)
Märkisch Buchholz
© OpenStreetMap contributors

Bundesinstitut für Risikobewertung (Marienfelde)

Name: Bundesinstitut für Risi...
Street: Diedersdorfer Str
Zip Code:
Post Office Box:
Country: Germany

Vat Number: vat1
House Number:
City:
County: Berlin

RESET SAVE

Item Number	Denomination	Processing	Intended Use
Salmonella			
Lot Number	Amount	Unit	Best Bef... Best Bef... Best Bef... Producti... Producti... Producti...
▶	2 kg		
Add new lot Collapse all Group similar			
Campylobacter			
Add new product Collapse all Group similar			

FoodRiskLabs



FoodChain-Lab

Predictive Microbial
Modeling Lab (PMM-Lab)

FoodProcess-Lab

Open Food Safety Model
Repository

Events

Contact

Disclaimer

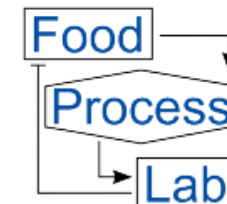
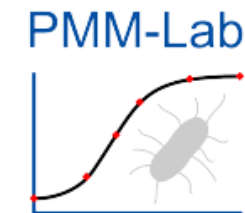
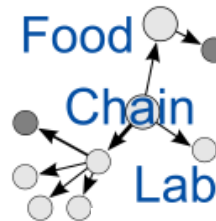
FoodRisk-Labs



FoodRisk-Labs is a portal

to the following tools

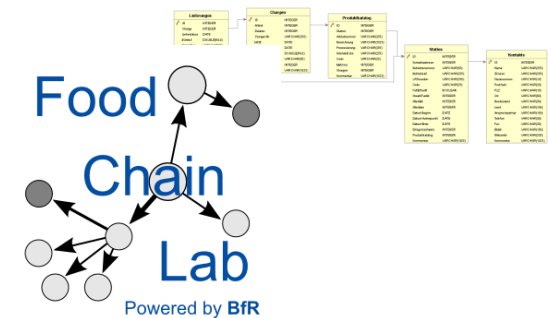
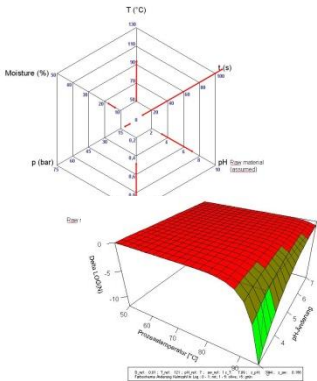
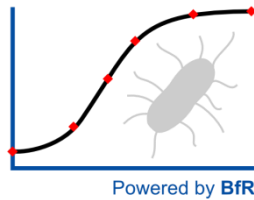
developed by the Federal Institute for Risk Assessment (BfR):



open
FSMR

Ausgangslage:
Open Source Analyse- und Modellierungs-“Werkzeuge“

PMM-Lab



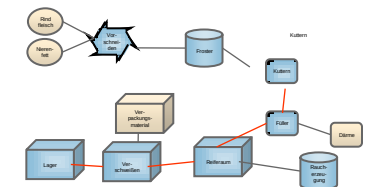
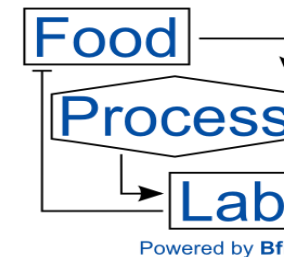
Wachstum- /
Inaktivierungs-
Modellierung

Daten-
analyse &
Visualisierung

DB

räumlich- /
zeitliche
Ausbreitungs-
Modelle

Prozess-
Modellierung &
Simulation



<http://foodrisklabs.bfr.bund.de>



Thank you for your attention

Armin Weiser

<http://foodrisklabs.bfr.bund.de>

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