



FoodChain Lab Training, Luxembourg, 21st January 2020
15:30 – 16:00

EFSA perspectives on the European vision of tracing

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European Food Safety Authority (EFSA)
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Trusted science for safe food



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Disclaimer

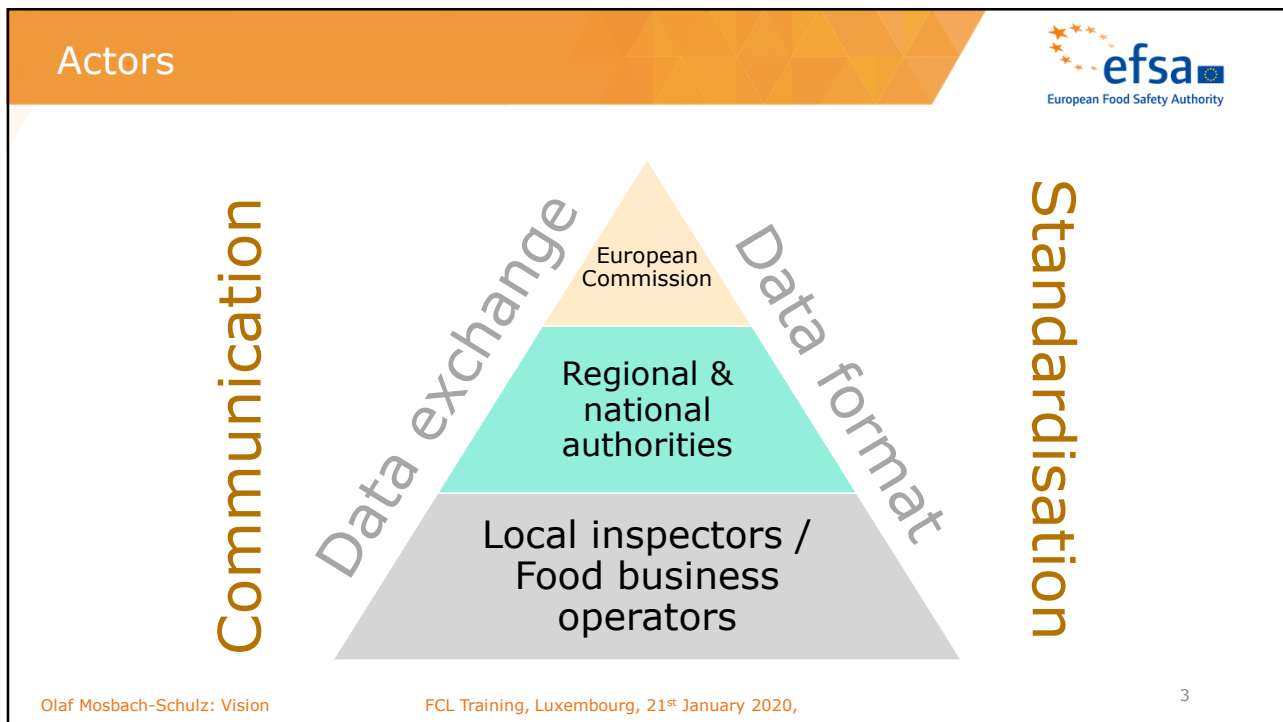


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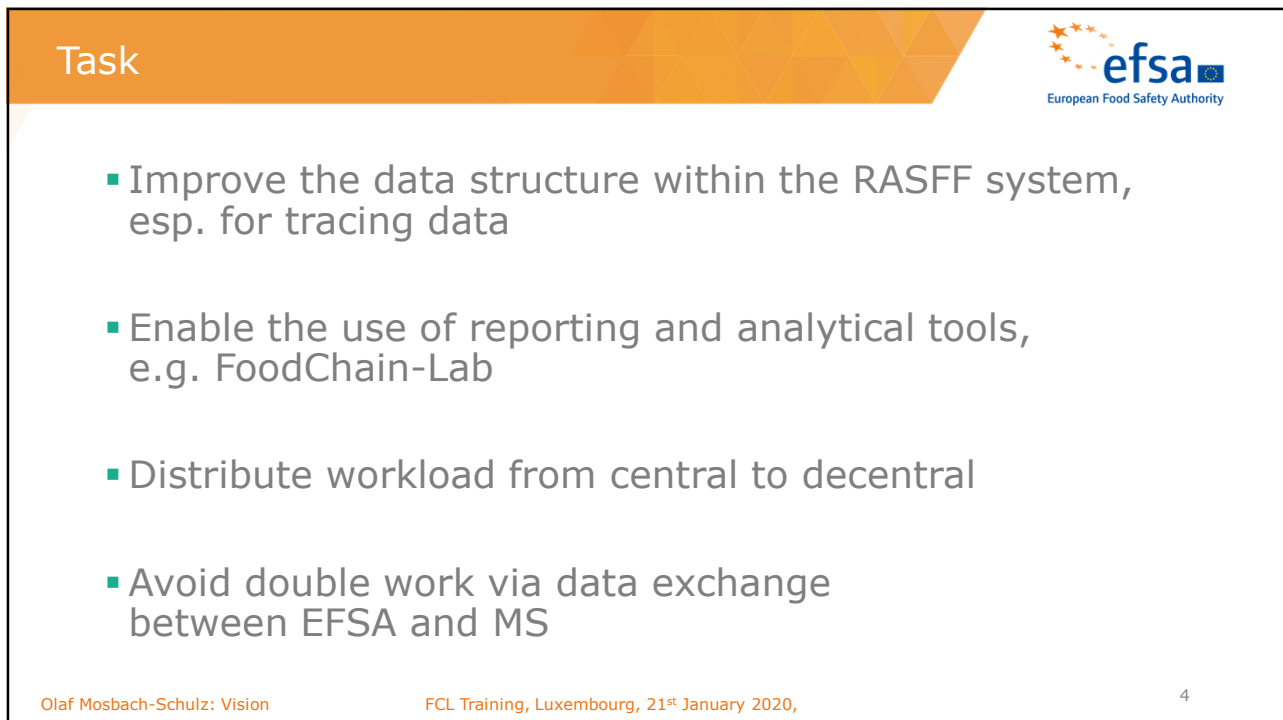
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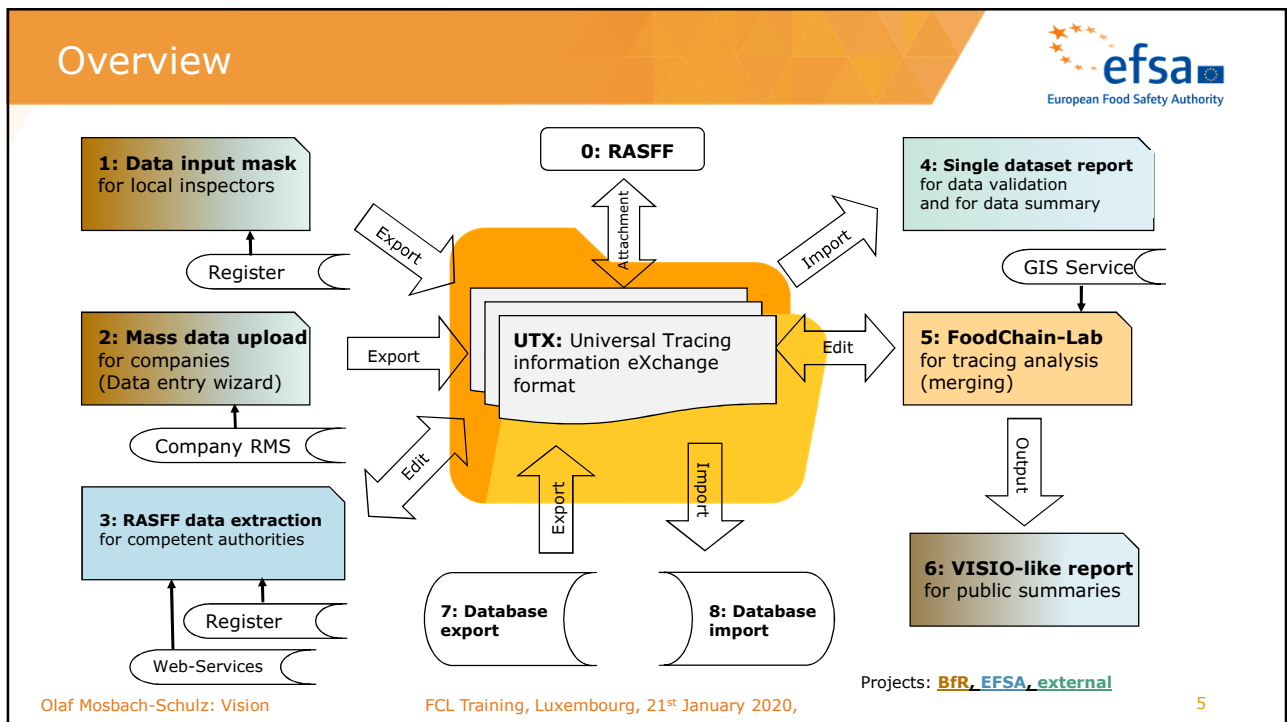
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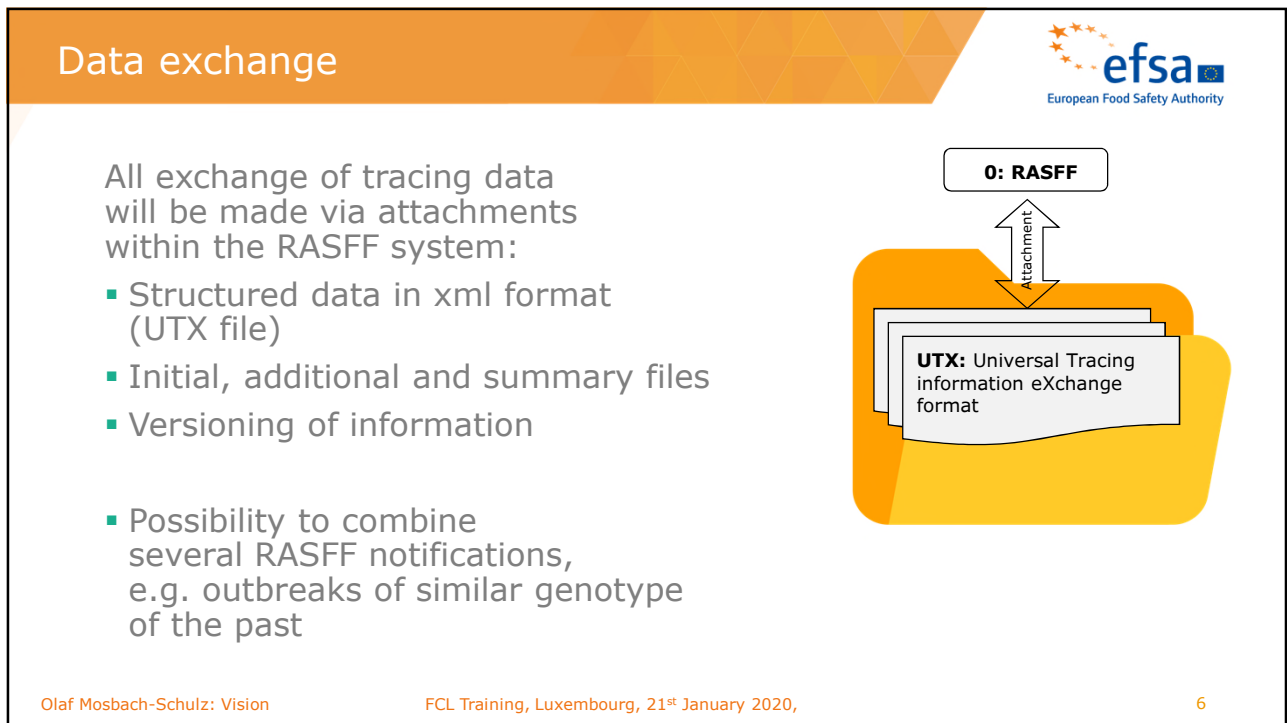
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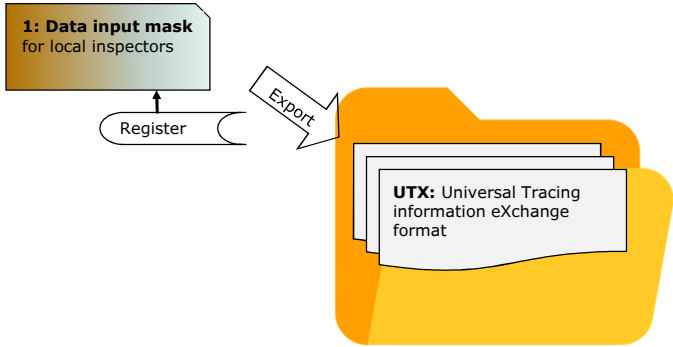
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Data input of local inspectors



Local inspectors will collect the data directly in the standardized format:


- Web-based guided input mask with supporting functions, e.g. addresses, register etc.
- Output in standardized, machine readable UTX format
- Pilot project with German region of North Rhine Westphalia



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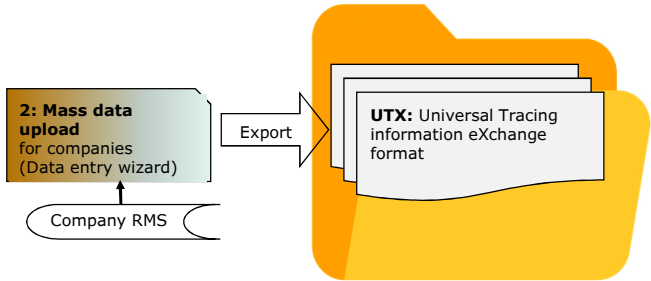
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Conversion of "EXCEL"-files etc.



If the company provides listed information (e.g. EXCEL), a web-based wizard will convert the information into the standardized UTX format:


- Guided interpretation of the listed information

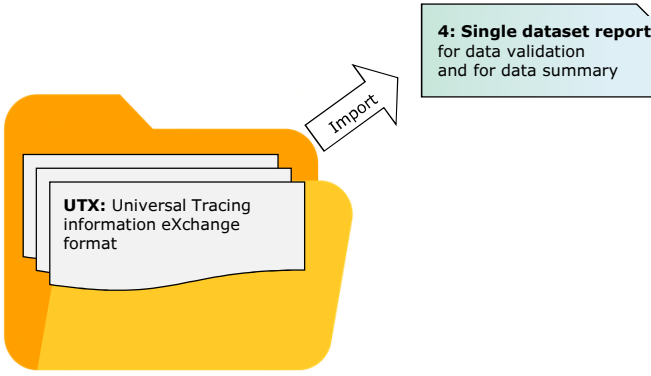


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Simple standardised reporting





4: Single dataset report
 for data validation
 and for data summary


All information of a standardized UTX file will be reported in pdf format:

- Data check of collected information
- Summary of merged files
- Possibility of specialized reporting of measurements, mass balancing etc.

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Conversion of RASFF notifications



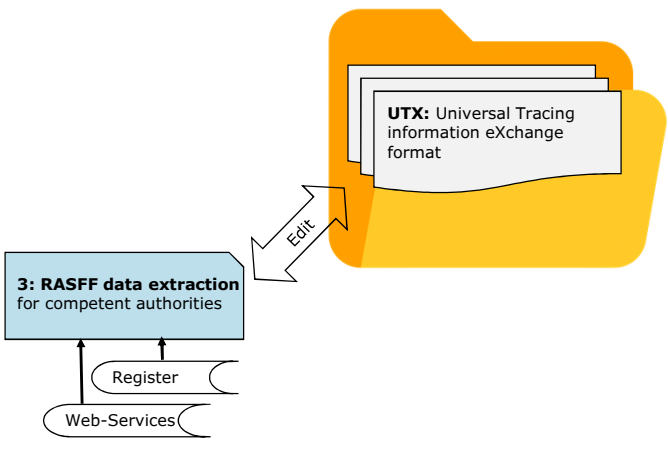
Information of unstructured RASFF notification will be converted to structured UTX files:

- Web-based, guided data extraction
- Output in standardized machine readable UTX file

3: RASFF data extraction
 for competent authorities

Register


Web-Services



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Merging and data cleaning

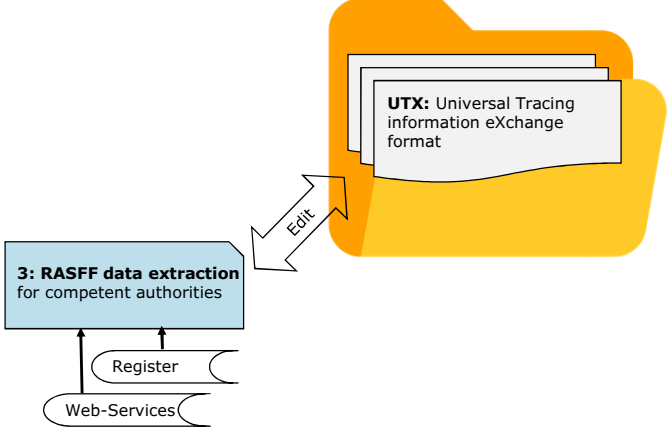


Several standardized UTX files will be merged respecting:

- Consistency check
- Versioning
- Data cleaning, e.g. double entries

This allows distributed workload.


Beta version at EFSA

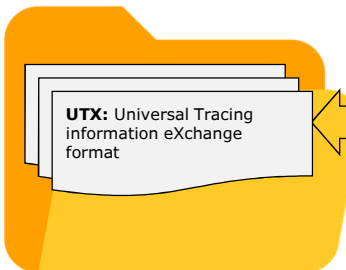


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Tracing analysis





5: FoodChain-Lab
for tracing analysis (merging)

Several standardized UTX files can be read into FCLs web-app allowing:


- Graphical output
- Tracing analysis, e.g. scoring
- Merging of stations, deliveries etc.
- Additional data cleaning

Results will be stored in UTX format

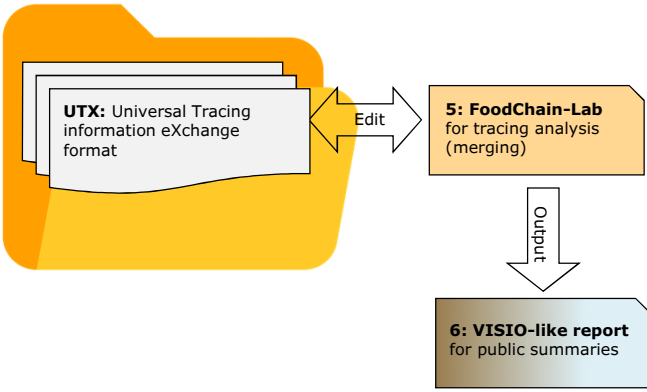
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Graphical reporting



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            graph TD
            A[UTX: Universal Tracing information eXchange format] -- Edit --> B[5: FoodChain-Lab for tracing analysis (merging)]
            B -- Output --> C[6: VISIO-like report for public summaries]
            
```


FoodChain-Lab analysis can be printed for publications:

- In complete version
- In anonymized version
- In graphical and pdf format

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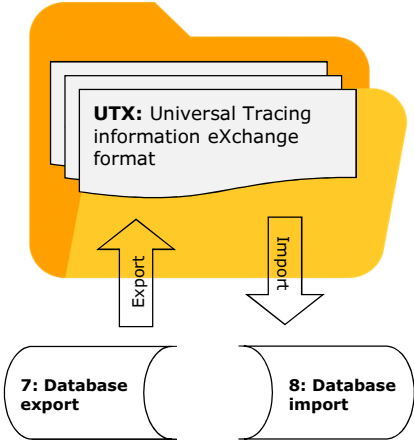
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Use in structured databases



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- File in the UTX format may be directly produced from RME systems of FBOs
- Databases of MS or regions may be read directly UTX files for their workflows



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            graph TD
            A[UTX: Universal Tracing information eXchange format] -- Export --> B[7: Database export]
            C[8: Database import] -- Import --> A
            
```

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Next steps

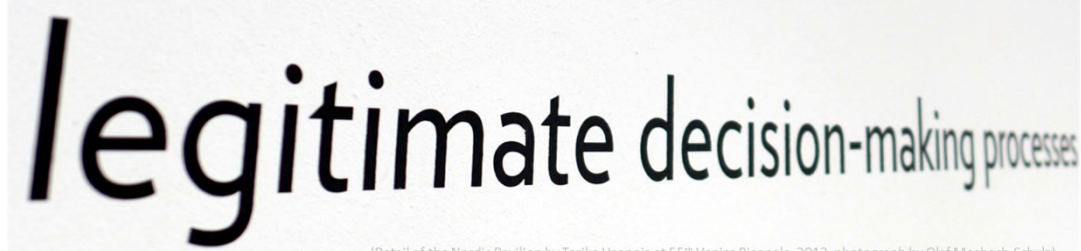


New EFSA projects planned from 2020 on:

- Definition of the UTX file standards in 1st half 2020
- Web-based data extraction tool for RASFF notifications in 2020
- Reporting tools in 2020

- Steering group involving active MS in 2020
- Workshop with MS feedback in 1st half 2021

Thank you for your attention



(Detail of the Nordic Pavilion by Terike Haapoja at 55th Venice Biennale, 2013, photograph by Olaf Mosbach-Schulz)

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