

# Scientific Network for Zoonoses Monitoring Data

## Minutes of the 6<sup>th</sup> specific meeting on IT data reporting

**Held on 10-11 December 2015, Parma  
(Agreed on 18 December 2015)**

### Participants

■ **Network Representatives of Member States (including EFTA Countries):**

Country	Name
Austria	Georg Nossek
Belgium	Stijn Saevels
Bulgaria	Emil Simeonov
Croatia	Dražen Kneževic
Czech Republic	Petr Hedbavny
Cyprus	Tassos Pericleous
Estonia	Jelena Sõgel
Finland	Mikko Tuominen
Germany	Matthias Hartung
Greece	Maria Alexandraki
Hungary	Anna Luca Vecsei
Ireland	Eileen O'Dea
Italy	Veronica Cibin
Italy	Daniela Cioci
Latvia	Vidvus Sils
Lithuania	Snieguole Scepdonaviciene
Netherlands	Rob Theelen
Norway	Berit Tafjord Heier
Poland	Marek Kukier
Poland	Jozef Brudnowski
Romania	Ioana Neghirla
Romania	Paul Stanciu
Romania	Iuliana Pinciu
Slovakia	Juraj Pikulík
Slovenia	Metka Prvinsek
Slovenia	Marjana Drobnič
Spain	Alexander Benjamin Baranya Rodriguez
Spain	Viriano Merino Baena
Spain	Paloma Gonzalez Lopez
Sweden	Martin Bergstrom

Switzerland	Silke Bruhn
United Kingdom	Peter Sewell

■ **Hearing Experts**

NA

■ **European Commission:**

NA

■ **EFSA:**

Evidence Management (DATA) Unit: Stefano Cappé (Chair), Anca Stoicescu (Scientific secretary), Francesca Riolo\*, Alessandro Carletti\*, Mario Monguidi\*, Davide Gibin\*, Valentina Bocca\* and Luca Pasinato\*.

Biological Hazards and Contaminants (BIOCONTAM) Unit: Yves Van der Stede\*.

(\*attended part of the meeting)

**1. Welcome and apologies for absence**

The Chair welcomed the participants to the 6<sup>th</sup> specific meeting on IT data reporting of the Scientific Network for Zoonoses Monitoring Data. Apologies were received from the representatives of Denmark, France, Iceland, Luxembourg, Malta and Portugal.

**2. Adoption of agenda**

The agenda was adopted without changes. No additional items were added. Stefano Cappé presented a general overview of the current zoonoses data collection and the future steps.

**3. Topics for discussion(first day)**

**3.1. Output for SSD2 Standard Sample Description version 2 (SSD2) pilot**

Alessandro Carletti provided an update on the output for the SSD2 pilot regarding the testing and implementation of SSD2 for prevalence and antimicrobial data. He presented an overview of the project's objectives, tasks and timeline. A summary of the data received from project participants was provided as well as an overview of the most commonly reported errors in data transmission to the Data Collection Framework (DCF). A preliminary comparison of data reported in SSD2 with data reported in existing data models was presented and some final conclusions about project outcomes were formulated.

**3.2. How to report in SSD2, mapping guidance**

Anca Stoicescu presented the mapping of the data elements which are currently in the antimicrobial isolate-based data model against the SSD2 data elements and attributes. The new data elements were highlighted.

Francesca Riolo presented the submission of prevalence data using the SSD2 data model. The list of mandatory and dependent data elements based on the specific requirements for prevalence data submission was also presented. Examples on how to report *Campylobacter*, *Listeria* and Histamine data using SSD2 were illustrated and discussed.

### **3.3. Tour de table on SSD2 next steps, Member State perspective**

The Network members noted that the mapping of the matrix catalogue from the zoonoses data collection to FoodEx is a long and costly process. EFSA explained that the mapping between the terms from the zoonoses matrix catalogue to FoodEx will be provided by EFSA; moreover, Member States (MSs) can still use in SSD2 the codes available in the zoonoses catalogues. EFSA advised that starting from 2017 with 2016 data EFSA will be ready to receive prevalence data in SSD2.

### **3.4. Guidance on Data Exchange version 2 and new data acceptance workflow for data transmission to EFSA**

Mario Monguidi updated the Network on the new workflow for data transmission to EFSA. EFSA's DCF has been updated in order to adhere to the Guidance on Data Exchange version 2 (GDE2). A new workflow for data submission was implemented and related functionalities are available for data providers both as web services and through the DCF web interface. The system is also integrated with the EFSA scientific Data Warehouse (DWH) enabling data providers to access validation reports in Microstrategy and to provide feedback on aggregated data.

### **3.5. Discussion on the data acceptance workflow that will be implemented from next reporting period**

No points were raised.

### **3.6. Web services on data reporting and EFSA standard terminologies download, background and practical example of data interaction**

Davide Gibin presented the Guidance on Data Exchange version 2(GDE2) web services related to data reporting and EFSA standard terminologies (also called 'catalogues'). New functionalities of the catalogue management system were presented, as support for domains and attributes. He showed in detail the PARAM catalogue and outputs of a negotiated procedure contract regarding catalogue update for Salmonella and other microorganisms. He also explained the operational steps that can be executed using web service to upload a dataset to the DCF, retrieve information about a dataset's status and how to download catalogues. Some operations were shown as part of a live demonstration such as how to retrieve an acknowledgement message for a dataset and how to download an entire catalogue.

EFSA explained that the username and password which are used to access the DCF are also valid to perform web services' calls.

### **3.7. Guidance on Data Exchange version 2 standard validation rules engine, EFSA implementation and zoonoses case**

Valentina Bocca presented the validation rules process in the GDE2. She explained the new syntax of business rules and showed how the new engine works. A live demonstration on how to upload data in the workflow of the GDE2 and how to retrieve error messages and error details was also performed.

MSs asked how to find errors in their uploaded datasets. EFSA will modify the error message details in order to show the unique record ID allowing MSs to identify the errors in the datasets uploaded.

## 4. Topics for discussion (second day)

### 4.1. Area of improvement/innovation from data management/IT perspective, breakout group discussion

Stefano Cappé presented the main issues of the zoonoses data collection which have an impact on data quality. Network members were asked to propose ways to tackle the issues identified.

Following this, six breakout group discussions were arranged for a brainstorming session. Each breakout group addressed the question: 'How can we improve the quality of the data submitted to EFSA? e.g. how to ensure that the data are valid, consistent, accurate, complete and delivered to EFSA on-time?'.

Some very useful feedback and views were collected which EFSA will consider. Stefano presented the outcome of the breakout discussion groups; for each of the proposed areas for improvement, volunteers were requested to follow up the implementation of proposals. The focussed areas identified were as follows:

1. Better training and certification
2. Stable data standards
3. Reporting guidelines and example datasets
4. Support for IT tools to validate data close to data providers
5. Show benefits of having quality data
6. Support data quality at national level

### 4.2. Zoonoses data warehouse

Luca Pasinato provided an update on the activities related to the DWH project and the available dashboards and reports. The documents, reports, Excel and PDF features were presented. A live presentation was performed to show the future developments that will be implemented in the tool, such as for advanced reporting, advanced analytics and the Microsoft Office Plugin. DWH data access rules were described as well as reports showing the reporting status for the data collections.

### 4.3. Discussion and next steps for DWH (e.g. training needs, specific tutorials)

Stefano Cappé explained that the training that will be provided by EFSA to the reporting countries during January-March will cover also Microstrategy.

## 5. Any other business

### 5.1. Dates for next meeting

The next Scientific Network for Zoonoses Monitoring Data Specific Meeting on IT Data Reporting will be scheduled in the first trimester of 2017. No specific meeting of this group is envisaged in 2016.

## 6. Conclusions

The Chair requested the Network participants to complete the evaluation form and to submit ideas for further discussion points at the future Network meetings.

## 7. Closure of the Network meeting

The Chair thanked the Network members for an intensive and productive meeting, which was closed at 13:00, as foreseen in the agenda.