One Health EJP
End Symposium COHESIVE
Hybrid meeting: virtual & live in Bilthoven, The Netherlands

8 - 10TH NOVEMBER 2021

COHESIVE stands for One Health Structures in Europe and aims at strengthening/improving (structured) collaboration between the human, veterinary, food and environmental domain in the area of signalling, risk assessment and control of (emerging) zoonoses in and between European Member States including IT solutions to share information in databases and support tracing of (foodborne) outbreaks.

In this symposium we would like to share the results of the project by giving presentations, but also giving you more insight in the possibilities of the products in interactive workshops.

Draft program
CET
Monday: Sharing signals and information

09.00-09.30   Coffee and registration
09.30-09.45   Welcome
09.45-10.30   Introduction to COHESIVE
10.30-11.00   COHESIVE Information system WP4 (Adriano Di Pasquale, IZS-AM)
The aim was to develop a prototype information system at the national level allowing public health and veterinarian organisations to test interoperability of their WGS data archives.
Three feasibility studies have been carried out on Italy, The Netherlands and Norway.

11.00-11.30   Break

11.30-12.30   COHESIVE Information system WP4 (demonstration, also online)
Demonstration of the Italian version of the COHESIVE prototype information system.

12.30-13.30   Lunch

13.30-14.00   Low threshold sharing of signals cross countries WP3 (Elina Lahti, SVA)
Signals often are shared between countries within their own sector, but not across sectors. We are setting up meetings to accommodate low threshold sharing of information cross countries. A spin off was a workshop on B. canis.

14.00-14.30   Drivers of One Health by horizon scanning WP3 (Rickard Knutsson, SVA)
Horizon scanning is a foresight methodology that can be used for identifying threats, challenges and drivers within One Health. A literature review of the available tools was conducted as well as two exercises to assess future challenges.

14.30-14.45   Break

14.45-15.30   Guidelines OH Risk analysis systems WP2 (Kitty Maassen, RIVM)
The goal was to develop guidelines to support countries in setting up or strengthen the collaboration in the area of risk analysis (signalling, risk assessment and risk management) of zoonoses. The why, the how and the what of this development will be shared.

15.30-17.00   Guidelines OH Risk analysis systems WP2 (workshop, also online)
During this workshop, we will focus on the implementation process, which is defined in 5 steps. A computer is needed.

~19.00   Dinner together (Bilthoven)

Tuesday: Response and barriers in One Health collaboration
09.00-09.45   Formal and informal signalling pathways WP3 (Maria Nöremark, SVA)
Sharing early signals of a potential outbreak can contribute to control of the outbreak and minimize the consequences, and sharing information between sectors (animal health, food safety, public health) is often necessary. In this study, factors facilitating signal sharing as well as barriers for sharing information were identified, both on national and international level. Data was collected through in-depth interviews with experts working with animal health, food safety or public health in six different countries.

09.45-09.55   Break

09.55-10.45   Barriers in One Health collaboration WP2 (workshop, also online)
In the process of discussing on implementing a One Health risk analysis system (OHRAS), we also discussed what hampers One Health collaboration. Out of the many identified barriers 4 were selected to be addressed in the guidelines for setting up a OHRAS, gaining political will, trust, sharing information and communication. We like to reflect with you on those and other barriers during the workshop.

10.45-11.15   Break

11.15-12.00   Experiences of systems thinking workshops WP2 (Cecilia Wolff)
Step 3 of the implementation process of setting up a risk analysis system for zoonoses, is mapping the current system. Experiences of a live workshop in Norway and a virtual workshop will be shared.

12.00-13.00   Lunch

13.00-14.00   Decision support tool to assist risk assessors WP2 (workshop, also online)
Risk analysis is varied, and it is often challenging to settle on an approach that suits the constraints of your situation. Here, we present a decision-support tool to help with this. It is built to guide users towards their most appropriate risk assessment method using a decision-tree of questions; we hope to demonstrate this interactively.

14.00-14.10   Break

14.10-15.30   FoodChain-Lab Web: An integrative modular software to visualise and analyse complex global food supply chain networks during foodborne incidents WP4 (workshop, also online)
The workshop contains a lecture and an interactive live-demo of FCL Web. For this, participants need to bring their laptops with Firefox or Chrome as browser. There will also be a short presentation on the NOVA likelihood tool which is currently being integrated into FCL Web.

15.30-16.15   Steering group meeting (WP and task leaders COHESIVE only)

16.30-   Social program and dinner (around Utrecht)

Wednesday: Looking into the future

09.00-09.30   Retrospective analysis of Q fever by systems mapping WP3 (Rob Dewar, APHA)
Understanding a public information system is particularly challenging when a disease is not notifiable or reportable. Here we outline two systems mapping approaches for visualizing public information systems and surveillance/reporting pathways when a disease is not reportable or notifiable. We present some findings from this exercise.

09.30-10.00   Systematic cost-benefit analysis WP3 (Rob Dewar, APHA)
Economic analyses for foodborne diseases are varied. Their methodologies, terminologies, and outputs are sometimes inconsistent or confusing to the people analyzing or conducting them. A systematic review of these economic analyses attempts to deconvolute the subject, showcasing and explaining the similarities and differences between the range of methods applied.

10.00-10.10   Break

10.10-11.30   Quantitative stochastic risk assessment with the "shinyRrisk" app (Demonstration) (Robert Opitz, BfR)
The app "shinyRrisk" is intended to simplify the process of creating, documenting, evaluating, and analysing a model for stochastic quantitative risk assessment. It is the goal to make this process more clearer and more transparent, but it also tries to standardise this process. Great importance is attached to simple usability and complete transparent description of the model. The aim is to make the assessment model and its results available to all stakeholders in the assessment process in a well-documented and easily readable form. The app can also automatically generate a report of the model. In the first part, it is intended to demonstrate the app. But, we also want to show future developments.

11.30-12.30 Quantitative stochastic risk assessment with the "shinyRrisk" app (hands on workshop in Bilthoven) (Robert Opitz, BfR)
In this part we will deepen the introduction of shinyRrisk by going through the risk assessment process with concrete examples. We invite everyone to bring their own models that we could use as a case study for a stochastic quantitative risk assessment process.

12.30-13.30   Lunch

13.30-14.30   What is next?
14.30-15.00   Wrap-up, feedback and closure open part of the symposium

15.00-15.30   Break

15.30-16.15   Discussion general items COHESIVE (members COHESIVE only)