



**Network
for Evaluation
of One Health**

Working Group 2

Leaders: Sara Savic, Maria Vang Johansen

Application of evaluation handbook
to case studies



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Aims and scope

- **Aim**
 - To **apply** the evaluation framework to different One Health initiatives (case studies) using primary and secondary datasets
- **Scope**
 - Evaluation of existing One Health initiatives
 - Selection of countries and initiatives
 - Use of international, national and local network
 - NEOH partners use or facilitate access to datasets
 - Training school to instruct researchers about best practices based on the lessons learned to date



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Working group participants

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Topic areas of relevance

- Infectious diseases
- Antimicrobial resistance
- Food chain safety system, nutrition
- Comparative system biology
- Education
- Environment, ecosystems

Selection of case studies

Case study...

- Matches topic area
- Is a One Health initiative
- Data are available or can be generated
- Resources for evaluation are available or can be found
- Includes humans, animals (and environment)
- Is relevant at the European level
- Is interdisciplinary and transectorial
- Is of priority for Europe (e.g. EFSA, ECDC)



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Proposed case studies (selection)

1. Public health implications of the use of acaricides for ticks (and tick-borne diseases) control of livestock in developing countries
2. Eradication and monitoring of brucellosis in Serbia and Malta
3. *Taenia solium* taeniosis and neuro-/cysticercosis in humans in pigs in Sub-Saharan Africa
4. Development of the platform for the surveillance of contaminants (chemical and biological) in the food chain (from farm to fork)
5. Cysticercosis in an European context – Portugal
6. Hepatitis E in Germany
7. Antimicrobial resistance in Norway
8. One Health education in Slovenia
9. Obesity in companion animals and humans and/or strongylitis in Spain
10. First report on MRSA recovered from wild boars in the north of Portugal
11. OH curriculum development between EU and SEA
12. Chlamydial studies in domestic and wild ruminants, and pigs and zoonotic chlamydiae in humans in Switzerland

Evaluation questions

1. What is the influence of the existence of **National One Health infrastructure** on Human and Animal health?
2. How does a **common education in One Health** concepts create benefits and improve Human and Animal health at different levels?
3. What are the benefits to human and animal health by having a **One Health approach to surveillance** of antimicrobial resistance?
4. How can usage of **small animals models** help improve human health?
5. How to deal to address the effects of **natural of human driven disasters** influence on human and animal health?
6. To what extent can a One Health approach reduce the risk of zoonoses?
7. What are effect of **existing control programmes** in One Health

Training school WG2 - Last week of June, Novi Sad, Serbia

- **Preferred / invited trainers**
 - Peter Obinovicz – USA
 - Katinka Debalogh – Bangkok
 - Dragan Rogan – Serbia
 - Jakob Zinsstag – Switerland
 - Simon Ruegg – Switzerland
 - Barbara Haesler - UK
- **Participants**
 - WG2 members
 - Case study coordinators with the concept of evaluation
 - Members of other WG
- **Topics**
 - Summary of the handbook
 - Examples of evaluating OH in case studies
 - Methodology of evaluation
 - Ethical and social aspects of the evaluation
 - Economic evaluation
 - Qualitative evaluation of OH





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