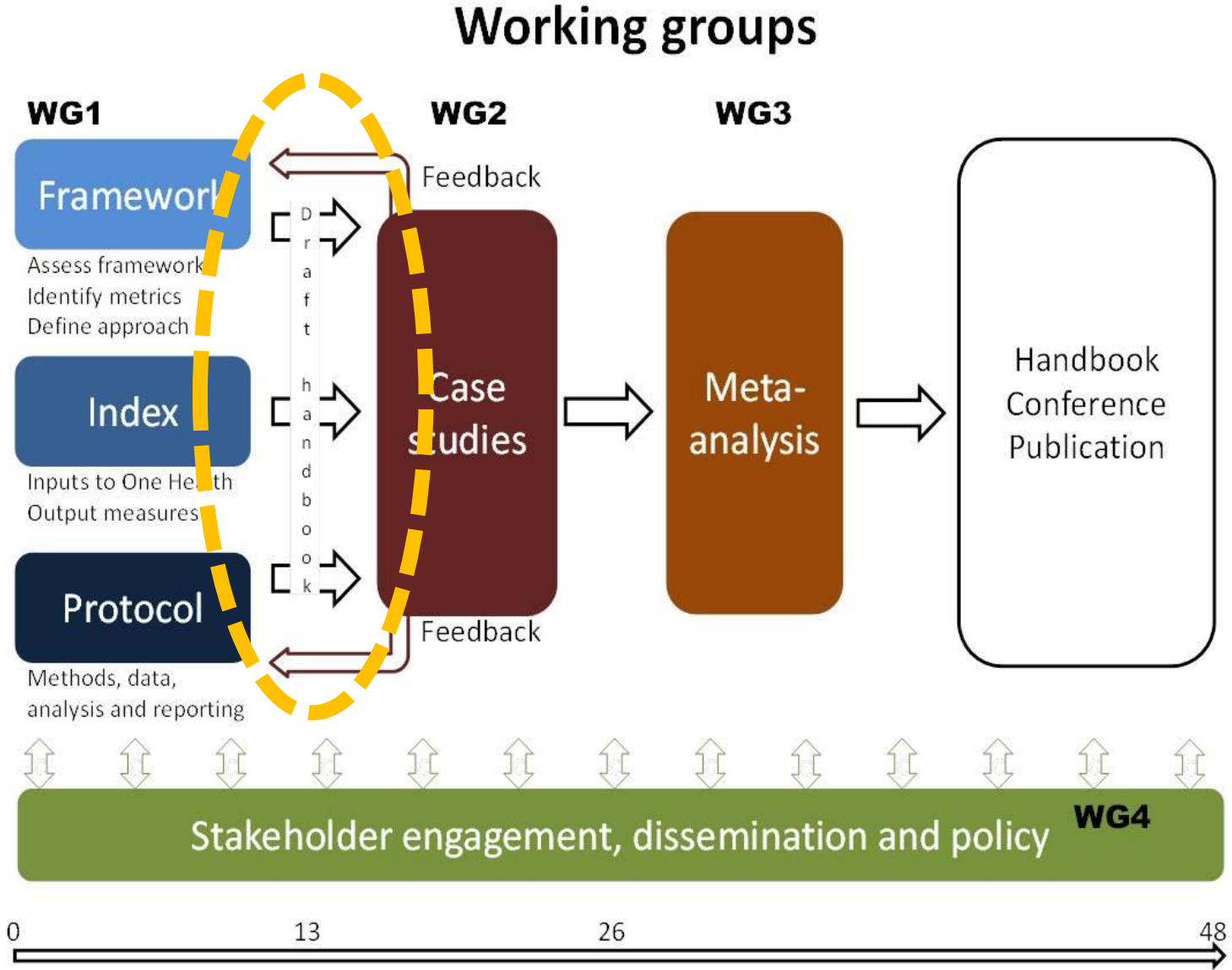


WG 2 Meeting

Novi Sad

June 28 2016

Here we are!



18 months activity

- Development of evaluation protocol
 - We spent material and intellectual resources to develop an innovative approach to measure the advantages of OH
 - The handbook is still a draft but well advanced and with a strong “personality”
 - Much work is needed to finalize but we are on the right way to finally have a good outcome

The role of case studies

- Main NEOH objective
 - *“to enable future qualitative and quantitative evaluations of One Health activities and to further the evidence base by developing and applying a science-based evaluation protocol in a community of experts”*
- Case studies development is a crucial for many good reasons
 - Scientific advances
 - Evidence of OH advantages
 - ...

Organizational aspects are not less important

- Enhance interdisciplinary mind in each of us and within case study teams
- Experiment interdisciplinary routine and protocols
- Stress the importance of human and social factors in OH approach to evaluation



This is what we will finally teach to the next generation of researchers

The real mission

- Interdisciplinary teams are the front line in NEOH project
 - On the one side they apply the evaluation protocol, discover grey areas, opportunities for further development, strengths and weaknesses of the methodology
 - On the other side they provide feedback to improve the methodology and the textbook



Put value on the methodology

Case studies

- About 15 case studies have been proposed. Probably others will add.
 - Starting from specific and/or sectoral aspects, they focus inter-sectoral links between the relevant dimensions of OH
 - Education in OH is also focused, and this is important

Case studies list

Leader	Case study
1. Daniele De Meneghi daniele.demeneghi@unito.it	"public health implications of the use of acaricides for ticks (and tick-borne diseases) control of livestock in developing countries". It includes all OH aspects such as environmental contamination (dipwash wastes, residues in the soil, re-use of acaricide tins), public health and animal health issues (residues in milk or meat, acute intoxication of workers/livestock keepers and animals)
2. Sara Savic sara@niv.ns.ac.rs Sandra Buttigieg sandrabuttigieg@um.edu.mt	Eradication and monitoring of Brucellosis in Serbia Brucellosis melitensis in Malta
3. Veronika Schmidt veronika.schmidt@tum.de Andrea Winkler drawinkler@yahoo.com.au	Taenia solium taeniosis and neuro-/cysticercosis in humans in pigs. This year we will start with new large-scale studies in sub-Saharan countries (mainly Zambia, Tanzania and Mozambique) investigating several aspects of this disease complex in humans and pigs as well as environmental factors. Education in a "On Health" approach in endemic areas will also be also a key element of these upcoming activities.
4. Flavie Goutard Flvie.goutard@cirad.fr flavie.goutard@cirad.fr	Encephalitis (JE and Nipah) management in Cambodia Parasitic zoonoses management in livestock in Laos PDR OH curriculum development between EU and SEA
5. Nicole Borel N.Borel@access.uzh.ch	Chlamydial studies in domestic and wild ruminants, and pigs and zoonotic chlamydiae in humans in Switzerland. Different chlamydial species in small mammals, birds, cats, frogs, reptiles
6. Marion Bordier Marion.bordier@agriculture.gouv.fr	Development of a platform (network) for the surveillance of contaminants (chemical and biological) in the food chain (from farm to fork), aiming at providing methodological and operational support to (public and private) risk managers for developing, implementing, valuing, evaluating surveillance systems. Will be linked to an existing platform for animal health and an under-development platform for plant health Encouraged by law Cross sectoral and interdisciplinary network: Gathering decision makers (competent for food safety: MoA, MoPH, M of Fraud), scientists, operators

1. Paulo Roriz pjro@inesctec.pt Jorge Torgal jorgetorgal.spub@fcm.unl.pt Manuela Vilhena mmcv@uevora.pt Carla Maia carlamaia@ihmt.unl.pt Vitoria Mourão vmourao@iscsp.utl.pt ; vitoria.mourao@gmail.com Juan García Díez juangarciadiez@gmail.com Ana Cláudia Coelho accoelho@utad.pt	Cysticercosis in European context – Portugal
2. Joze Staric joze.staric@vf.uni-lj.si	Education on One Health – Slovenia
3. Asta Tvarijonaviciute Asta.Tvarijonaviciute@uab.cat	Obesity in companion animals and humans – Spain
4. Kelvin Momany Barbara Vogler bvogler@vetbakt.uzh.ch Antonio Lavazza antonio.lavazza@izsler.it	study in Kenya evaluation of OH in West Nile Disease
Patricia Alexandra Curado Quintas Dinis Poeta ppoeta@utad.pt	First report on MRSA recovered from wild boars in the north of Portugal "Omic" tools to characterize methicillin-resistant Staphylococcus aureus (MRSA) recovered from wild animals: the labile epidemiology of virulence and drug resistance
Teita Myrseli tmyrseli@gmail.com	Case study

Next steps

Case studies Table
 Overview of the case studies planned to better manage their coordination.

Deadline: July 8



**... and:
 do not forget
 STSM**

	Case 1 (Example for illustration - to be updated)
Case study name	UC-Care process evaluation
Case study leader	Liza Rosenbaum Nielsen
Case study contributors	Anaïs Léger, Katharina Stärk, Lis Alban (+ UC-Care consortium participants)
Country / countries	Denmark, Switzerland
Definition of the system (related to Step 1 in handbook)	A cross-faculty university funded 4 year research project aiming to generate knowledge and tools to combat antimicrobial resistance at University of Copenhagen, DK. Potential impacts stemming from the research are both internal (better knowledge and collaboration) as well as external/long term by improving animal, human, and environmental health.
Description of the One Health initiative (related to Step 2 in handbook)	Six scientific work packages addressing the following topics: WP1: Drug discoveries, WP2: Alternatives to antimicrobials (e.g. vaccines), WP3: Optimisation of antibiotic therapy in humans and animals, WP 4: Evidence-based diagnosis and therapy of infection in human and veterinary medicine, WP5: Policy and cost-benefit analyses, WP6: Antibiotics in social science context – between users and prescribers.
Brief description of the One Health thinking (related to Step 3a in handbook)	By involving 6 faculties including natural, social and humanity sciences + stakeholders from industry this project has a One Health mindset from the offset.
Brief description of the One Health planning (related to Step 3b in handbook)	Leadership: led by veterinarian and MD in collaboration. Multiple WPs with multidisciplinary teams.
Brief description of the One Health working (related to Step 3c in handbook)	A few cross-WP meetings. Annual plenary meetings allowing stakeholders to provide feedback. PhD students and postdocs meet more frequently to present for each other. Within specific WPs multidisciplinary research projects.
Brief description of the One Health sharing (related to Step 3d in handbook)	Common website and plenary meetings where the latest results are discussed.
Brief description of the One Health learning (related to Step 3e in handbook)	Learning is expected to happen at two levels: 1) individual learning of researchers; and 2) institutional learning by implementing supporting, long-term infrastructure and forming professional networks
Key expected element in the theory of change	It is expected that the interdisciplinary nature of the research consortium will result in more knowledge exchange and sharing, which in turn will produce higher quality research results, which will - upon implementation - improve the health of animals, humans and the environment.
Evaluation rationale	Within-consortium request to identify and describe processes that work(ed) well in UC-Care and those that could be improved for better impact of the project. It is anticipated that the research output is at a high level, however, this does not in itself ensure good One Health outcomes.
Evaluation question	Which elements of UC-Care work well and which could be improved to ensure that expected intermediary outcomes (high research quality) are reached to have ultimately a positive impact on human, animal and environmental health given the available resources in the consortium?
Evaluation type (i.e. process evaluation, impact evaluation, non-linear impact assessment or economic evaluation)	Process evaluation
Outcomes to measure	One Health Operations and Supporting Infrastructure elements; specific metrics and associated methods to be identified
Timeline for evaluation: Development of evaluation design	June-July 2016
Timeline for evaluation: Implementation of evaluation	October-December 2016
Planned STSM(s) for the case study	Anaïs Léger, Safoso (CH) to go to University of Copenhagen (DK), 3 weeks in Nov'2016.
Other comments or observations (commitment, resources, data availability, capacity)	There is full commitment and support from the UC Care team to conduct this evaluation. Expertise, resources, and capacity are available in the form of senior researchers who can advice on technical and evaluation aspects, as well as a junior researcher (Anaïs Leger) who is a NEOH member and has the relevant skills and resources (time) to dedicate to this case study. The case study leader will promote the timely implementation of the evaluation.

Short Term Scientific Missions

- To help case study work, develop the handbook, follow up case studies feedback
- Use STSM opportunities
 - To exchange scientists from outside and let them participate in case study
 - To give opportunities to early career investigators
- Next STSM-application **deadline is 4 July 2016**
 - *Exploit the Training School to plan initiatives at this level*
 - STMS call available at:

<http://neoh.onehealthglobal.net/short-term-scientific-missions/>

Next steps

- From July to December 2016
 - **Implementation** of evaluations
- End December 2016
 - **Reports** on evaluation
- January 16-17 of January 2017,
 - **Result presentation during Malta Meeting.**
- Following months
 - Sharing result with WG3 for a meta-analysis
 - **Submission of evaluation result to** peer-reviewed journals
 - A special issue in a journal is under discussion (suggestions required)