

Network for Evaluation of One Health (NEOH) - Developing structured approaches for the evaluation of transdisciplinarity and systems thinking

Houda Bennani¹, John Rossen², Alexander W. Friedrich², other NEOH consortium members, Barbara Häsler^{1,3}

¹ Royal Veterinary College, Hatfield, United Kingdom; ² University Medical Center Groningen, Groningen, The Netherlands; ³Leverhulme Centre for Integrative Research on Agriculture and Health, London, United Kingdom

Contacts: bhaesler@rvc.ac.uk (NEOH chair) and john.rossen@gmail.com



Background and aim

- Human health and well-being are increasingly affected by global challenges such as malnutrition, emerging and endemic zoonotic diseases, antimicrobial resistance and climate change
- These challenges require transdisciplinary approaches to shape One Health responses
- There is a need for standardised evaluation of OH initiatives in order to demonstrate benefits and limitations of such comprehensive approaches
- NEOH is an open network that brings together people from a wide range of disciplines and with varying expertise who have an
 interest in One Health and evaluation
- The main aim of NEOH is to enable future evaluations of One Health activities by developing and applying a science-based evaluation protocol in a community of experts

Strategy

The project is organised into four working groups (WG)

- ❖ WG1: to develop the overall evaluation framework, a One Health index and a protocol
- **WG2:** to apply the framework, protocol and index developed to different One Health initiatives
- ❖ WG3: to conduct a meta-analysis of the available case studies to facilitate international comparison and the elaboration of policy recommendations
- ❖ WG4: responsible for seeking a dialogue with national governments, NGOs, research organisations and industry throughout the project to adapt the framework to the needs of decision makers

Other activities

Regular meetings; Training schools; Short scientific missions; Workshops and dissemination activities

Working groups WG2 WG3 WG1 Feedback Assess frameworks **Identify metrics** Define approach Handbook Case Meta-Conference Index studies **Publication** Inputs to One Health **Output measures** $\begin{bmatrix} & & \\ & & \end{bmatrix}$ Protocol Feedback WG4 Stakeholder engagement, dissemination and policy Months

Expected outcomes

Improved decision making process and efficient resource allocation

book with a tested framework and methodology for the evaluation of One Health initiatives

Increase the
acceptance of
applying One
Health
approaches by
providing
evidence of the
added value

Who is involved so far?

The Network for Evaluation of One Health is an multidisciplinary, open network that brings together people from fields such as ecology, economics, epidemiology, public and veterinary public health, linguistics, government and industry with varying expertise and experience who have an interest in One Health and evaluation.

22 COST countries have joined the network to date.

Who can join?

- Any researcher, engineer or scholar from a COST Member Country
- Any researcher from institutions in Near Neighbour Countries, International Partner Countries and International Organisations on the basis of mutual benefit
- The COST Action is funded from 2014 to 2018



