

A blueprint for One Health Evaluation & Preliminary results from a set of case studies evaluating One Health

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A blueprint for One Health Evaluation

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Contents of the NEOH handbook

1. Evaluation of approaches to health

2. Roadmap to a OH Agenda 2030

3. OH Evaluation Framework

4. OH methods & metrics I: ecological dimension

5. OH methods & metrics II: social sustainability

6. OH methods & metrics III: economic evaluation

7. OH methods & metrics IV: interactions and integration of parts I-III

8. OH governance

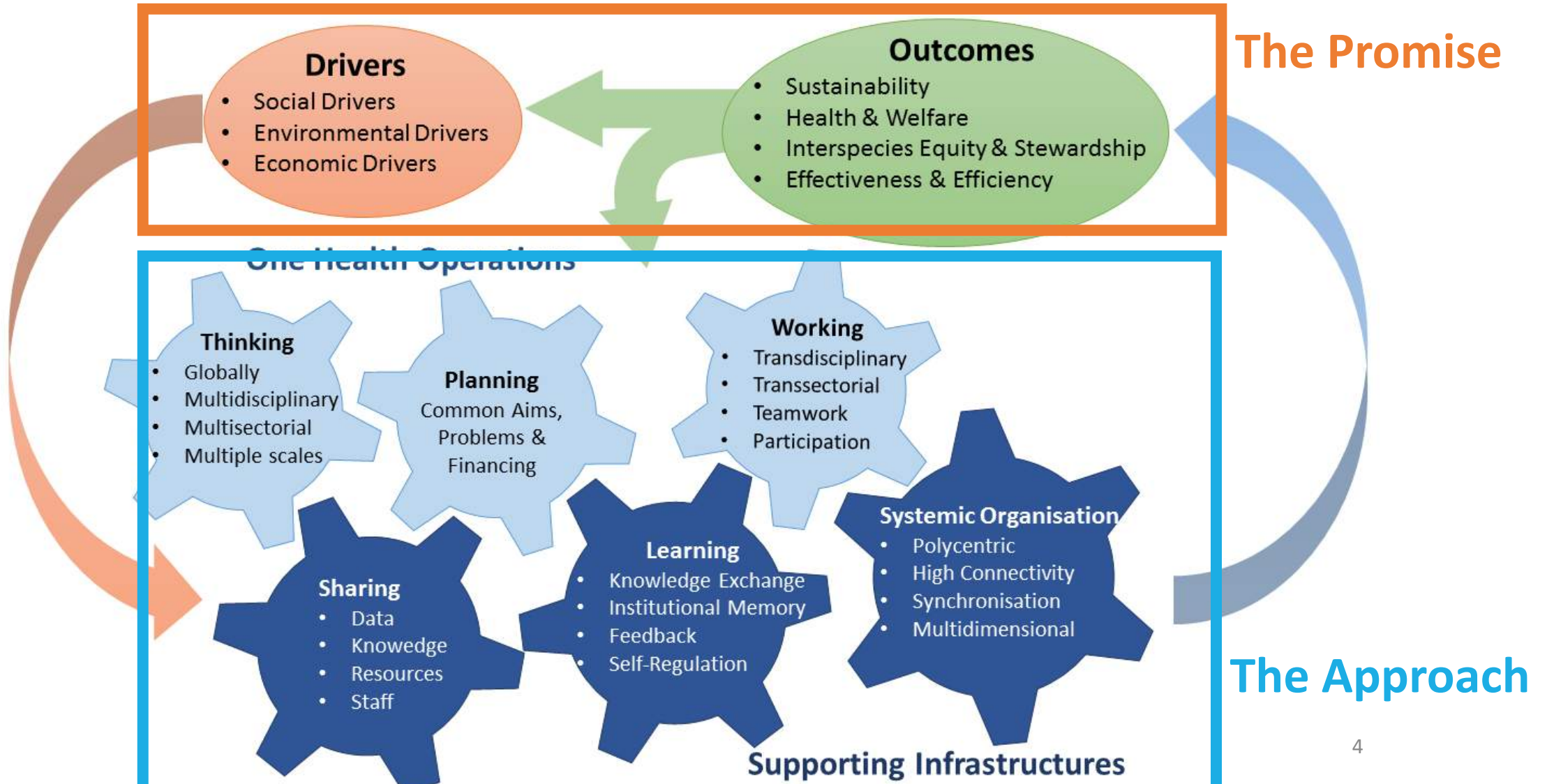
9. NEOH Glossary

10. Case studies (WG2)

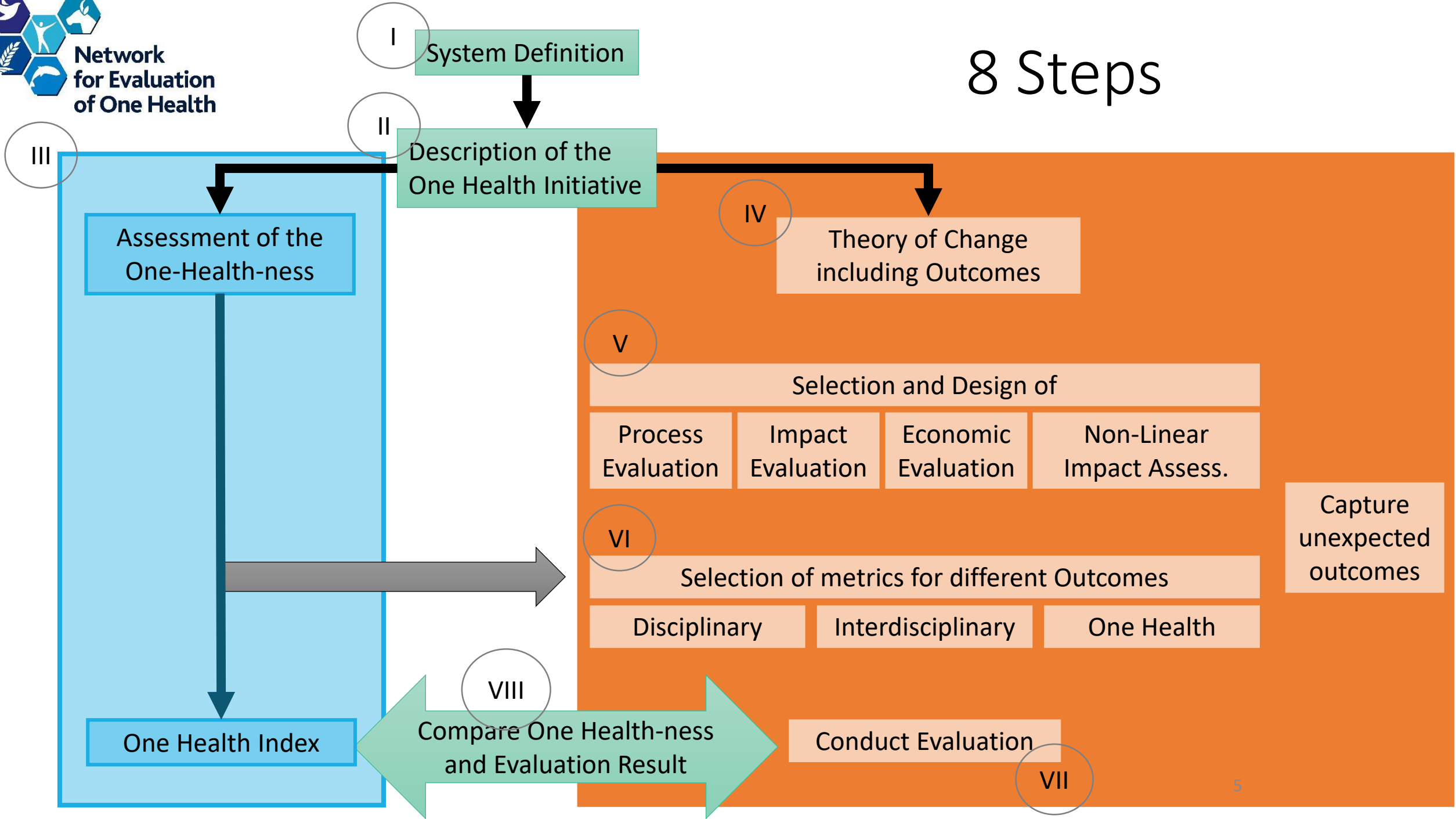
11. Meta-analysis (WG3)

12. Reassessment of theory and methods

One Health Characteristics

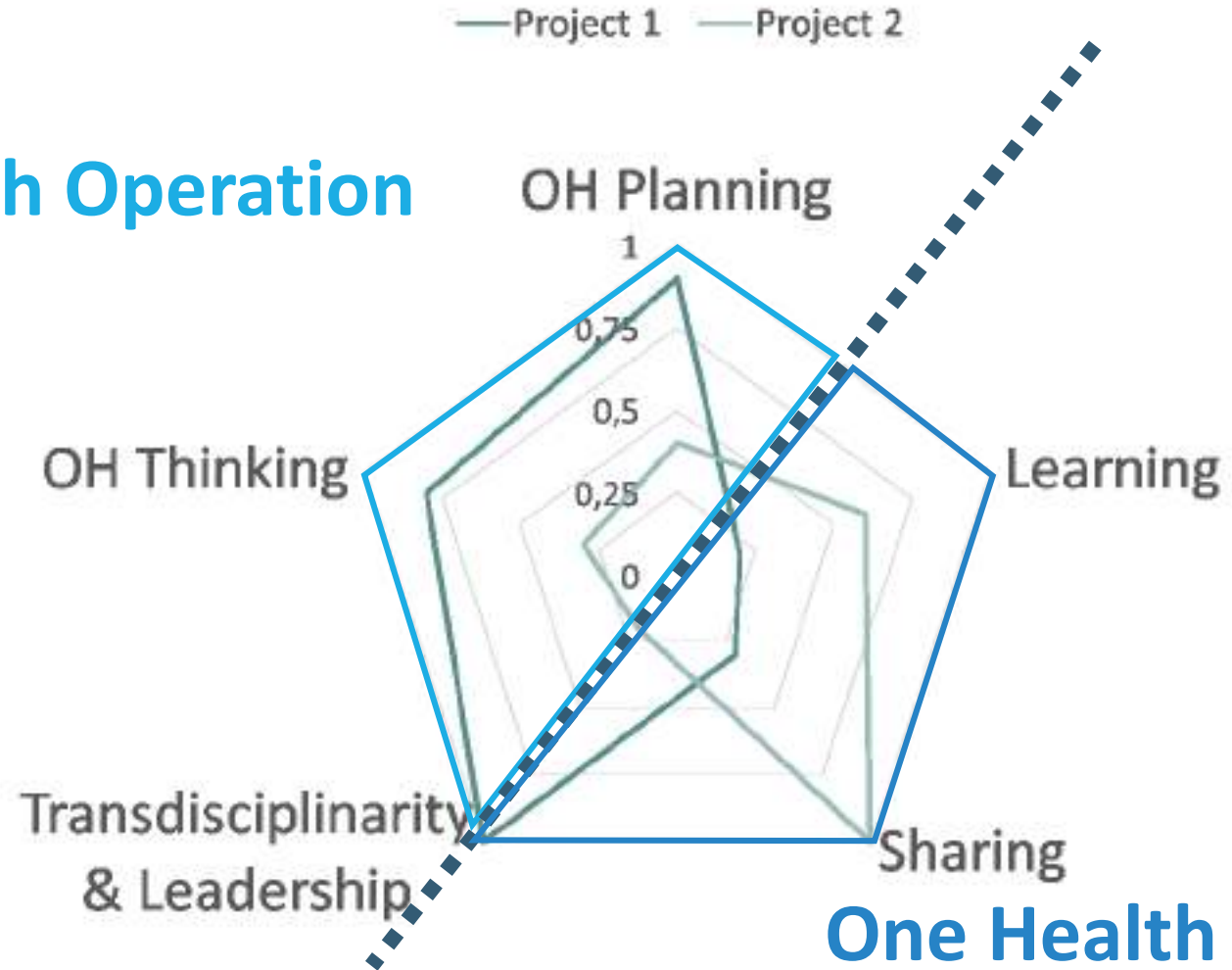


8 Steps



One Health Index and Ratio

One Health Operation



Preliminary results from a set of case studies evaluating One Health

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Case studies

- Participants of NEOH action used access to available primary and secondary data from ongoing One Health projects in which they are involved in for evaluation.
- The NEOH handbook was applied to these case studies.

Inclusion criteria

- In total 12 case studies are evaluated.
- Criteria for choosing a case study for evaluation were:
 - an impact on humans, animals (and environment);
 - relevance at the European level;
 - interdisciplinarity and intersectoriality;
 - measurable benefits of One Health and
 - if it is a disease condition, it should be on the of priority list for Europe (EFSA, ECDC).

Evaluation aspects

- the ecological dimension,
- the social dimensions,
- the economic dimension, and
- the resilience and sustainability.

Overview I

Title

Leader

- | Title | Leader |
|--|--|
| 1 Human and canine obesity: One Health Approach | Asta Tvarijonaviciute |
| 2 "Portuguese observatory of taeniasis and cysticercosis": a One Health example for epidemiological surveillance of a neglected disease in a European country. | Ana Claudia Coelho |
| 3 Comparison of Eradication of Brucellosis in Malta with a Case Study on Eradication of Brucellosis in Serbia | Sara Savic,
Sandra C. Buttigieg |
| 4 UC-Care process evaluation | Liza Rosenbaum Nielsen,
Anaïs Léger |
| 5 First report on MRSA recovered from wild boars in the north of Portugal. Omic tools to characterize methicillin resistant Staphylococcus aureus recovered from wild animals: the labile epidemiology of virulence and drug resistance. | Patrícia Poeta |
| 6 Use of acaricides to control ticks and tick-borne diseases in Zambia: Implications in Public & Environmental Health | Daniele De Meneghi,
Gaby Laing,
Maurizio Aragrande |

Overview II

Title	Leader
7 International One health master program in Western Balkan universities	Joze Staric, Sabina Seric-Haracic
8 ComAcross: InterRisk Master	Flavie Goutard
9 ComAcross: long-term study on parasitic food born diseases in South Lao	Flavie Goutard
10 West Nile virus integrated Surveillance in Northern Italy: impact evaluation	Barbara Vogler, Giulia Paternoster, Laura Tomassone
11 Evaluation of an Animal Welfare Center from the One Health Perspective	Miroslav Radeski
12 Evaluation of the implementation of One Health in Kenya: A case study of the Zoonotic Disease Unit (ZDU)	Kelvin Momanyi

Starting point...

Case study name

Case study leader

Case study contributors

Country

Definition of the system

Description of the One Health **initiative**

Description of the One Health **thinking**

Description of the One Health **planning**

Description of the One Health **working**

Description of the One Health **sharing**

Description of the One Health **learning**

Overview of the theory of change

Evaluation rationale

Evaluation question

Evaluation type (i.e. process evaluation, impact evaluation, non-linear impact assessment or economic evaluation)

Outcomes to measure

Timeline for evaluation

Planned STSM(s) in the case study



Questions?

Thank you for your attention