

WHO Collaborating Centre for research and training on complex systems and network science for NCD prevention and control

Ruth Hunter

Professor of Public Health and Planetary Health
Director, WHO Collaborating Centre
Centre for Public Health, Queen's University Belfast
E-mail: ruth.hunter@qub.ac.uk
Website: <https://www.qub.ac.uk/sites/who/>

Support the WHO in:

- **building capacity** in the application of complex systems and network science by offering training
- research involving the **application** of complex systems and network science approaches in NCD prevention and control
- development and provision of an online tool for undertaking **stakeholder network analyses** to support implementation research

Members:

- Ruth Hunter, public/planetary health
- Neil Anderson, computer science
- Mike Clarke, evidence synthesis
- Leandro Garcia, complexity science
- Frank Kee, public health medicine
- Ciaran O'Neill, economist





COMPLEX SYSTEMS AND NETWORK
SCIENCE FOR PREVENTION AND CONTROL
OF NONCOMMUNICABLE DISEASES

A WHO COLLABORATING CENTRE
FOR RESEARCH AND TRAINING

Building capacity: Systems thinking

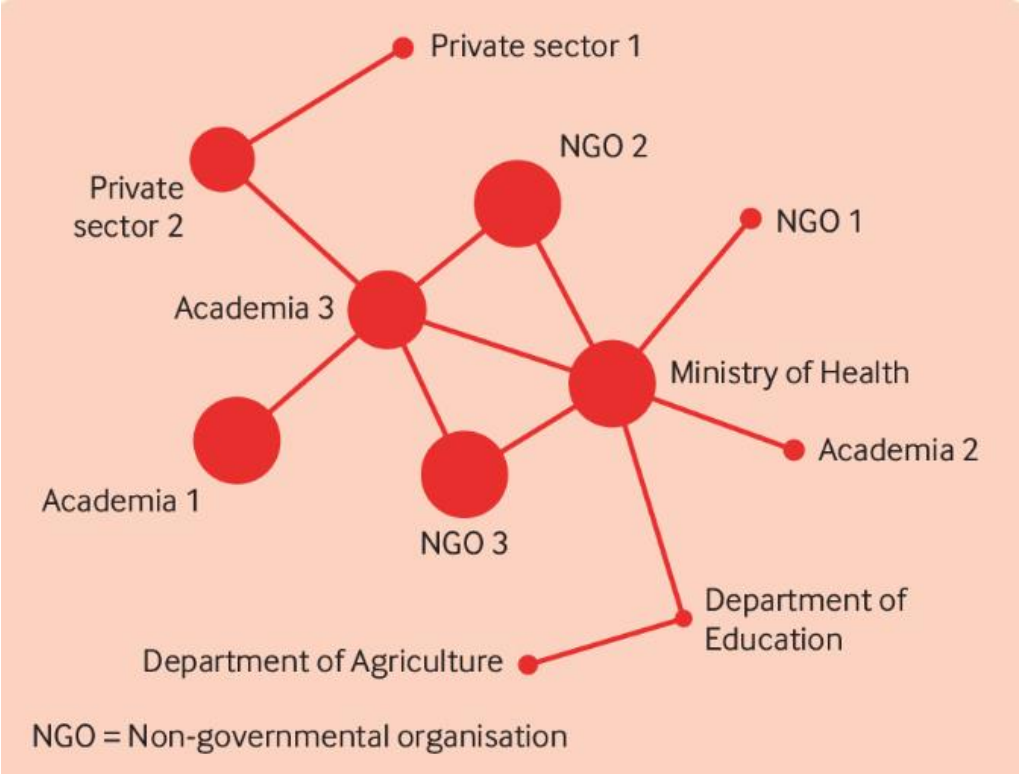
Summer school: Systems thinking and innovation for the prevention of noncommunicable diseases and a healthy ageing population in the WHO European Region

16 – 19 July 2024 | Nice, France

<https://www.who.int/europe/news-room/events/item/2024/07/16/default-calendar/summer-school--systems-thinking-and-innovation-for-the-prevention-of-noncommunicable-diseases-and-a-healthy-ageing-population-in-the-who-european-region#:~:text=The%20summer%20school%20is%20designed,policies%2C%20strengthen%20multisectoral%20collaboration%20and>

16th – 19th July 2024

Building capacity: Stakeholder network analysis



BMJ 2019; 365 doi:
<https://doi.org/10.1136/bmj.l1871>

SOLUTIONS FOR PREVENTION AND CONTROL OF NON-COMMUNICABLE DISEASES

National action plans to tackle NCDs: role of stakeholder network analysis

Network science approaches can enhance global and national coordinated efforts to prevent and manage non-communicable diseases, say **Ruth Hunter and colleagues**

D ecent figures highlight the rising global burden of non-communicable diseases (NCDs). The World Health Organization (WHO) estimates that 71 million people die from NCDs each year, and the number is expected to rise to 99 million by 2030. This is a global health crisis that requires the attention of government and whole of society is necessary to support countries to reduce NCDs.

Operationalising multisectoral partnerships as networks

Stakeholder network analysis toolkit

- <http://stakeholdernet.org/>
- Supporting manual
- Training: 21+28 May 2024

- Supported stakeholder network analysis research and capacity building in range of countries such as Portugal, Kryrgyzstan, Azerbaijan

- Example reports such as global co-ordinating mechanism; climate action and NCDs; age friendly cities

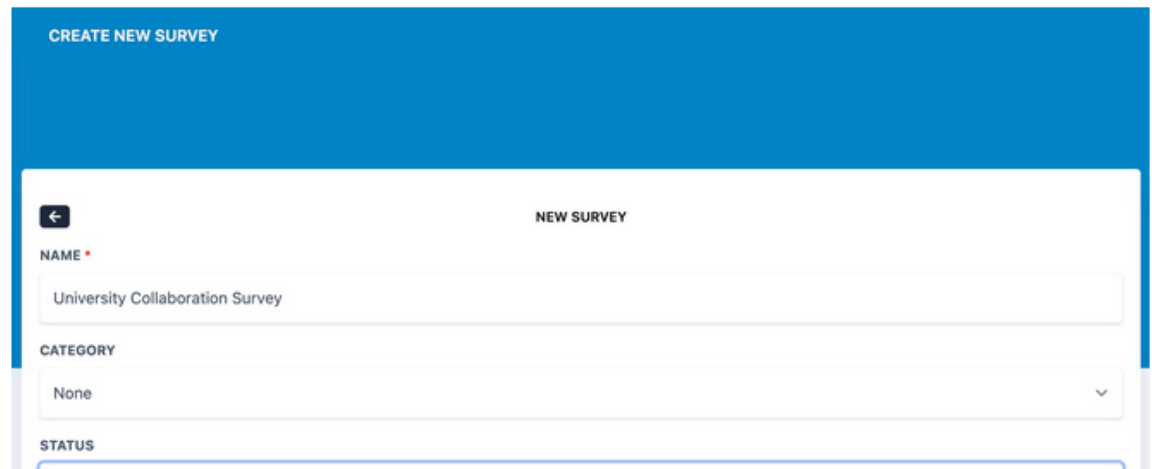
Stakeholder Net

Creating a new survey

Quickly and easily get started with Stakeholder Net.

Create a new survey

1. Log in to Stakeholder Net and click on SURVEYS from the left-hand side menu.
2. Click on the + symbol on the top right-hand side of the SURVEYS page.
3. Give the survey a name and set the STATUS to Draft.
4. Click the CREATE SURVEY button.



CREATE NEW SURVEY

NEW SURVEY

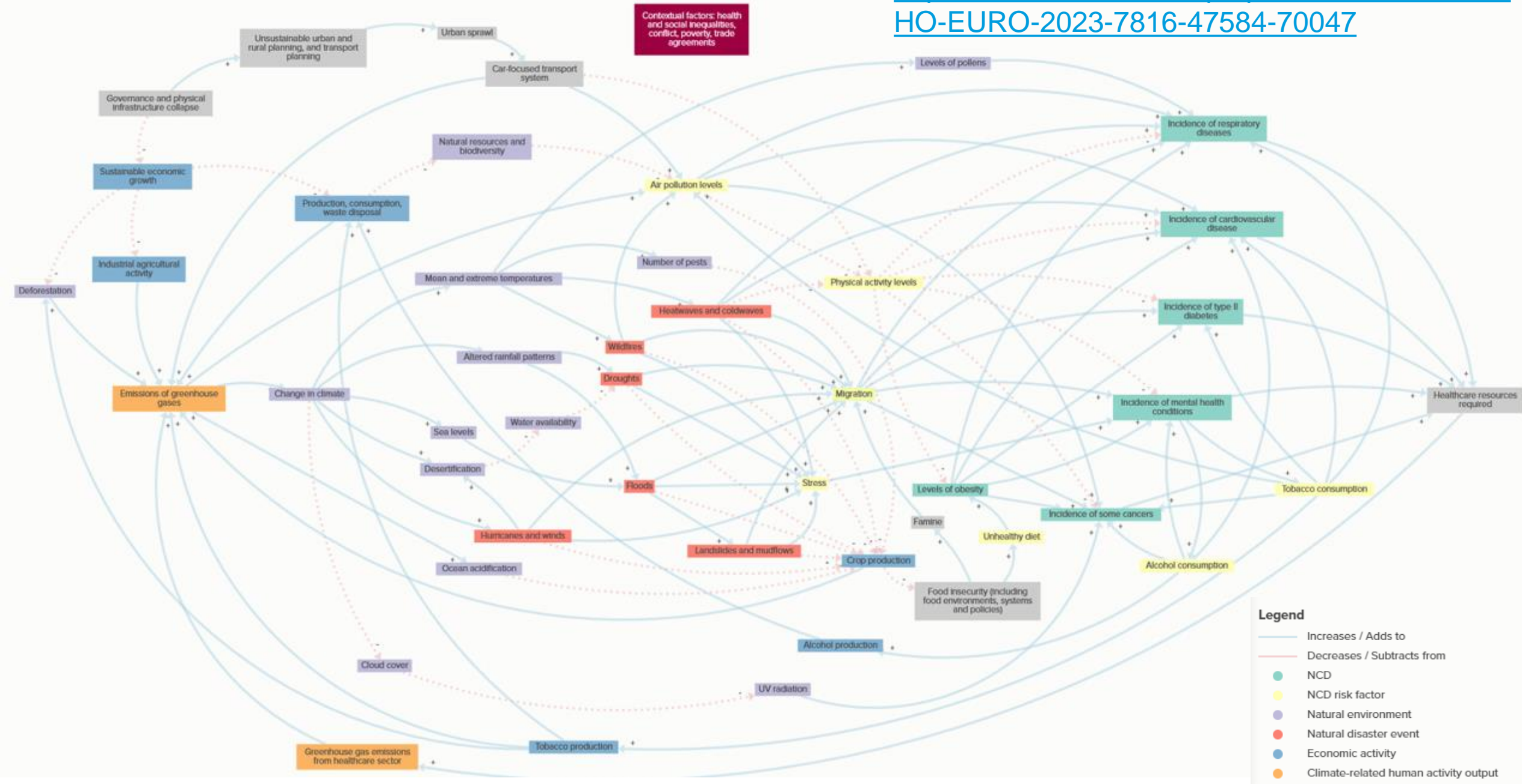
NAME *

University Collaboration Survey

CATEGORY

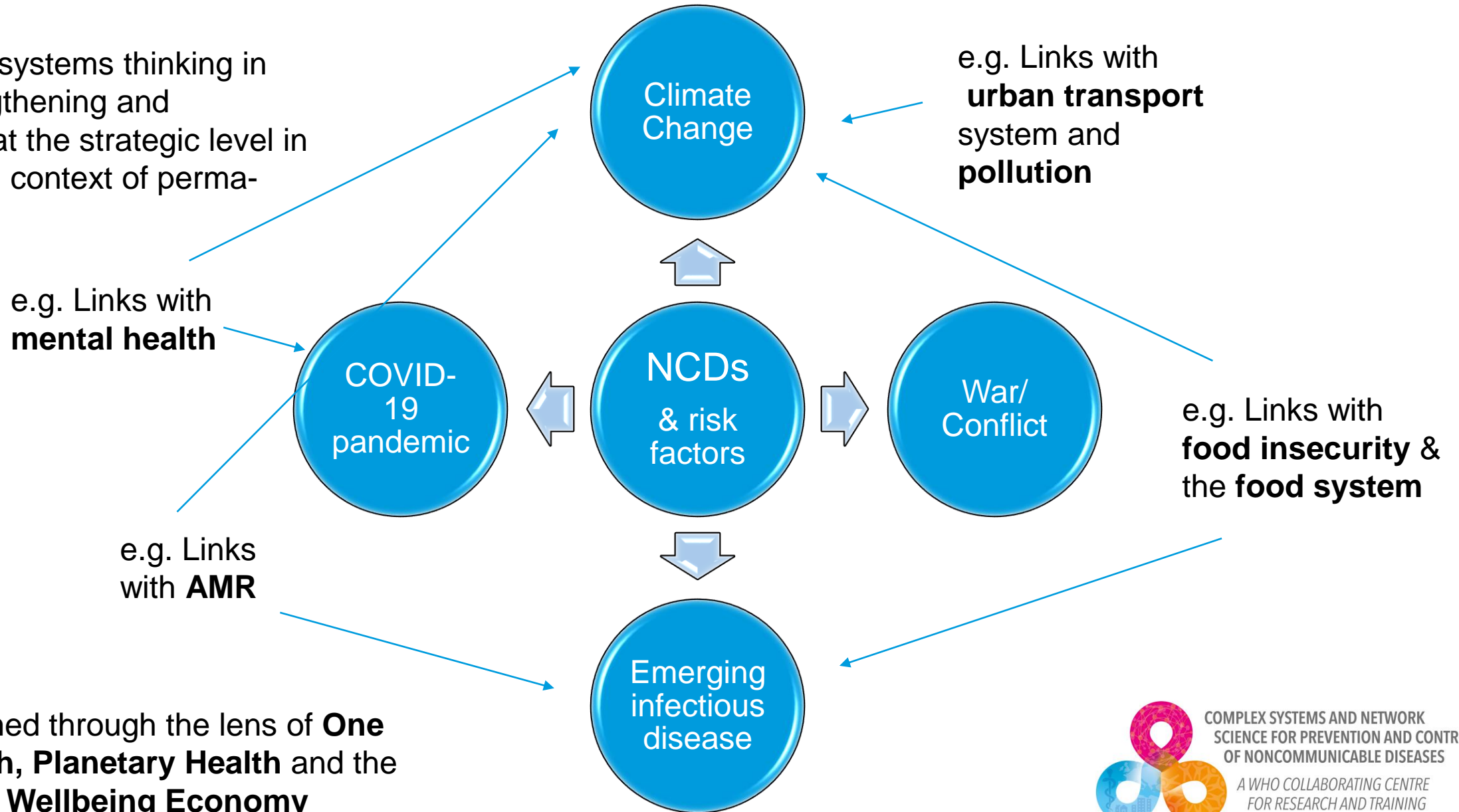
None

STATUS



Systems thinking, NCDs and the perma-crises

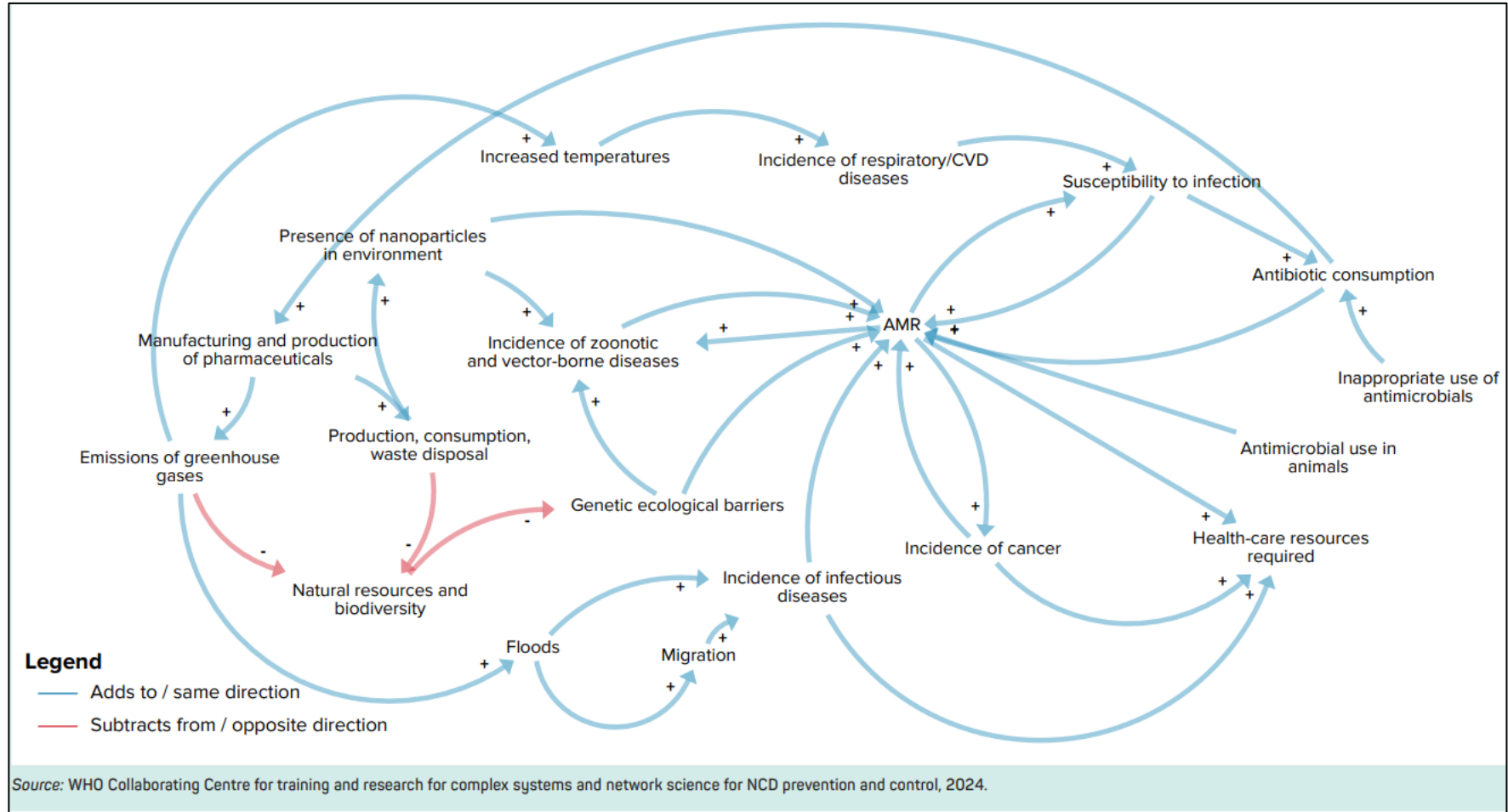
The role of systems thinking in NCD strengthening and innovation at the strategic level in a European context of perma-crises



Framed through the lens of **One Health, Planetary Health** and the **Wellbeing Economy**



Advocacy briefs





Thank you

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