

One Health - The integrated approach to address health threat originating in the animal-human-environment interface

Peter Sousa Hoejskov

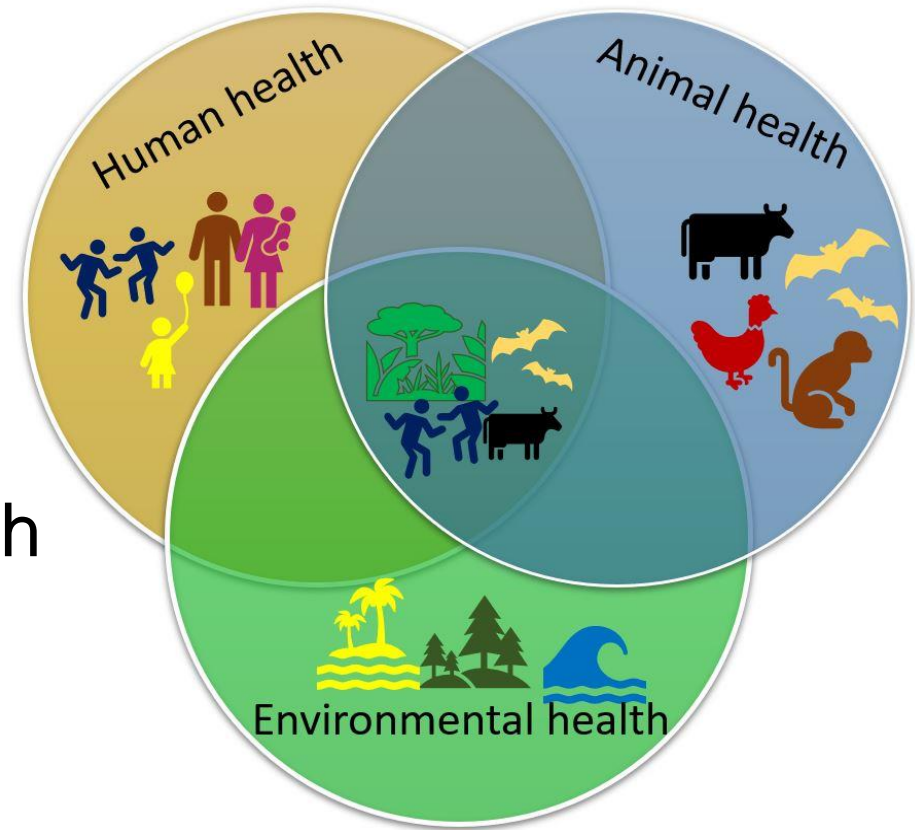
Technical Officer – Food Safety & Zoonotic Diseases

WHO Regional Office for Europe

EEAC Webinar: Towards a Planetary Health: Concepts, key messages, and best practices, 14 October 2021

Presentation outline

- What is One Health and the benefits of applying it?
- Global and regional commitment to operationalize One Health
- One Health in the context of specific health issues



Anthropogenic developments affecting health

- Population growth
- Lifestyle changes
- Changes in food production and supply practices
- Inequality and persistent poverty
- Increased travel and trade
- Habitat and biodiversity loss
- Climate change

Today's health threats require multisectoral responses

- Zoonotic diseases and pandemics, antimicrobial resistance, food safety, environmental contamination, climate change etc.
- No one sector can address these issues alone
- Understanding of root causes and drivers of disease emergence, spread and persistence is required
- Collaborative, multisectoral and transdisciplinary efforts are needed

“Human health does not exist in a vacuum, and nor can our efforts to protect and promote it. The close links between human, animal and environmental health demand close collaboration, communication and coordination between the relevant sectors”

Dr Tedros Adhanom Ghebreyesus, WHO Director-General

What is One Health?

“An approach to designing and implementing programmes, policies, legislation and research in which multiple sectors communicate and work together to effectively prepare for, detect, assess and respond to shared health threats and achieve better public health outputs”



Benefits of applying the One Health approach

- Recognition of the interdependence of human and animal and the links to the health of ecosystems in which they coexist
- Common understanding of issues, priorities and needs
- Coordination and information sharing across sectors and stakeholders
- Prioritized resource mobilization and allocation
- Clear division of roles and responsibilities
- Effective to address health threats to humans, animals and ecosystems



High-level recognition of the importance of One Health (ex.)



CARBIS BAY G7 SUMMIT COMMUNIQUÉ

Our Shared Agenda for Global Action to Build Back Better



Stella Kyriakides, EU Commissioner for Health and Food Safety



Pan-European Commission on *Health and Sustainable Development*, 2021

Global tripartite+ collaborative commitments

- Tripartite memorandum of understanding (2018)
- One Health High-level Expert Panel (2021)
- *Draft* Global Plan of Action for One Health (2021)
- *Draft* Strategic Framework for tripartite collaboration on AMR, 2022-2026 (2021)



Launch of the One Health High-Level Expert Panel, May 2021

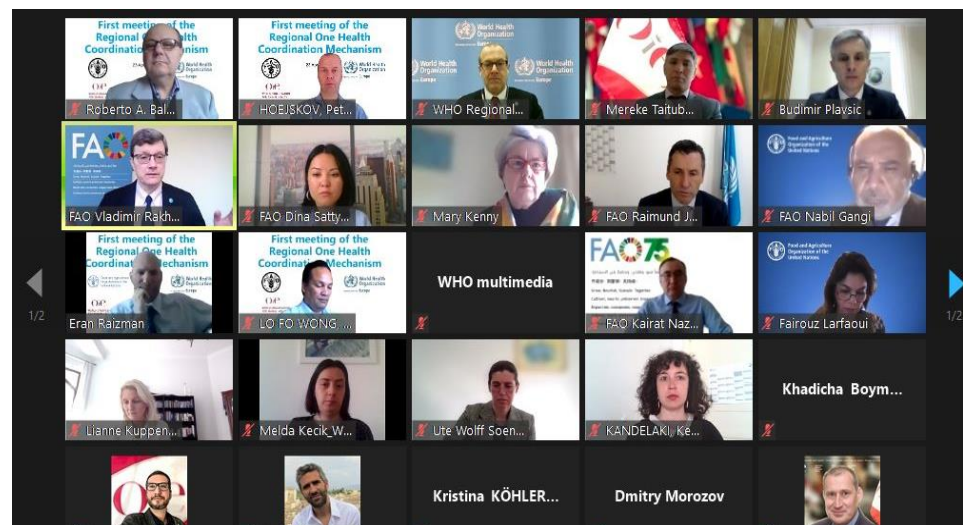
The Tripartite's Commitment
Providing multi-sectoral,
collaborative leadership
in addressing health challenges

October 2017

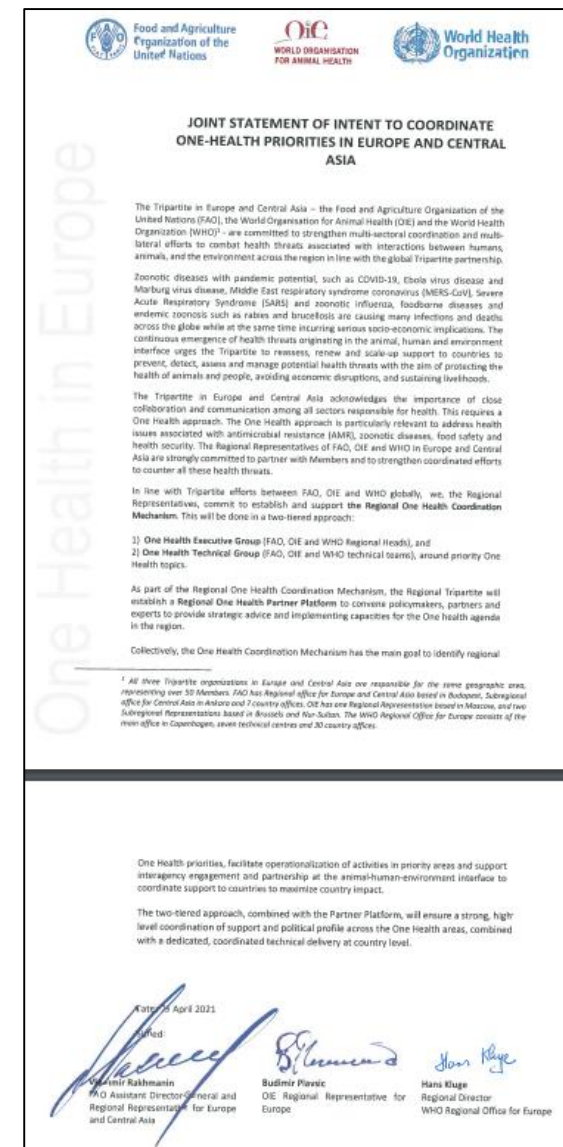


Tripartite+ collaboration in the European region

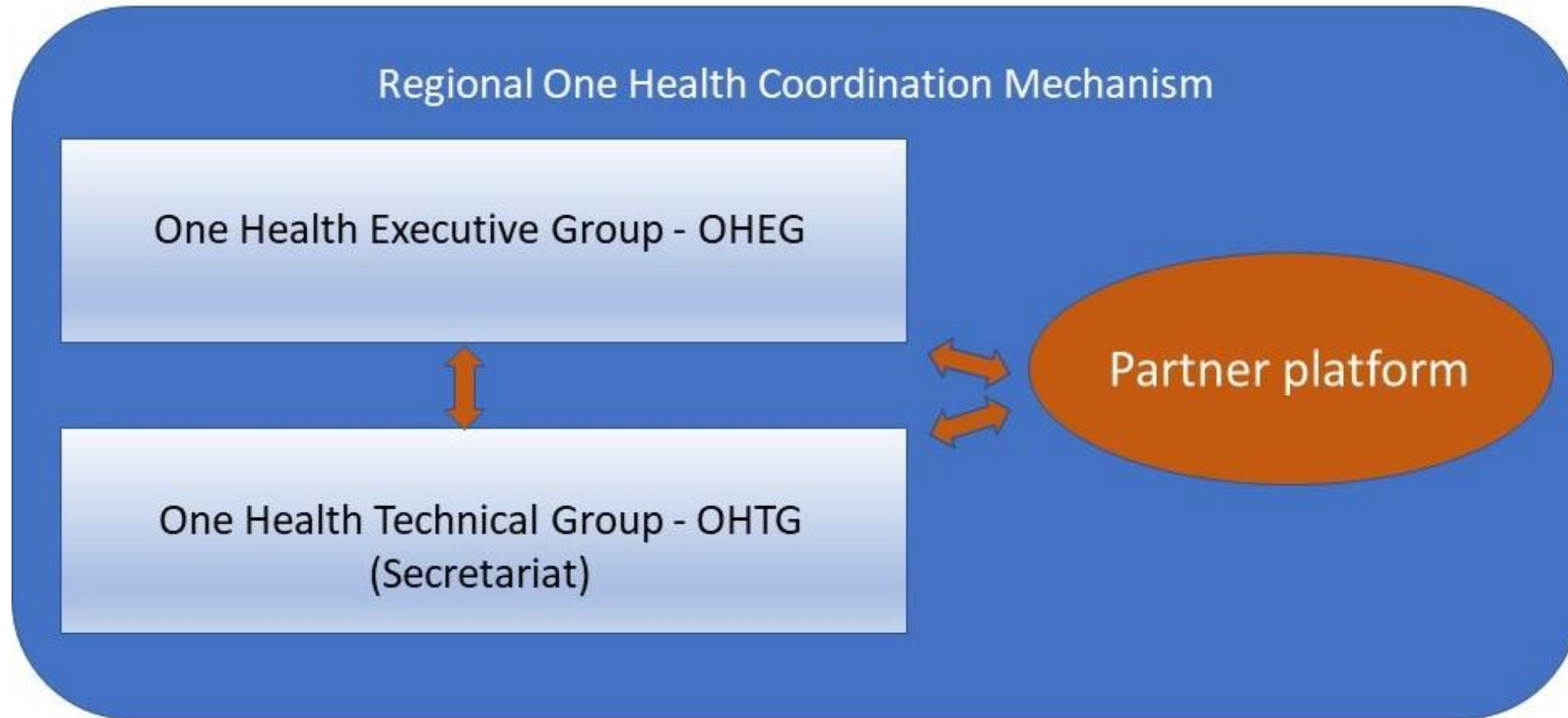
- Regional One Health Coordination Mechanism
- Statement of intent to coordinate One Health priorities
- Tripartite AMR Multi-Stakeholders Partnership Platform

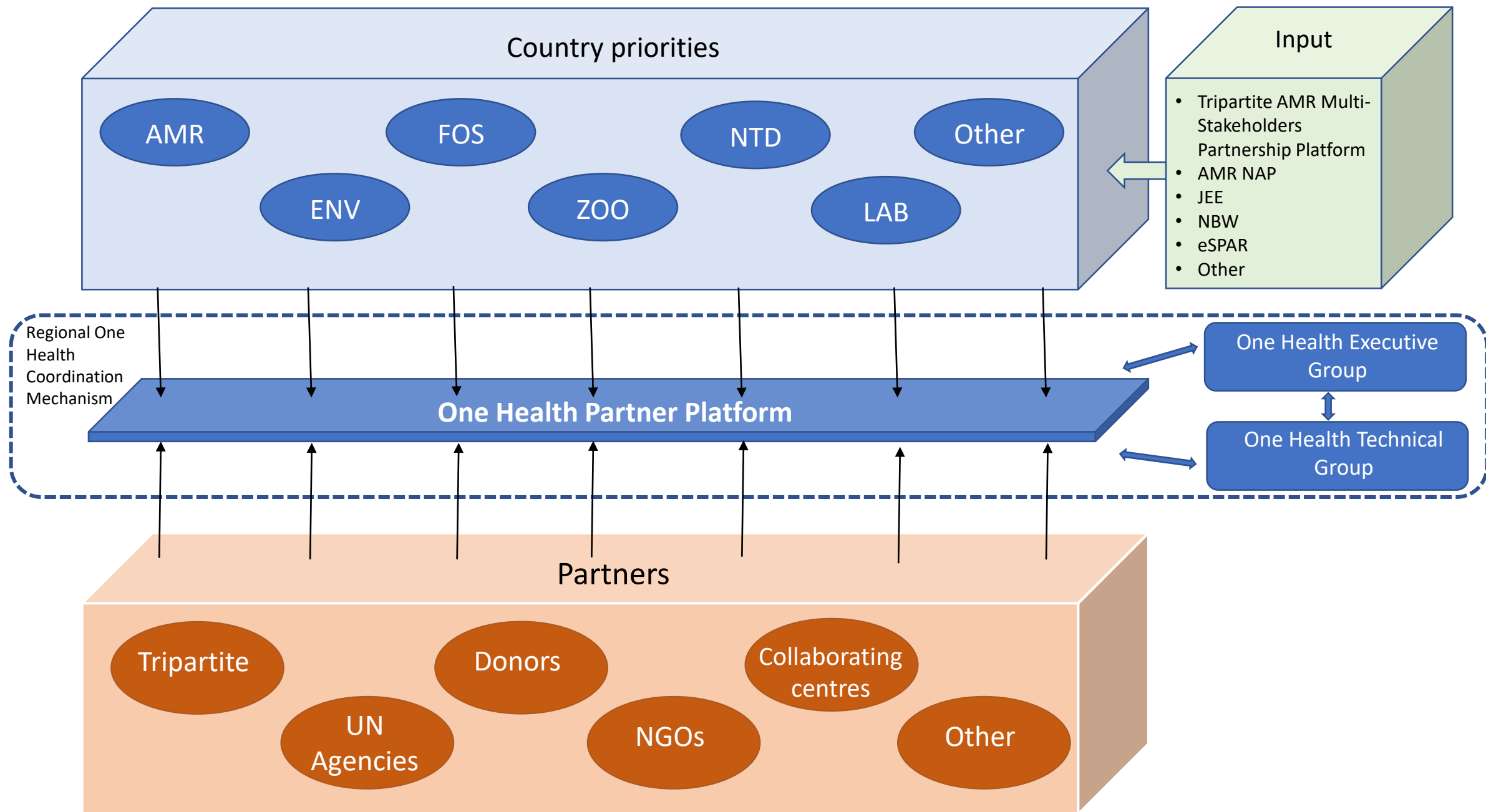


Launch of the Regional One Health Coordination Mechanism, 2021



Regional One Health Coordination Mechanism





WHO EURO's approach to operationalize One Health

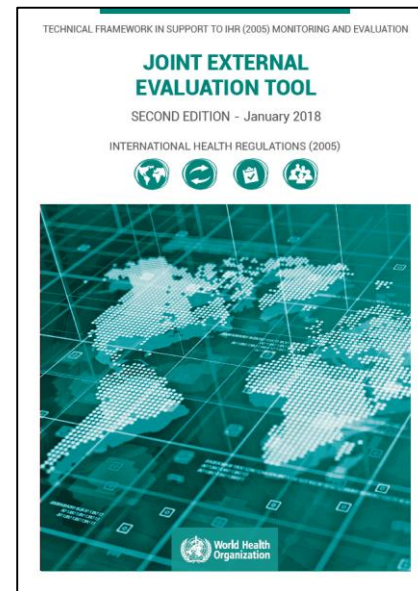
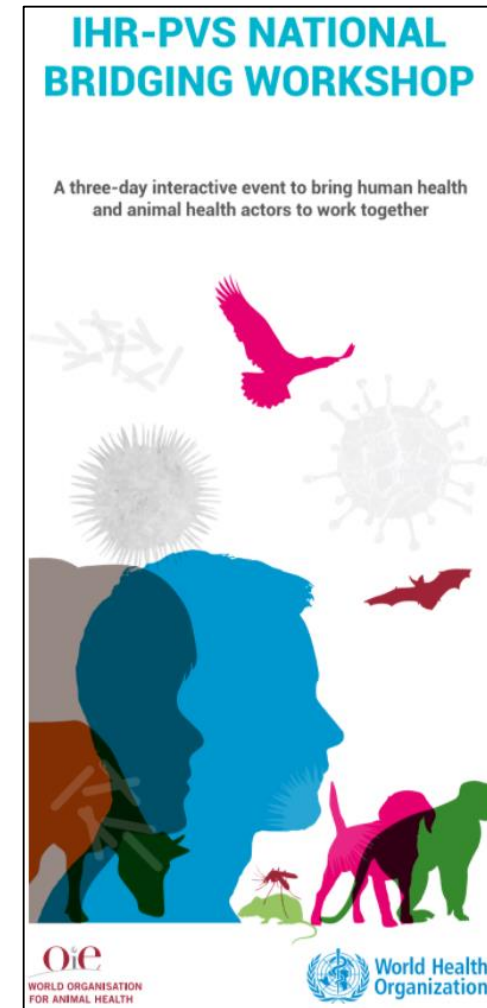


WHO/Europe technical work on One Health
Enabling factors facilitating work on One Health

- One Health Working Group
- Regional strategic plans
- Country Cooperation Agreements
- Partner coordination and engagement

One Health in the context of strengthening health security and IHR core capacities

- Assess IHR capacities and making recommendations for improvements
- Develop tools and roadmaps including plans for strengthening multisectoral collaboration
- Promote multisectoral responses to the prevention and control of emerging and re-emerging infectious diseases, including outbreak investigation and response



One Health in the context of food safety and zoonotic diseases

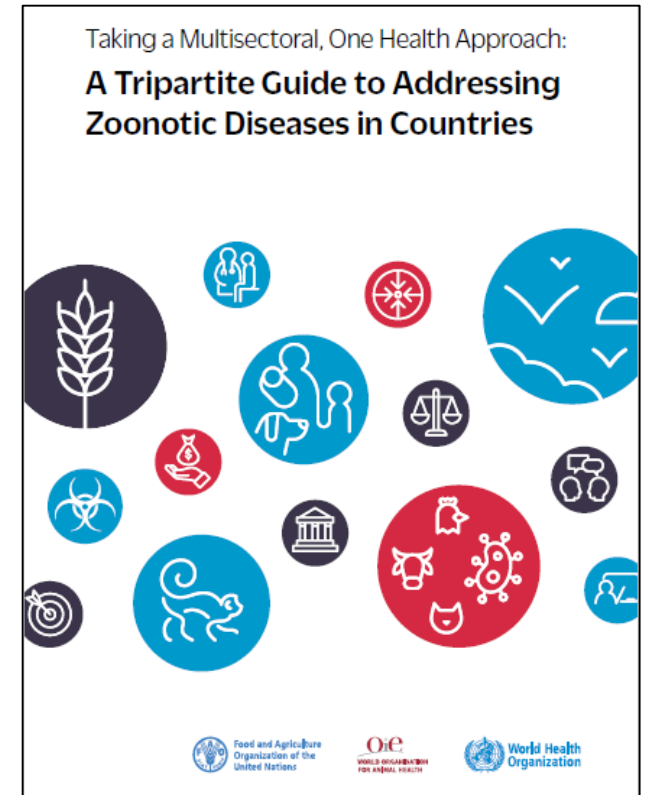
- Food policy and legal frameworks
- Food control activities
- Monitoring and surveillance
- Food safety communications
- Emergency investigation and response



INFOSAN
INTERNATIONAL FOOD SAFETY AUTHORITIES NETWORK

Ex: Strengthening multisectoral coordination in Kazakhstan

- Strengthen national and sub-national mechanisms for multi-sectoral coordination to address zoonotic diseases
- Clarify roles and responsibilities
- Stakeholder engagement plan
- 3-days workshop planned for Oct 2021



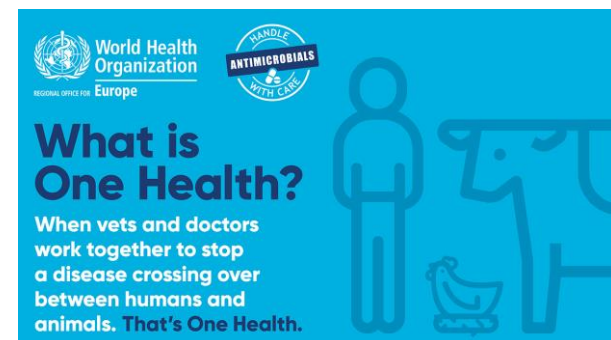
One health in the context of antimicrobial resistance

- Promote prudent and responsible use of antimicrobial agents;
- Harmonize AMR surveillance and global monitoring of usage of antimicrobials;
- Promote improved infection prevention and control measures
- Promote research and development of new antimicrobial agents, diagnostic and vaccines

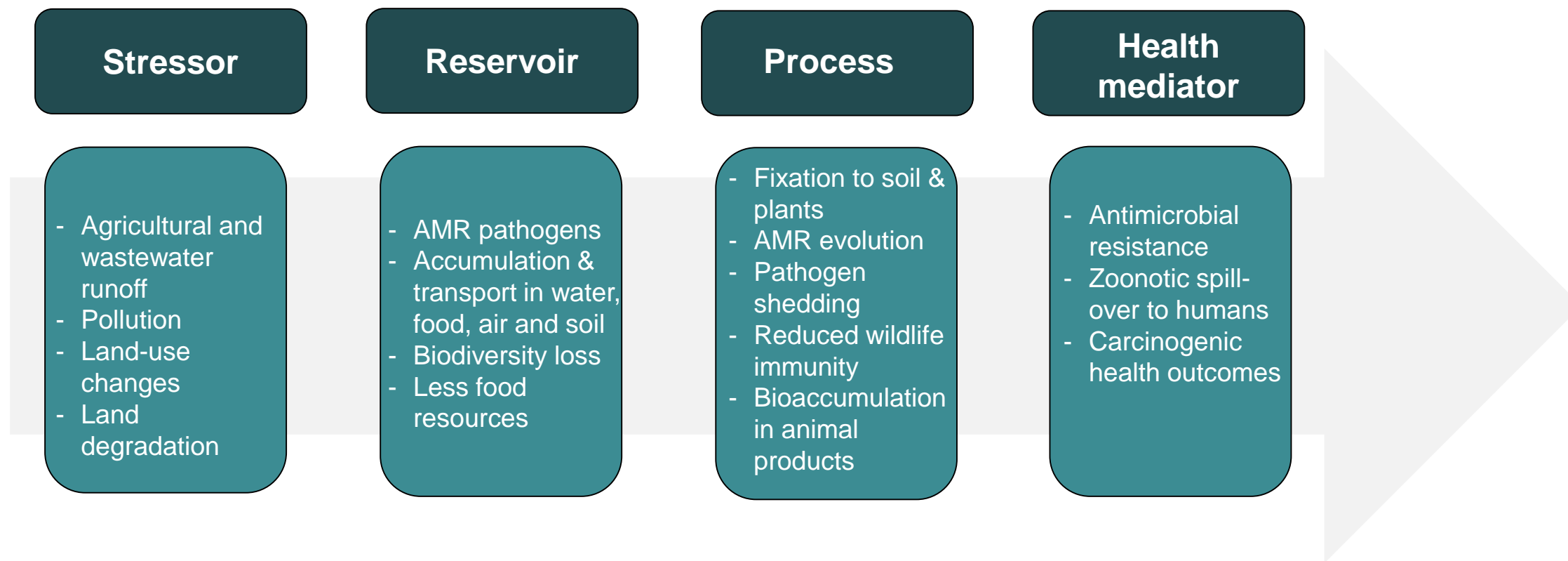


Antimicrobial resistance One Health efforts

- EURO AMR Working Group
- Joint Tripartite meetings
- National action plan development
- Joint awareness raising
 - World Antimicrobial Awareness Week
- Multi-partner Trust Fund projects
 - Tajikistan (2021)

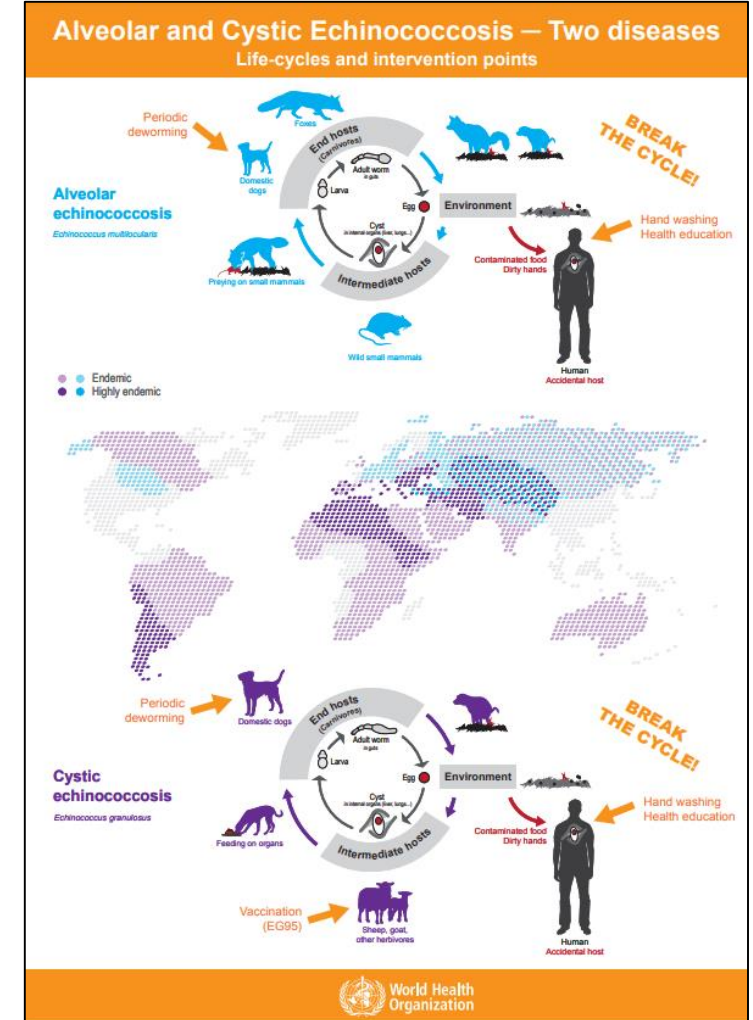


One Health in the context of environmental health



One Health in the context of Neglected Tropical Diseases (NTDs)

- Facilitate mass treatment of NTDs
- Promote integrated vector management
- Strengthen WASH programmes
- Support the development of veterinary public health strategies
- Provide and promote vaccination



The benefits are clear, but implementation can be challenging!

- Requires political cooperation and ownership
- Good intentions can show to be difficult to translate into joint planning, budgeting and implementation
- Risk of returning to business-as-usual once an immediate crisis is over (especially if externally funded or national structures are not adjusted)
- There is no “one-size-fits-all” at a country level
- Requires resources, skills, capacity and incentives



Thank you

hoejskovp@who.int