

PANORAMA One Health: Guidance for solution providers and reviewers

Criteria for solutions

When evaluating a possible new solution, the overarching criteria of PANORAMA should be adhered to, notably ensuring thematic relevance; impact; replicability and scalability. [See here](#) for further detail.

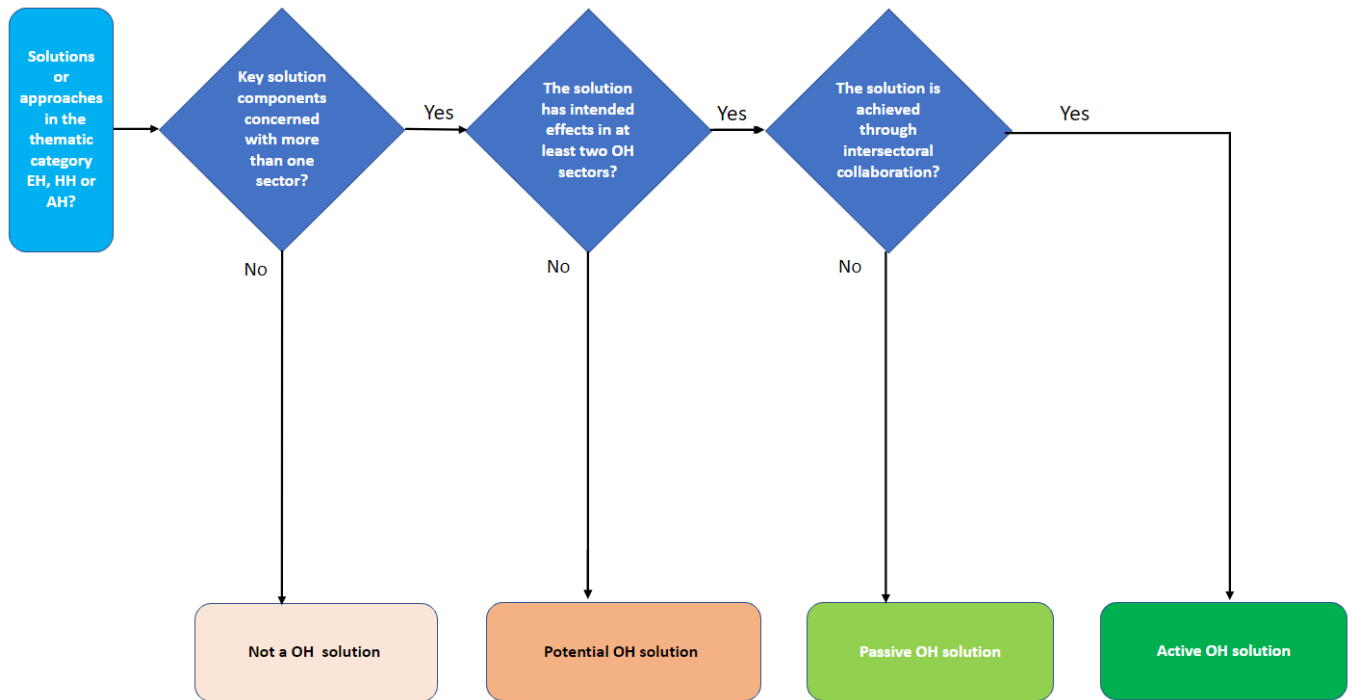
Principles of One Health solutions

We wish to promote good practice solutions and lessons learned that facilitate the implementation of a One Health approach through a project lens. The goal of publishing these solutions on the PANORAMA platform and promoting them actively is to facilitate an exchange of lessons learned and to improve and promote global accessibility to One Health solutions.

Generally, it should be ensured that the thematic community has a good balance between solutions focusing on the three different key One Health sectors.

The solutions being promoted should:

- involve outcomes in at least two of the three key One Health sectors (animal health, human health and environmental health)
- involve interdisciplinary and cross-sectoral approaches addressing the health dimension of the nexus between people, wild and domesticated animals, plants and their shared environment
- be holistic and consider the systems in which diseases develop and spread
- propose preventative solutions to reduce disease risk, increase resilience and preserve the health of people, animals and the environment alike
- generate synergies and lead to positive outcomes that would not be attained through mono-sectoral approaches.



NB: this decision-making tree is meant as a guideline and should be adjusted to the specific solution at hand; the underlying logic of the decision-making tree can be applied to the information provided to through the solutions template.

EH = environmental health; HH = human health; AH = animal health

A common understanding of One Health

The thematic community coordinators adopt the One Health High Level Expert Panel (OHHLEP) definition of One Health:

One Health is an integrated, unifying approach that aims to sustainably balance and optimize the **health of people, animals and ecosystems.**

It recognizes the health of humans, domestic and wild animals, plants, and the wider environment (including ecosystems) are closely linked and inter-dependent.

The approach mobilizes multiple sectors, disciplines and communities at varying levels of society to work together to foster well-being and tackle **threats to health and ecosystems,** while addressing the collective need for **clean water, energy and air, safe and nutritious food, taking action on climate change,** and contributing to **sustainable development.**

Based on the common understanding of the TC coordinators, key One Health topics that can be addressed by solutions include:

- **Antimicrobial resistance** (relevant to all three sectors)
- Water, air and land **pollution** and their links to NCDs, including the use of pesticides
- **Water, sanitation and hygiene;** water resource management; waste and water management and health links

- **Neglected tropical diseases, emerging infectious diseases and zoonoses** (spill-over, monitoring, detection and early warning, surveillance systems, risk mitigation), as well as pandemic prevention, preparedness and response
- The nexus between **biodiversity and health** (effects on diseases, vectors and links to non-communicable diseases)
- **Climate change** (adaptation and mitigation) and its effects on health, as well as the impacts of the One Health sectors on climate change
- **Disaster risk** reduction and management topics such as drought resistance and flooding and the impact on health?
- Good **governance of landscapes** and area-based conservation measures, including participatory land-use planning and decision-making, rangeland and pasture management, forest landscape management and restoration, protected area management
- **Health links to ecosystem** management, restoration and protection, ecosystem-based adaptation measures, nature-based solutions
- **Animal health**, animal welfare and animal husbandry practice, and veterinary services
- **Wildlife** trade; wildlife centres and human-wildlife conflicts
- **Food systems**, food security, food safety, sustainable agriculture and agroecology
- **Marine and Coastal Biodiversity** and the effects on health and sustainable fishery
- Health related aspects of **socio-economic factors** such as poverty education, social security structures, digitalisation, financing systems, human capacity development
- Public and veterinary **health systems strengthening**, laboratory infrastructure development, medical and diagnostic capacity development,
- Health related aspects of urbanisation, infrastructure, city planning, rural development traffic and energy
- Cross-sectoral collaboration, trans-disciplinarity, resilience, human rights, gender and cultural diversity are **key elements** of all One Health topics.
- Indigenous peoples and pastoralists rights, health concepts and livelihood protection.
- Migration and health
- Health in green recovery and green economy concepts
- Mainstreaming of One Health (health in all policies), awareness raising and education