Building Capacities through the PVS Pathway - Benefits for Members

Workshop on enhancing aquatic animal health and biosecurity

26-29 October 2025, Jeddah, Saudi Arabia

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World Organisation for Animal Health

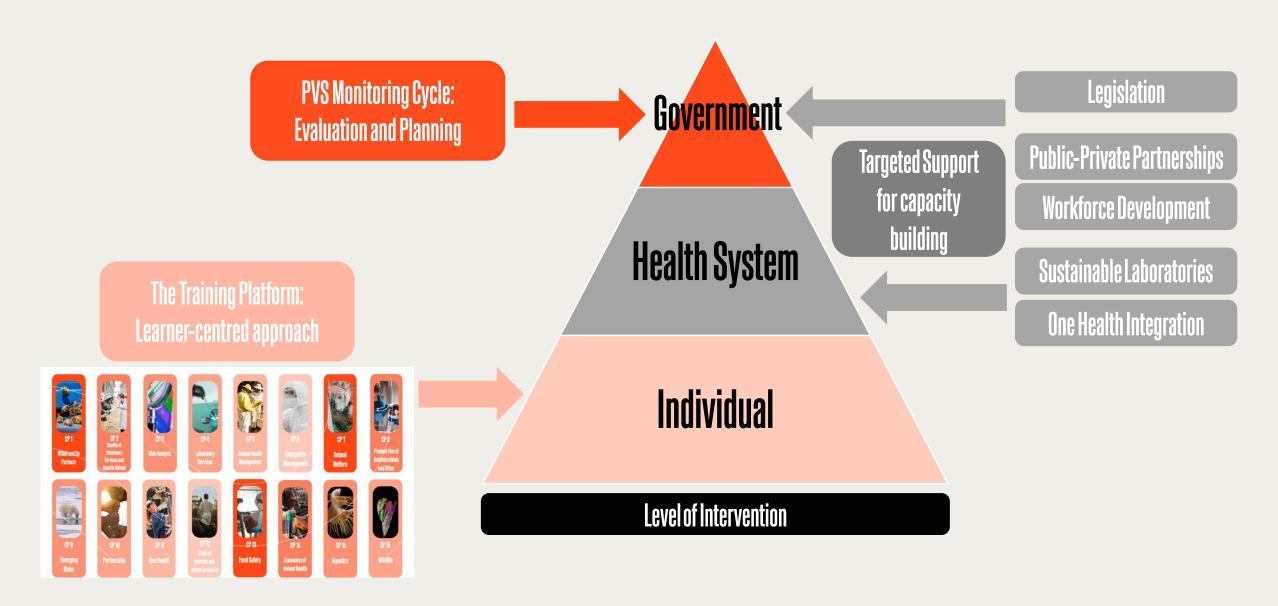
Organisation mondiale de la santé animale

Organización Mundial de Sanidad Animal





The WOAH Capacity Building Framework



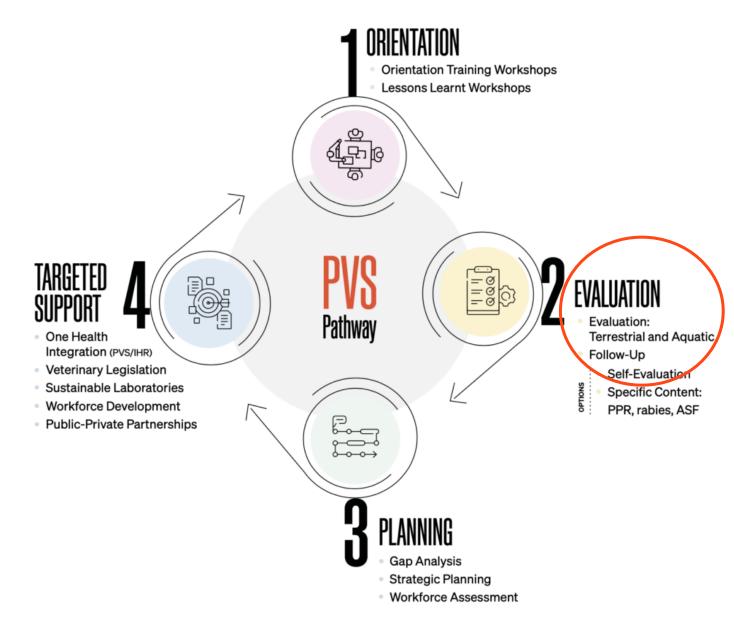


Performance of Veterinary Services (PVS) Pathway



Performance of Veterinary Services (PVS) Pathway

- Comprehensive, multi-staged process for sustainable planning and improvement of Veterinary Services' (VS) capacities
- Supports greater compliance with WOAH International Standards for animal health and welfare
- Each step corresponds to specific capacity-building activities
- Voluntary, country driven process targeting internal systems and resources for sustainability
- Strong uptake 148 countries, more than 500 reports



The PVS Evaluation

- External, independent view from PVS experts
- Based on facts and evidence
- Identifies weaknesses/strengths in complying with WOAH standards
- Suggests recommendations for improving VS/AAHS performance



Basis for establishing a routine monitoring and follow up mechanism on the overall level of performance over time

Long-term strengthening of 'horizontal' systems. The process targets capacity building





The PVS Pathway

More than a diagnostic instrument, the PVS Tool promotes a culture of raising awareness, continual improvement and good governance



- Improve understanding of all sectors including other administrations
- Develop national VS/AAHS strategic plans, establish priorities, commitment of public and private sectors



Specific **capacity building** needs for which WOAH can provide support: Laboratories, Legislation, Public Private Partnerships, Workforce Development, Veterinary Paraprofessionals...

Arguments presented give voice to challenges faced and resources needed by staff and stakeholders

Arguments presented give **credibility** to need for robust and functional national Veterinary and Aquatic Animal Health Services



Exposure to international expertise who have experience with different systems and their strengths and weaknesses gives mission participants opportunity to ask questions and advice

Improved transparency of sanitary status in view of intra-regional and international trade

Risk identification & Mitigation: Allows identification of weaknesses and intervention before they become major problems

Biosecurity, Prevention, & Preparedness: Allows reflection on opportunities to prevent undesired outcomes and be ready if they arise



How it can benefit WOAH Members

 Helping countries to identify priorities and present justifications when applying for national and/or regional financial support (PVS Gap Analysis)

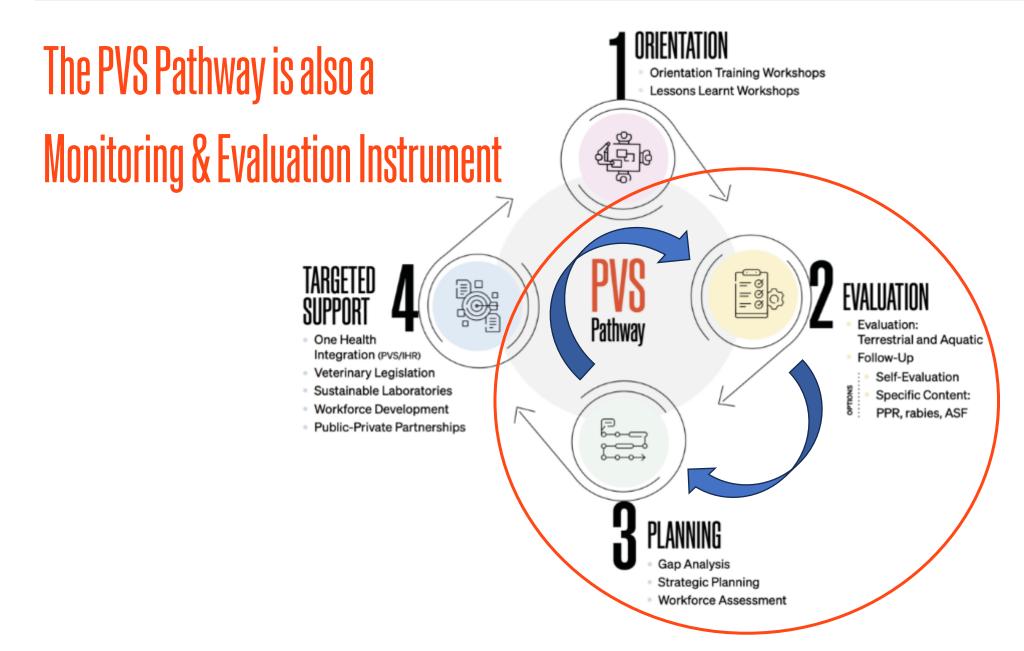
Why to invest in Aquatic Animal Health Service over other sectors...

PVS Pathway as an advocacy tool



 Helping to determine the benefits and costs of investing in VS/AAHS and identifying the actions and securing the investments that are needed to help improve compliance with the WOAH standards for Good Governance

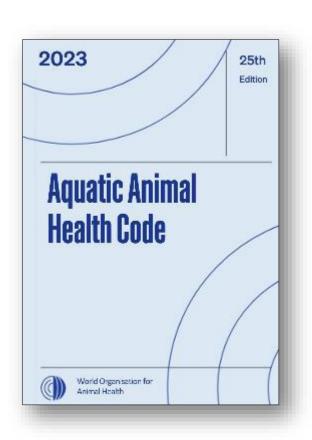


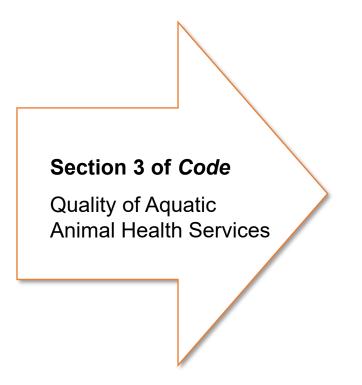


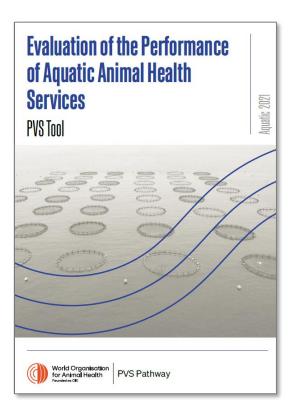


The PVS Tool

A tool for the Good Governance of Veterinary Services / Aquatic Animal Health Services







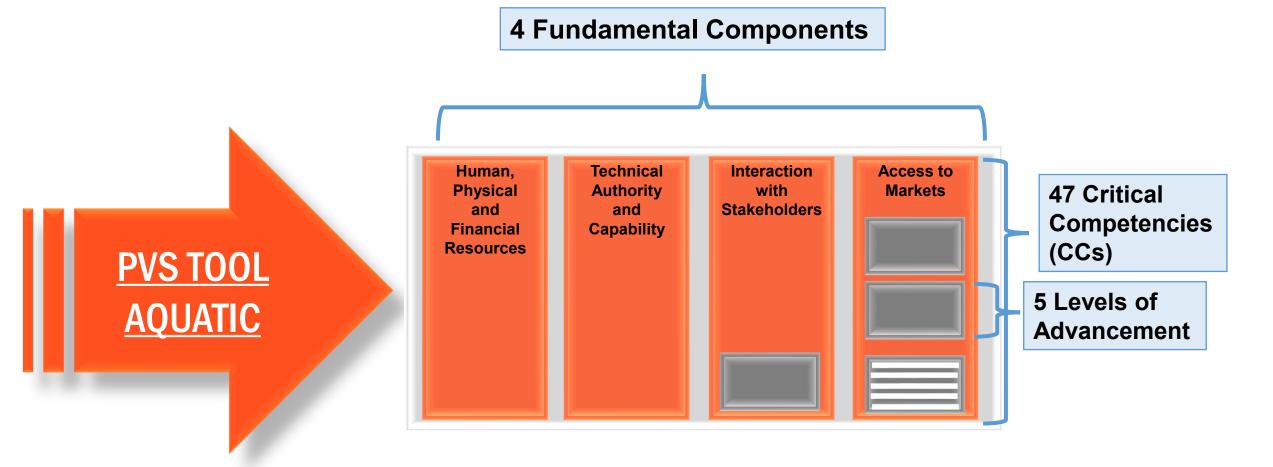


Scope of a PVS Evaluation mission: AAH Domain

The PVS Evaluation assesses the performance of all components of the Aquatic Animal Health Services. It includes all relevant stakeholders



PVS Evaluation





PVS Evaluation

- For each Critical Competency:
 - Level of advancement / Scoring 1-5
 - Progressive and complementary information related to the compliance with WOAH standards.
 - A higher level assumes compliance with all preceding levels
 - Findings
 - Strengths/weaknesses
 - Recommendations

PVS Evaluation Follow-Up Missions – to track progress in time

I-1. PROFESSIONAL AND TECHNICAL STAFFING OF THE AQUATIC ANIMAL HEALTH SERVICES (AAHS)

DEFINITION

The appropriate staffing of the AAHS to allow for veterinary and aquatic animal health professional functions to be undertaken efficiently and effectively.

A. Veterinarians or aquatic animal health professionals (university qualification)

LEVELS OF ADVANCEMENT

- The majority of positions requiring veterinary and aquatic animal health professional skills are not occupied by appropriately qualified personnel.
- The majority of positions requiring veterinary and aquatic animal health professional skills are occupied by appropriately qualified personnel at central and state/provincial levels.
- The majority of positions requiring veterinary and aquatic animal health professional skills are occupied by appropriately qualified personnel at local (field) levels.
- 4. There is a systematic approach to defining job descriptions and formal, merit-based appointment and promotion procedures for veterinarians and aquatic animal health professionals.
- 5. There are effective procedures for formal performance assessment and performance management of veterinarians and aquatic animal health professionals.



Level of advancement 2

Level of advancement 3

Level of advancement 4

Level of advancement 5 - Full compliance with WOAH Standards



I-2. Competencies of veterinarians or aquatic animal health professionals, and other technical personnel

The capability of the VS or AAHS to carry out their veterinary or aquatic animal health professional practices and technical functions; measured by the qualifications of their personnel.

A. Professional competencies of veterinary or aquatic animal health professionals (university qualification) including the OIE Day 1 competencies for veterinarians

Levels of advancement

- 1. The veterinarians' or aquatic animal health professionals' practices, knowledge and attitud that usually allow for elementa activities of the VS or AAHS.
- 2. The veterinarians' or aquatic practices, knowledge and attitud that usually allow for accurate administrative activities of the VS
- 3. The veterinarians' or aquatic practices, knowledge and attitude professional/technical activities epidemiological surveillance, early
- 4. The veterinarians' or aquatic practices, knowledge and attitude specialized activities as may be n
- 5. The veterinarians' or aquatic practices, knowledge and attiti updating, international harmonisa

Terrestrial and Aquatic Code reference(s): Annexe 1

Evidence (listed in Appendix 6): E1, E2, E6, E7, E11, E24, E25,

Findings:

Veterinarians are trained to meet Day 1 competencies in a wellin compliance with accreditation requirements of the EAEVE, weak curricula regarding the AAH sector.

Aquaculture engineers are strictly trained on production and not on disease prevention, detection or control. This is a major point of difference between professions. Establishments would prefer AAHP's do all health work, including health certification currently performed by a public veterinarian.

Weaknesses:

- Low recruitment rates of private veterinarians in aquaculture.
- Not clear definition and distinction between the responsibilities of veterinarians and aguaculture engineers (AAHP's) with regards to all aguatic animal health activities.
- Veterinary faculties have weak curricula regarding the Aquatic Animal Health sector.

Recommendations:

- > A clear definition and distinction between the responsibilities of veterinarians and aguaculture engineers (AAHP's) with regards to all aguatic animal health activities (also see recommendation CC III 5.A).
- Strengthen the legal role and responsibilities of veterinarians in aquaculture through clear AAHS policy.
- Veterinary curricular is expanded to accommodate more training in aquatic animal diseases, including offering post-graduate degrees for veterinarians wishing to specialise in aquatic animal health.
- AAHS would benefit by strengthening Day 1 competencies for veterinarian working in AAHS through improved university level curricula.
- > VSB should be clearly defined and its missions with a focus on education, licensing and activity on the field of veterinarians.

PVS Pathway Information System

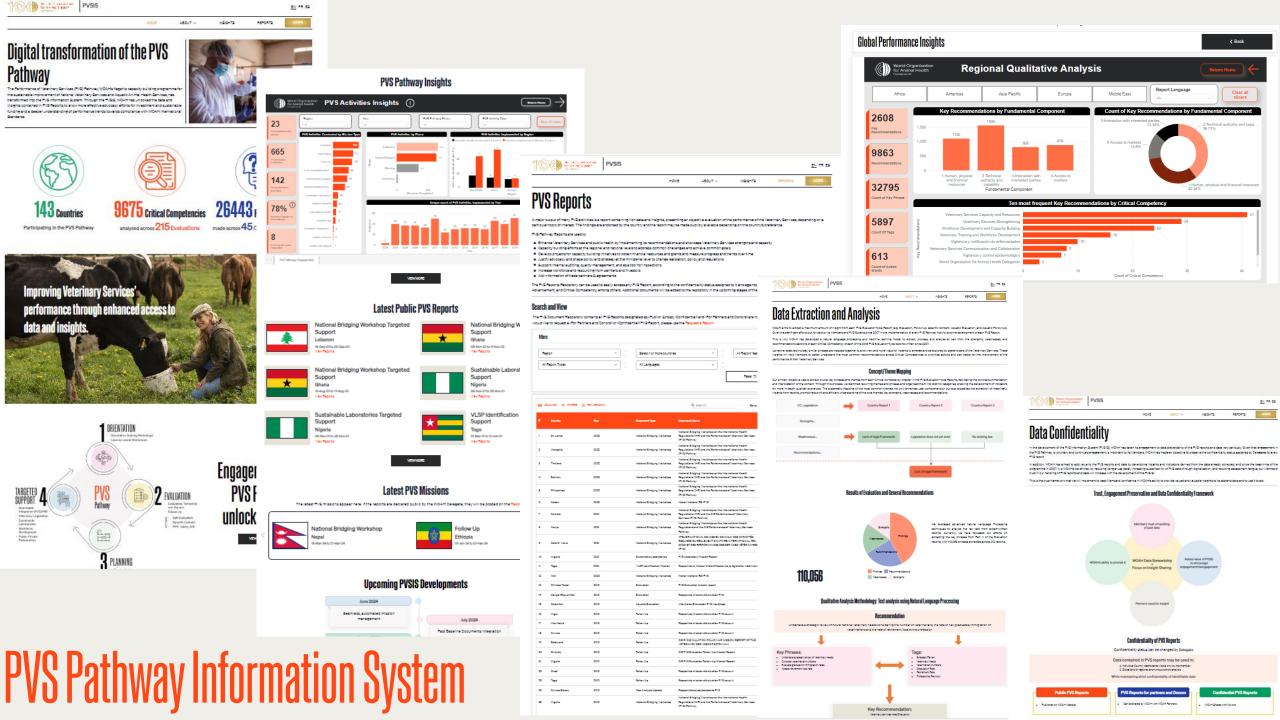
Benefits for Members



Easily accessible reports and insight

Faster flow of information

 Foundation built for future development





Top Recommendations Analysis - All Members Selected



Return Home

















submission of sanitary status reports to the World Organisation for

Animal Health, such as the one noticed for aquatic animal

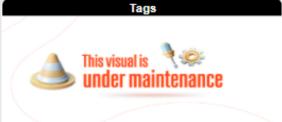
Clear All Slicers

27463
Total Recommendations







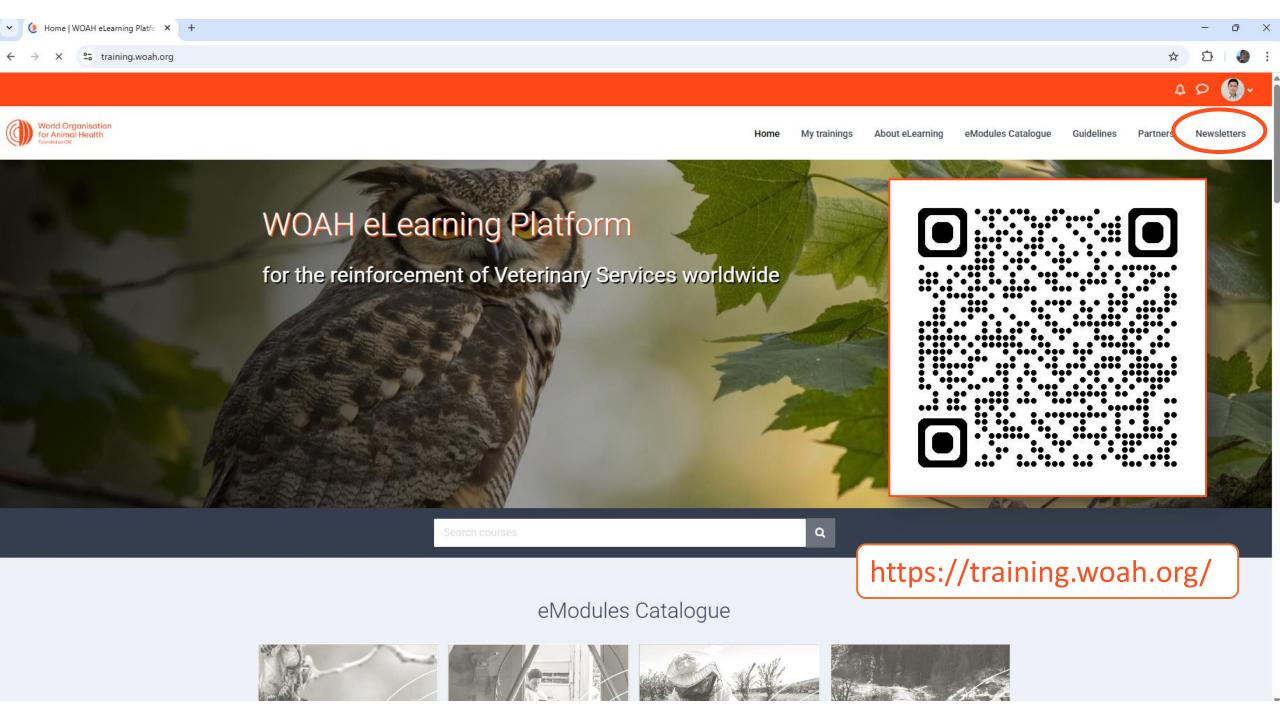




Searc	th Q X Most Frequent Umbrella I	△ X Most Frequent Umbrella Recommendations								
Recommendation	Improve Coordination of Aquatic Animal Health Activities						220			
Pen d	Ensure Aquaculture Training			70						
E O	Encourage producers to register and organize by type of product		45							
8	Promote training in fishery health		42							
<u>e</u>	Strict control of veterinary medicines		31							
Umbrella	Produce Biosecurity Manuals		29							
		0	50	100 Raw Recomn	150 nendations	200				

Sear	rch Q X Most Frequent Key Re	com	mmendations		
_	Provide specific AAH training for veterinarians and AAHPs in the				
Key Recommendation	Consider aquaculture zoning in the AAHS Strategic Plan		10		
	Develop a coordination mechanism for aquatic animal health iss		9		
	Review and update the national List of Dangerous Animal Disea		9		
	Develop a strategic plan to improve Aquatic Animal Health Servi		8		
	Develop aquatic animal disease requirements for food safety co		8		
	Extend food safety surveillance to all aquaculture production pre		8		
		0	: : : : 5 10 15		
		Raw Recommendations			

Search 오 X Recor	nmendations Extracted From WOAH Report(s)
Critical Competency	Raw Text
II-12.B Identification, traceability and control of aquatic animal products	Bureau of Fisheries and Aquatic Resources should conduct a risk analysis on the need and feasibility of a national movement control system under the existing administrative structure.
II-5 Emergency preparedness and response	Carry out at least one simulation to test the contingency plan for shrimp farms.
I-5 Planning, Sustainability, and Management of Policies and Programmes	Consider the implementation of a systematic process for monitoring and evaluation of policies and programmes.
II-12.A Aquaculture establishment identification, batch and aquatic animal movement control	Continue to reinforce collaboration between the aquaculture industry and Belize Agricultural Health Authority.
III-6 Participation of producers and other stakeholders in joint programmes	Develop a list of existing interested parties;
IV-5 Transparency	Develop an internal verification procedure to avoid delays in the



WOAH eModules catalogue

eModules

Overview





About the eModule Catalogue

A growing collection of online training modules developed under the WOAH Competency-based Training Framework (CBTF), aligned with WOAH Terrestrial and Aquatic Codes, Manuals, and Guidelines



Competency Packages





























Stewardships on AMR in aquatic animals- Available





Stewardships on AMR in aquatic animals

This module focuses on antimicrobial use in aquatic animal production, this module outlines proper stewardship practices, legislative frameworks, and monitoring strategies to mitigate AMR risks.

Duration: 2 hours

Enrollment method: self-enrolment

Level: Day 2



Stewardships on AMR under One Health approach

This module emphasizes the global impact of AMR and the importance of a coordinated One Health response. It covers responsible antimicrobial use across human, animal, and environmental health sectors, aligning with international frameworks

Duration: 3 hours

Enrollment method: self-enrolment

Level: Day 1 and VPP



Building a national AMR Action Plan (NAP) focused on the terrestrial and aquatic ani...

This module equips professionals with the knowledge and tools to design, implement, and monitor a National Action Plan (NAP) for AMR. It covers governance, cross-sectoral coordination, and evaluation metrics

Duration: 4 hours

Enrollment method: self-enrolment

Level: Expert



Thank you!

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