



One Health Society.

Building a Resilient One Health Workforce

Inaugural cohort of the One Health Approach in Pandemic Preparedness
and Response short course



8 - 12 June 2026



MUHAS, Dar es Salaam, Tanzania



Acknowledgments

The successful completion of Cohort 1 of the One Health Approach in Pandemic Preparedness and Response short course marks an important first step towards strengthening multidisciplinary capacity for pandemic preparedness and response in Tanzania. This achievement was made possible through the commitment of the 14 participants who brought diverse professional experiences, perspectives and enthusiasm to the learning journey.

Our sincere appreciation goes to Muhimbili University of Health and Allied Sciences (MUHAS), our partner and host institution, for its support in making this inaugural course possible. We are grateful to the course facilitators, Prof. Japhet Killewo, Prof. Raphael Z. Sangeda, Dr. Salum Manyatta, Dr. Vida Makundi, Dr. Eblate Ernest Mjingo, and Dr. Elibariki Mwakapeje, whose expertise and contributions brought together diverse perspectives on One Health, pandemic preparedness and response.

We also acknowledge the National Public Health Laboratory, the Julius Nyerere International Airport Port Health Unit and the Dar City Abattoir for supporting the field based learning component of the course and giving participants the opportunity to connect classroom learning with real world practice.

Special recognition goes to the One Health Society team for coordinating the planning, delivery, monitoring and documentation of this inaugural cohort and to all those who contributed to the course behind the scenes. Together, Cohort 1 marks an important beginning in building a stronger, more connected and better prepared One Health workforce in Tanzania.

A Message from the Executive Director

The world has learned that pandemics are not merely health emergencies, they are governance, workforce and collaboration challenges. Our ability to prevent, detect and respond to emerging threats depends not only on the technologies we possess, but on the people we prepare.

At One Health Society, we believe a resilient health system begins with a workforce that understands the interconnectedness of human, animal and environmental health. Cohort 1 reaffirmed that this investment is worthwhile: beyond measurable gains in knowledge, it created new relationships, strengthened institutional trust and generated genuine momentum for long-term collaboration.

This report is not the conclusion of our journey, it is the beginning. We invite governments, academic institutions, development partners, civil society and the private sector to join us in building a workforce that is technically competent, collaborative and prepared to protect the health of future generations.



Mr. Hamisi Rashid Msagama

Executive Director, One Health Society Tanzania

“

The strongest health systems are built long before the next outbreak begins. They are built through people, partnerships and purposeful investment.

ABOUT US

One Health Society

One Health Society (OHS) is a registered non-governmental organization strengthening health systems by addressing complex, interconnected health challenges at the interface of human, animal and environmental health.

OHS applies a multisectoral, evidence informed approach, integrating grassroots community engagement, capacity strengthening, research and policy advocacy to improve health outcomes at local, national and global levels.

Recognizing that resilient health systems depend on a competent workforce, OHS invests in practical learning programmes equipping professionals with the knowledge, skills and networks needed to respond to current and future health challenges.



The One Health Approach in Pandemic Preparedness and Response short course is one of OHS's flagship capacity building initiatives translating One Health principles into practical action tailored to Tanzania's health system.

ESTABLISHED 2019 · TANZANIA



STRATEGIC FOCUS AREAS



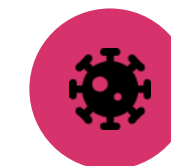
Antimicrobial Resistance (AMR)



Neglected Tropical Diseases (NTDs)



Climate Related Health Threats



Pandemic Preparedness & Response

Why This Course

Emerging infectious diseases, antimicrobial resistance, climate change and growing human animal interactions continue to threaten global health security, challenges that originate at the interface of people, animals and the environment and demand coordinated, cross-sectoral responses.

Although the One Health approach has gained global recognition, practical implementation remains limited. Professionals continue to be educated and to work within isolated sectors, reducing opportunities for coordinated preparedness.



Aligned With National Policy

Developed in line with Tanzania’s One Health Strategic Plan (2022 - 2027)

COURSE OBJECTIVES

- ✔ Strengthen understanding of the One Health concept and its role in pandemic preparedness
- ✔ Build competencies in multisectoral collaboration and coordinated decision-making
- ✔ Improve knowledge of surveillance systems, early warning and joint risk assessment
- ✔ Deepen understanding of national and global One Health policy frameworks
- ✔ Enhance practical skills through field based learning and real world exposure
- ✔ Promote networking and collaboration among professionals across sectors

Course at a Glance

Five intensive days · Three classroom days · Two field-based days · One interdisciplinary cohort

14

Professionals
Trained

43

Applications
Received

6

Expert
Facilitators

3

Field Visit
Sites

5

Days of
Learning



Every professional who joined Cohort 1 represented a senior, cross-sectoral role which is a strong signal of institutional demand for coordinated pandemic preparedness capacity in Tanzania.

The Five Day Learning Journey

DAY 1
8 June

- Course launch
- Pre-course assessment
- One Health concepts & policy frameworks

DAY 2
9 June

- Pandemic history & lessons
- Surveillance & early warning systems
- Joint outbreak response

DAY 3
10 June

- Wildlife surveillance
- Genetic epidemiology
- Private sector & community role

DAY 4
11 June

- Extensive discussion & synthesis
- Field visit: Dar City Abattoir
- Site: Vingunguti, Dar es Salaam

DAY 5
12 June

- Field visit: JNIA Port Health & NPHL
- Group presentations
- Post-course assessment & certificates

Field-Based Days

Who Participated

The first cohort brought together a highly diverse group of professionals committed to strengthening pandemic preparedness and response in Tanzania through the One Health approach among the most senior, cross-sectoral profiles OHS has trained to date.



8

WOMEN

6

MEN

SECTORS REPRESENTED

-  National & regional government institutions
-  Development partners & diplomatic missions
-  International non-governmental organizations
-  Academic & research institutions
-  Regional & district hospitals
-  Private health sector
-  One Health Society

REGIONS REPRESENTED

- Dar es Salaam
- Dodoma
- Kigoma
- Kilimanjaro
- Manyara

Meet the Facilitators

A multidisciplinary faculty of six senior experts delivered integrated teaching across human, animal and environmental health systems.

Prof. Japhet Killewo

Professor of Epidemiology, MUHAS

Prof. Raphael Z. Sangeda

Professor of Pharmaceutical Microbiology, MUHAS

Dr. Salum Manyatta

Assistant Director, One Health Section, Prime Minister’s Office

Dr. Vida Makundi

Assistant Director, Epidemiology Section, Ministry of Health

Dr. Eblate Ernest Mjinga

Director General, Tanzania Wildlife Research Institute (TAWIRI)

Dr. Elibariki Mwakapeje

One Health Technical Officer, FAO-Tanzania

Learning Approach

Over five intensive days, participants engaged in complementary learning methods that supported different styles of learning and translated into practical, institution ready skills.



Interactive Lectures



Case Studies



Group Work



Field Visits



Reflection



Assessments



The approach enabled participants to gain new knowledge and develop practical skills directly applicable within their own institutions.



Field Learning in Action

Two field based days took participants beyond the classroom into the sites where One Health coordination happens in practice.



Dar City Abattoir, Vingunguti



JNIA Port Health Unit



National Public Health Laboratory (NPHL)



Reviewing field response protocols



90% of participants rated the field visit component as the highest value part of the course. The direct exposure to abattoir surveillance, port health screening and national laboratory systems made One Health coordination tangible.

Results and Course Satisfaction

COHORT AVERAGE SCORE

76.4% → 84.6%

PRE COURSE

POST COURSE

+10.6pp KNOWLEDGE GAIN

100%

Would recommend
the course

90%

Met or exceeded
their expectations

90%

Rated the field visit
highest

“

Every participant who completed the assessment left knowing more than when they arrived and 100% said they would recommend this course to a colleague.

Voices from Participants

The most meaningful measure of success is found in the experiences of those who participated

“

Thank you very much for the knowledge I have gained a lot.

— Cohort 1 Participant

“

Extremely good set of facilitators today, practical, gurus and experts.

— Cohort 1 Participant

“

The course was smooth and effective. I learned and improved my perspective on One Health and the grounds we can cover.

— Cohort 1 Participant

PARTICIPANTS ARE ALREADY PUTTING IT TO WORK



Supporting regional RHMT/CHMT on eIDSR reporting quality and surveillance capacity



Reprioritizing institutional resources toward early warning systems, not just outbreak response



Educating fellow clinicians on pandemic preparedness, surveillance and joint response principles

Certification & Recognition



On completion of the five day programme, all participants who finished the assessment were formally recognized with a Certificate of Participation from MUHAS’s Directorate of Continuing Education and Professional Development.

The ceremony brought together facilitators, university leadership and participants, marking both individual achievement and the launch of a growing network of One Health professionals.



100%

Course completion among the final cohort

Emerging Partnerships

Cohort 1 created new opportunities for institutional collaboration which emerged directly through participant engagement, facilitator involvement and interactions during the course.



Prof. Japhet Killewo (MUHAS)

Personally initiated a partnership discussion with OHS on AMR and One Health programme development.



National Public Health Laboratory

Indicated interest in continued collaboration beyond serving as a field learning site.



Prime Minister’s Office (One Health Coordination)

Invited OHS to help deliver the course to the wider One Health workforce nationally.



Tanzania Wildlife Research Institute (TAWIRI)

Expressed willingness to formalize collaboration through a Memorandum of Understanding.



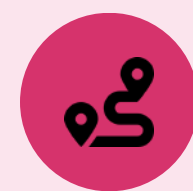
MUHAS

Initiated partnership discussions on One Health and AMR, open to an MoU for future course delivery.



What Comes Next

Cohort 1 gave us a clear, evidence informed foundation for Cohort 2 and beyond, we are committed to building on the achievements and expanding reach



Expanding the Reach

- Formalize partnership MoUs with MUHAS, TAWIRI and NPHL
- Expand future cohorts into regions across Tanzania
- Follow up with participants on workplace application of learning

Contacts & Partners



ONE HEALTH SOCIETY (OHS)

Tanzania



www.ohs-health.org



ps@ohs-health.org



+255 710 896 052

KEY PARTNER



Muhimbili University of Health and Allied Sciences (MUHAS)



P.O. Box 65001, Dar es Salaam, Tanzania



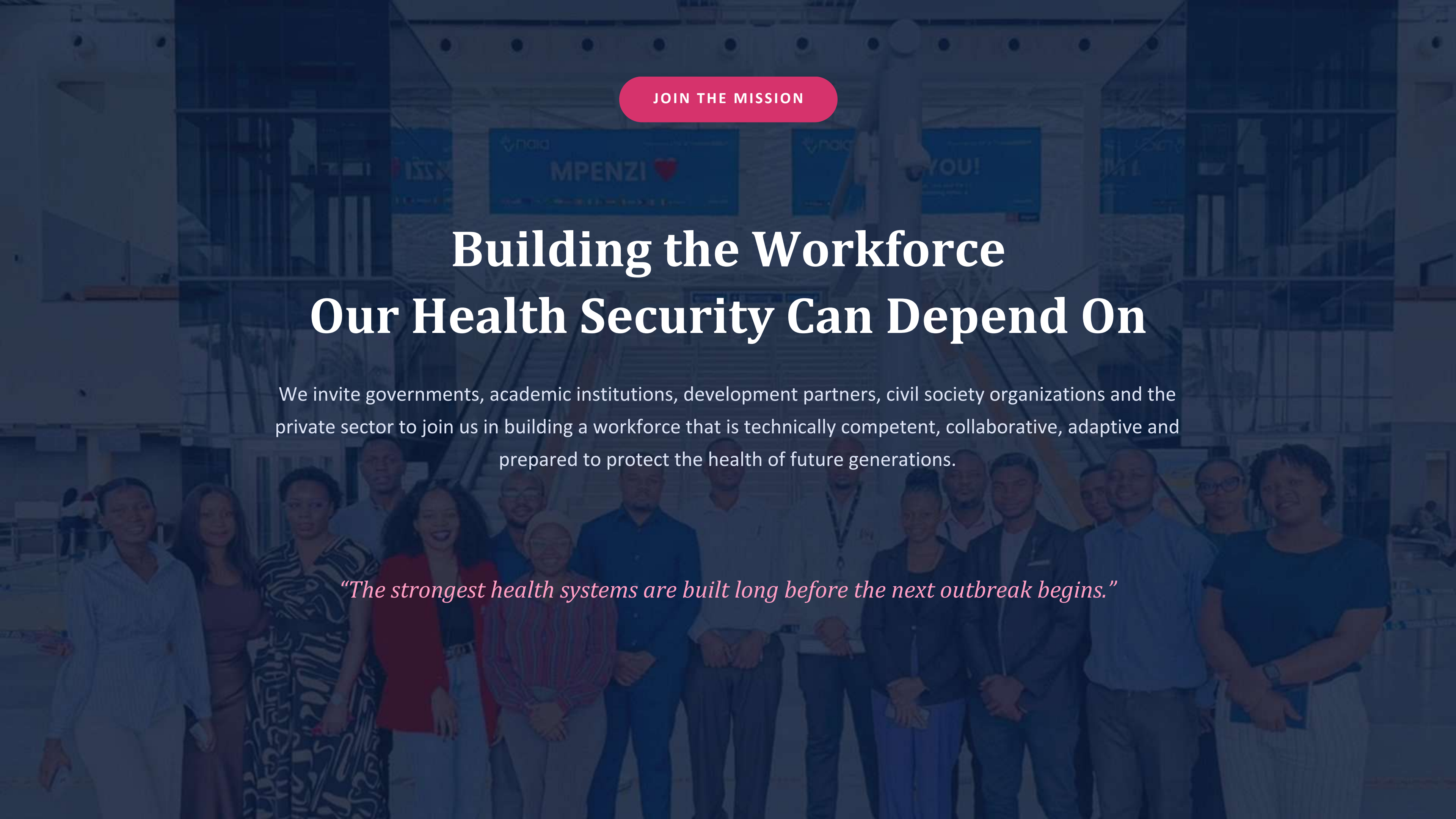
vc@muhas.ac.tz



+255 22 2150473



www.muhas.ac.tz

A group of approximately 15 diverse professionals, including men and women of various ethnicities, are standing in two rows in front of a modern building. The building has large glass windows and banners that read 'MPENZI' and 'YOU!'. The image is overlaid with a dark blue semi-transparent filter.

JOIN THE MISSION

Building the Workforce Our Health Security Can Depend On

We invite governments, academic institutions, development partners, civil society organizations and the private sector to join us in building a workforce that is technically competent, collaborative, adaptive and prepared to protect the health of future generations.

“The strongest health systems are built long before the next outbreak begins.”