

TOGETHER FOR ONE HEALTH

Strategic Framework for collaboration on antimicrobial resistance



Food and Agriculture
Organization of the
United Nations



World Health
Organization



TOGETHER FOR ONE HEALTH

Strategic Framework for collaboration on antimicrobial resistance



Food and Agriculture
Organization of the
United Nations



WORLD ORGANISATION
FOR ANIMAL HEALTH



World Health
Organization



environment
programme

Strategic framework for collaboration on antimicrobial resistance – together for One Health

ISBN (WHO) 978-92-4-004540-8 (electronic version)

ISBN (WHO) 978-92-4-004541-5 (print version)

ISBN (FAO) 978-92-5-135818-4

ISBN (OIE) 978-92-95121-21-8

© World Health Organization (WHO), Food and Agriculture Organization of the United Nations (FAO) and World Organisation for Animal Health (OIE), 2022

All rights reserved. WHO, FAO and OIE encourage the reproduction and dissemination of material in this information product. Any proposed reproduction or dissemination for non-commercial purposes will be authorized free of charge upon request, provided the source is fully acknowledged. Any proposed reproduction or dissemination for resale or other commercial purposes, including educational purposes, is prohibited without the prior written permission of the copyright holders, and may incur fees.

Suggested citation. WHO, FAO, OIE, UNEP. Strategic framework for collaboration on antimicrobial resistance – together for One Health. Geneva: World Health Organization, Food and Agriculture Organization of the United Nations and World Organization for Animal Health; 2022. Licence: [CC BY-NC-SA 3.0 IGO](https://creativecommons.org/licenses/by-nc-sa/3.0/).

Requests for permission to reproduce or translate WHO publications – whether for sale or for non-commercial distribution – should be addressed to WHO Press through the WHO web site <https://www.who.int/copyright>.

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization (WHO), the Food and Agriculture Organization of the United Nations (FAO) or of the World Organisation for Animal Health (OIE) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or products of manufacturers, whether or not these have been patented, does not imply that these are or have been endorsed or recommended by WHO, FAO and OIE in preference to others of a similar nature that are not mentioned. The published material is being distributed without warranty of any kind either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO, FAO and OIE be liable for damages arising from its use. The views expressed herein are those of the authors and do not necessarily represent those of WHO, FAO, OIE.

Publications of the World Health Organization are available on the WHO web site www.who.int or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland. Tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int.

FAO information products are available on the FAO website www.fao.org/publications and can be purchased through Publications-sales@fao.org

Publications of the World Organisation for Animal Health are available either on the OIE web site www.oie.int or can be purchased through the OIE online bookshop www.oie.int/en/ebookshop/.

CONTENTS

FOREWORD	1
1 INTRODUCTION	2
1.1 Purpose and scope	2
1.2 Advancing a One Health response to AMR	2
1.3 Methodology	2
1.4 Monitoring and evaluation	2
2 THE TRIPARTITE AND UNEP COLLABORATION	3
2.1 Background	3
2.2 Comparative advantage	4
3 THE STRATEGIC FRAMEWORK	6
3.1 Overview	6
3.2 Goal and objectives	6
3.3 Towards country impact	7
3.4 Intermediate outcomes: Tripartite and UNEP work in countries and at global and regional levels	9
3.5 Assumptions and risks	12
4 IMPLEMENTATION ARRANGEMENTS	13
ANNEX - AMR STRATEGIES AND ACTIVITIES OF THE ORGANIZATIONS	14

FOREWORD

This strategic framework on antimicrobial resistance represents an important milestone in the decades-long history of collaboration between the Tripartite organizations - a collaboration that now is even stronger as a result of our close engagement with the United Nations Environment Programme. The framework sets out for the first time what our organizations - as leaders in the multilateral system on human, animal, plant and environmental health - will do jointly to support countries' efforts to scale up national responses to antimicrobial resistance. We strongly encourage all countries and our many partners to replicate and amplify the One Health approach used in the framework, based on their own contexts and needs.

Pandemic prevention and preparedness are at the top of everyone's mind as the world continues to tackle the COVID-19 pandemic. During this time, however, the threats posed by the silent pandemic of antimicrobial resistance to human, animal and plant health, and food production and the environment have not ceased and are steadily growing.

More than ever before, we know that addressing the interlinked and multi-faceted challenges posed by antimicrobial resistance requires that we work together - across sectors, government, academic disciplines, civil society, the private sector, and in the multilateral system - to advance a One Health approach.

We look forward to further strengthening collaboration among our four organizations and with our partners as we work to implement the framework in the coming years. Most importantly, we hope that by leveraging our organizations' respective resources and strengths that the multilateral system will make a strong contribution to results and impact across all sectors as the world strives to prevent and mitigate the impact of antimicrobial resistance.



QU Dongyu

Director-General

Food and Agriculture
Organization of the United
Nations

Monique Eloit

Director-General

World Organisation for
Animal Health

**Tedros Adhanom
Ghebreyesus**

Director-General

World Health Organization

Inger Andersen

Executive Director

United Nations
Environment Programme

1 INTRODUCTION

1.1 Purpose and scope

This Strategic Framework:

- Presents the background and context for the collaboration between the Food and Agriculture Organization of the United Nations (FAO), the World Organisation for Animal Health (OIE) and the World Health Organization (WHO) ("the Tripartite") with the United Nations Environment Programme (UNEP) on antimicrobial resistance (AMR);
- Describes the comparative advantage and catalytic role of the four organizations in the One Health response to AMR in support of efforts by their Members, civil society, the private sector and other stakeholders; and
- Presents a theory of change including the goals, objectives, desired impact at country level, intermediate outcomes and related Tripartite and UNEP functions.

The Strategic Framework is intended to reflect the joint work of the four organizations to advance a One Health response to AMR. This joint work will be described in detail in biennial Tripartite and UNEP work plans based on this Strategic Framework, the first of which will be developed for the period 2022–2023. In some cases, advancing the One Health response to AMR also involves ensuring that sector-specific work undertaken by the organizations individually is coherent and well-coordinated in line with their respective organizational strategies and mandates (See Annex).

1.2 Advancing a One Health response to AMR

AMR represents a major global threat across human, animal, plant, food, and environmental sectors. Limiting the emergence and spread of resistant pathogens is critical to preserving the world's ability to treat diseases in humans, animals, and plants, reduce food safety and security risks, protect the environment and maintain progress towards the Sustainable Development Goals, including those on poverty, hunger, health and well-being, inequality, clean water and sanitation, work and economic growth, sustainable consumption and production, and partnerships.

Because AMR has multiple drivers and needs to be tackled on many fronts, a One Health approach is essential to ensure that all sectors and stakeholders communicate and work effectively together.

One Health is an integrated, unifying approach that aims to achieve optimal and sustainable health outcomes for people, animals, and ecosystems. It recognizes that the health of humans, domestic and wild animals, plants, and the wider environment (our ecosystems) are closely linked and inter-dependent. Inherent in the approach is the mobilization of multiple sectors, disciplines and communities at all levels of society to work together to tackle threats to health and ecosystems, while addressing our collective needs for healthy food, water, energy and air, taking action on climate change, and promoting sustainable development. The Tripartite and UNEP collaboration on AMR and this Strategic Framework are grounded in advancing the One Health approach.

1.3 Methodology

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_30968

