



Food and Agriculture  
Organization of the  
United Nations

SUSTAINABLE  
DEVELOPMENT  
GOALS



## FAO's program on AMR

Supporting innovation and resilience  
in food and agriculture sectors

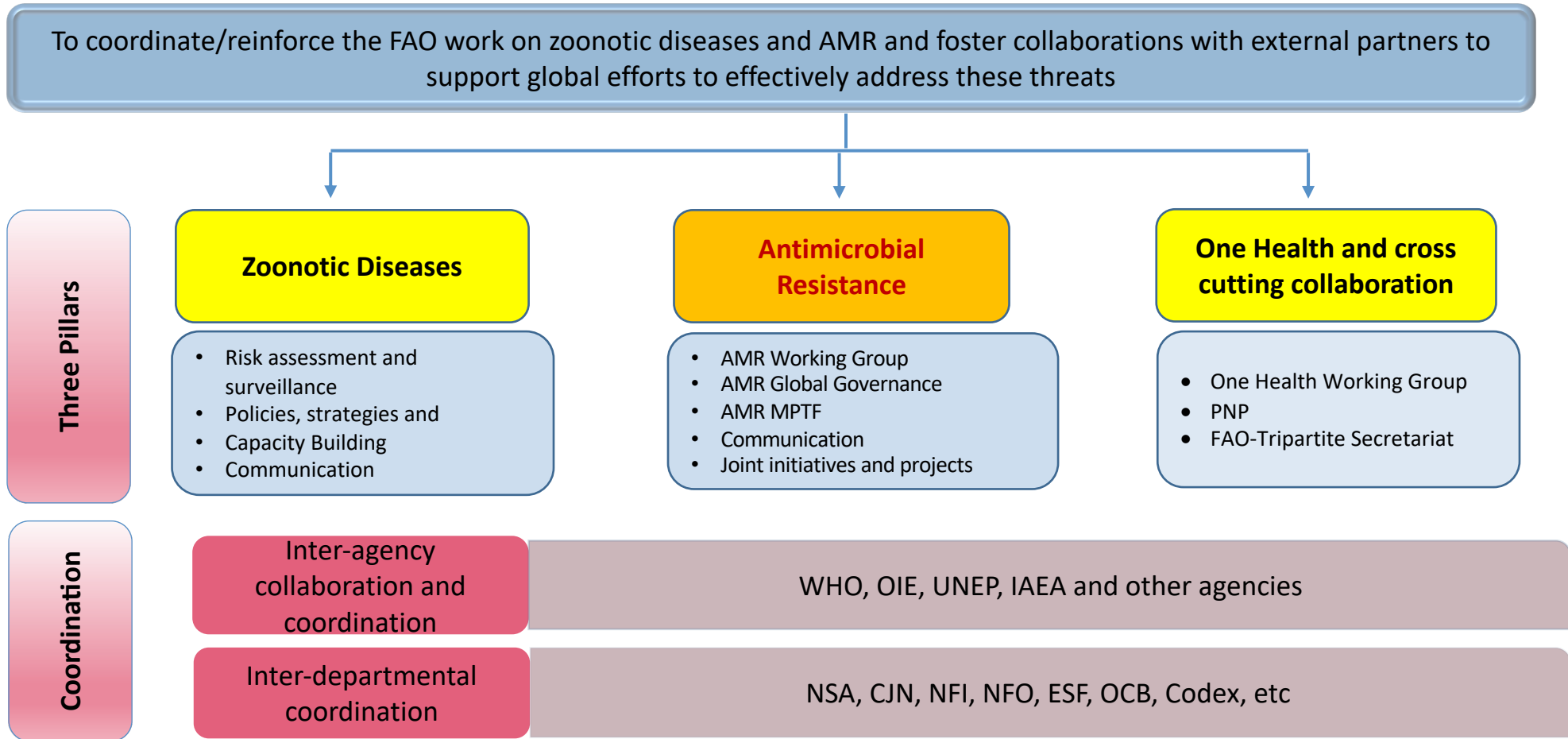
Keith Sumption

CVO FAO

Working for  #ZeroHunger



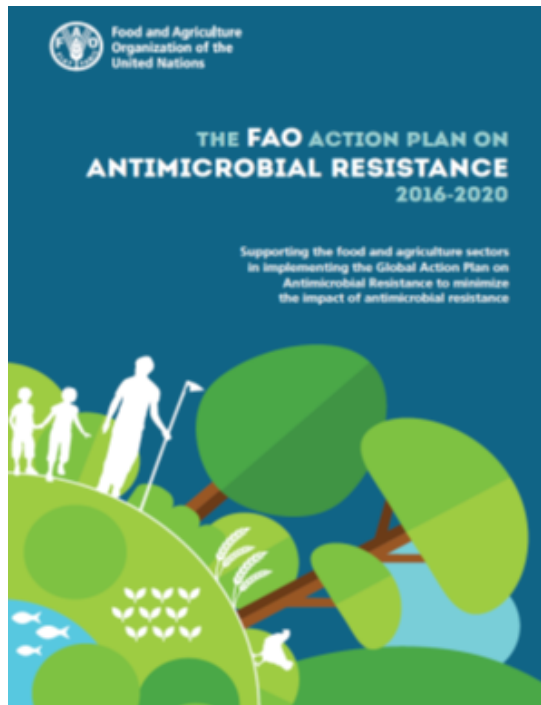
## The Joint FAO/WHO Centre (CODEX Food Standards and Zoonotic Diseases)



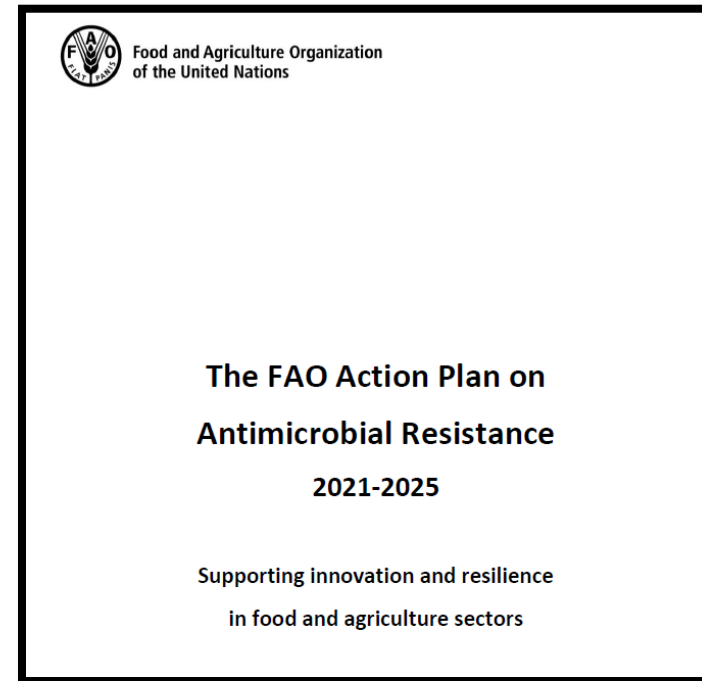


## Transition to the new Action plan on AMR 2021-2025

### The FAO Action Plan on AMR 2016-2020



### Draft proposal for the Action Plan on AMR 2021-2025





### □ FAO's goals and vision on AMR

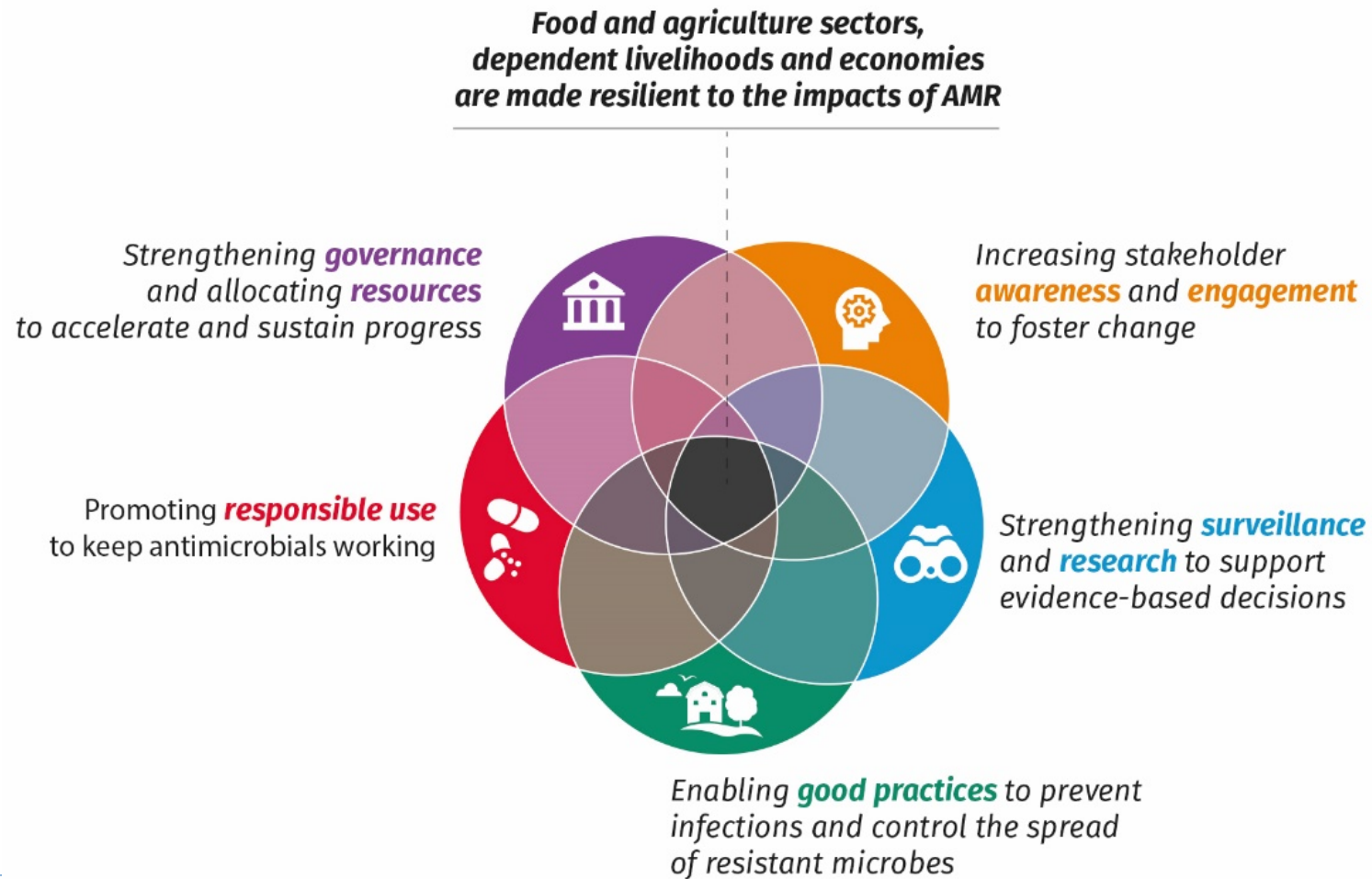
1. Reduce AMR levels and slow the emergence and spread of resistance across the food chain and for all food and agriculture sectors
2. Preserve the ability to treat infections with effective and safe antimicrobials to sustain food and agriculture production



**FAO and partners will better protect food systems, livelihoods and economies from the destabilizing effects of AMR**

## Proposal for the new Action plan on AMR 2021-2025

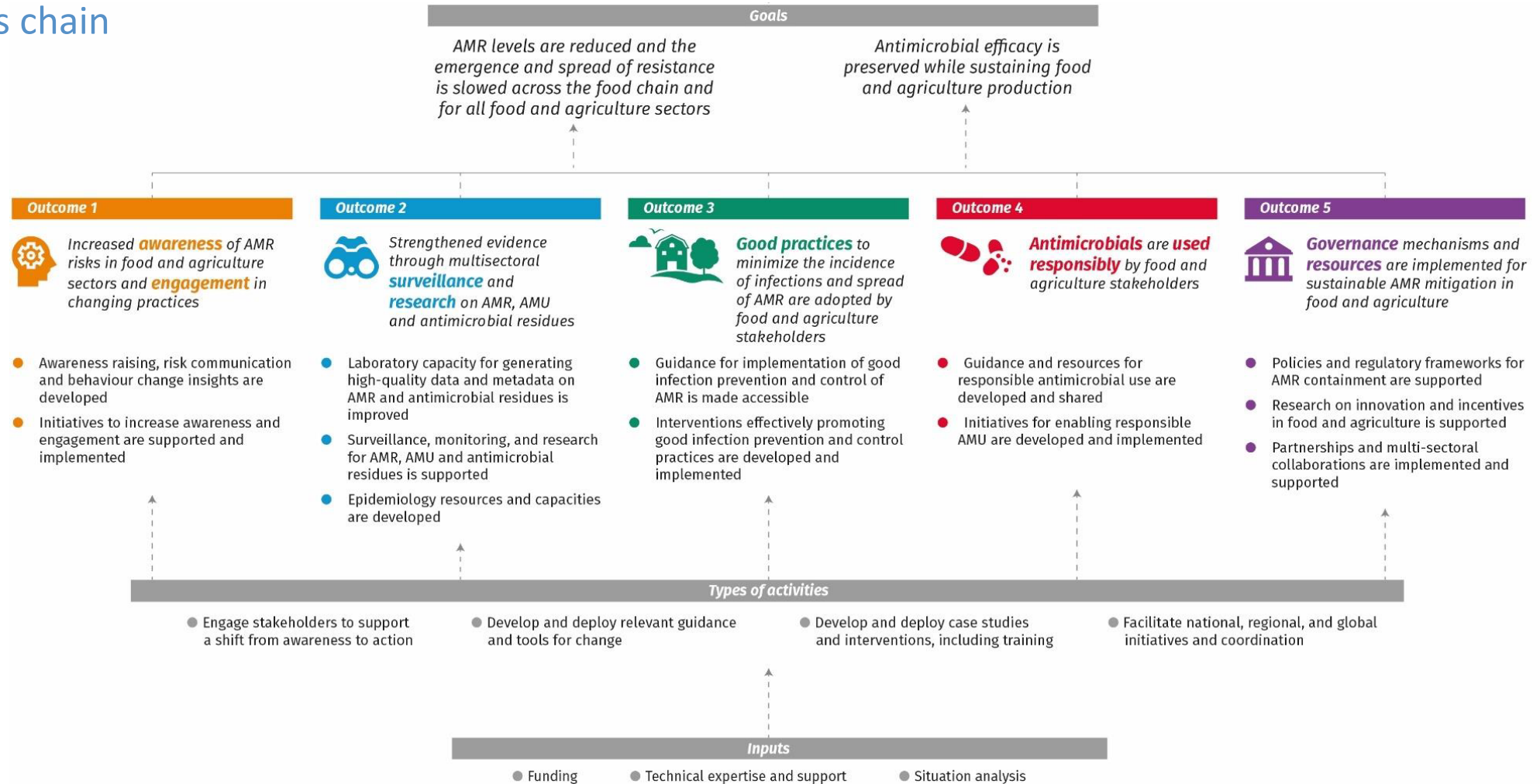
### □ The 5 objectives to meet goals and vision





# Proposal for the new Action plan on AMR 2021-2025

## Results chain





## Highlights of FAO work on AMR



Global  
campaigns



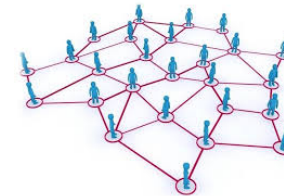
Field  
interventions



FAO tools for  
capacity  
building



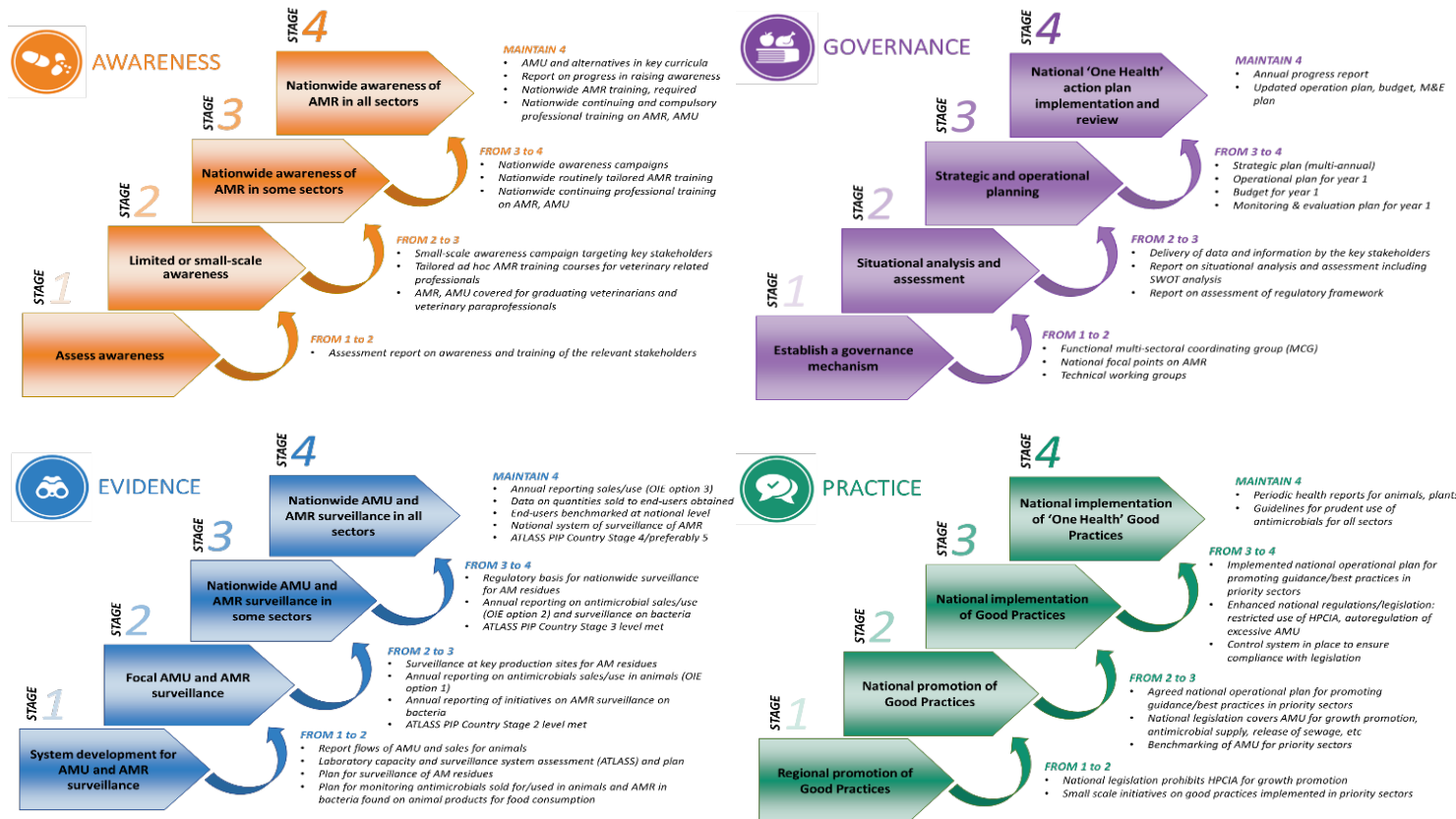
Access to resources  
and technical  
networks





# Highlights – FAO tools

## FAO-PMP-AMR: FAO Progressive Management Pathway for AMR



### Managing AMR step-by-step

Addressing 4 FAO focus areas

Providing guidance

Identifying actions and resources

Assigning ownership of stakeholders

Allocating budgets

From small scale to nationwide

From priority sectors to 'One Health'

Focus on Agriculture and Food



## Highlights – FAO tools

FAO's Work on AMR

### FAO - ATLAS: FAO Assessment Tool for Laboratories and AMR Surveillance Systems

- ✓ Mapping national AMR surveillance systems in the food and agriculture
- ✓ Assessing systematically the AMR surveillance and laboratory capacities
  - **28 countries**
  - **~ 100 Laboratories**
    - public, private and
    - university/research
  - **Available in**
    - English
    - French
    - Spanish
    - Russian



Governance



Data collection and analysis  
(epidemiology unit)



Data production network  
(laboratories)



Communication



Sustainability



## Tripartite Collaboration

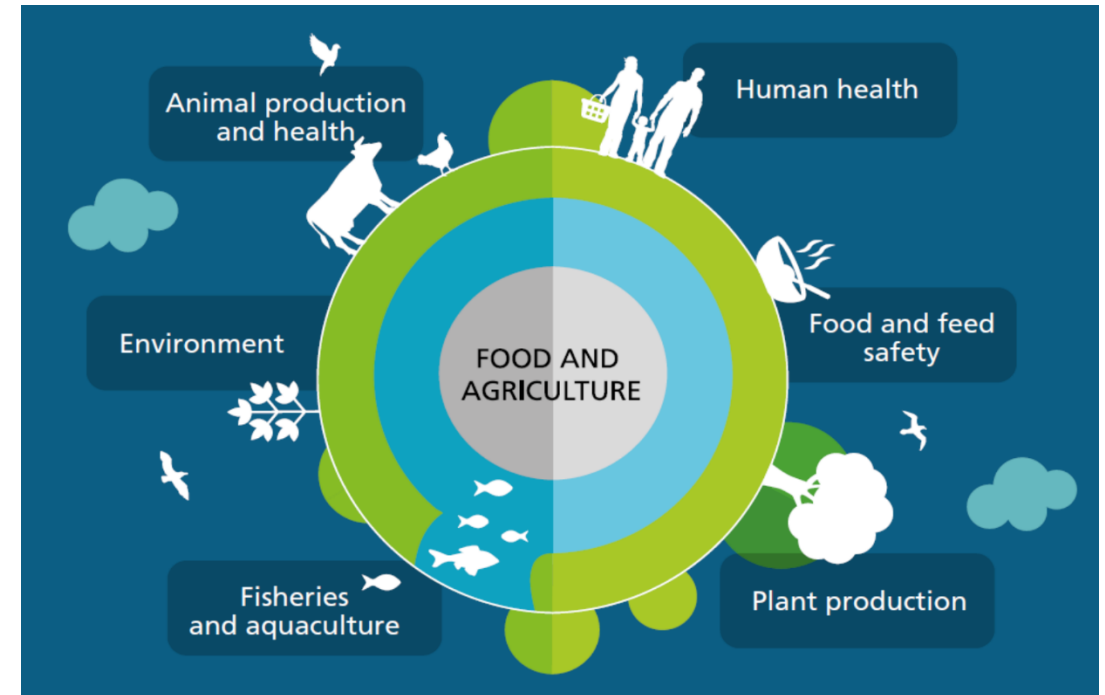


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World Health  
Organization

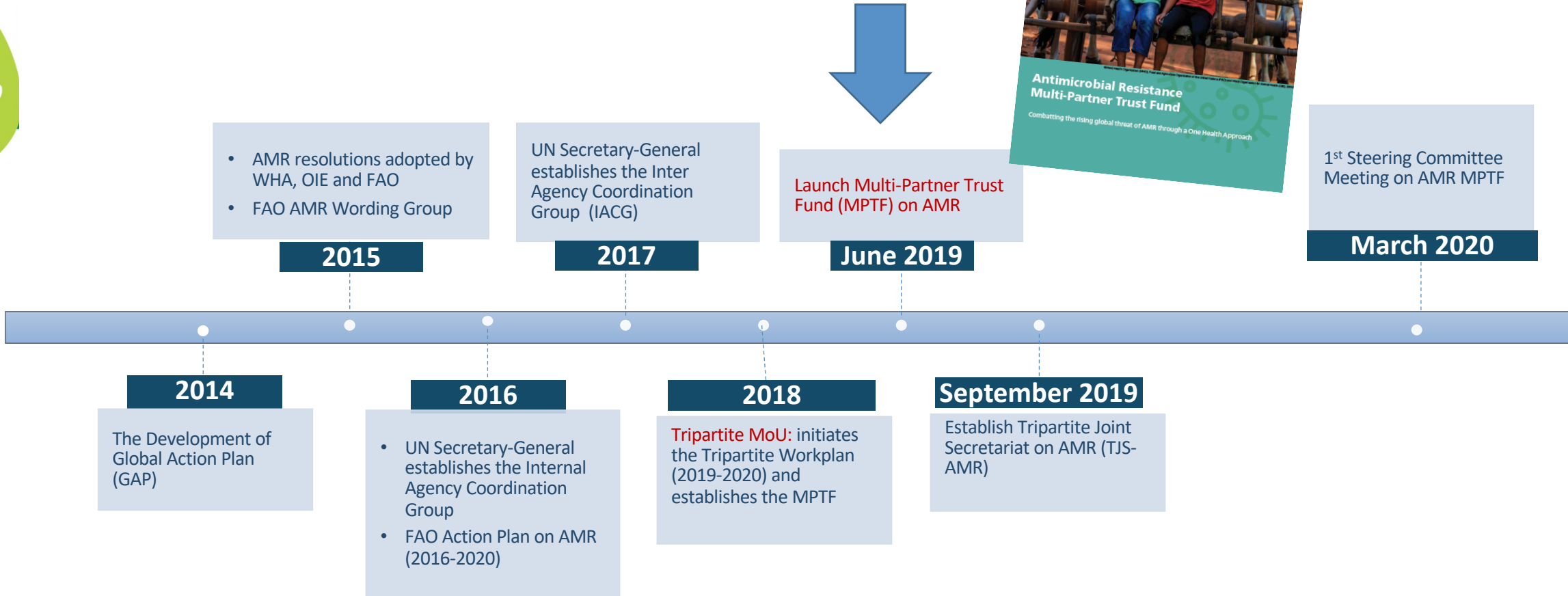
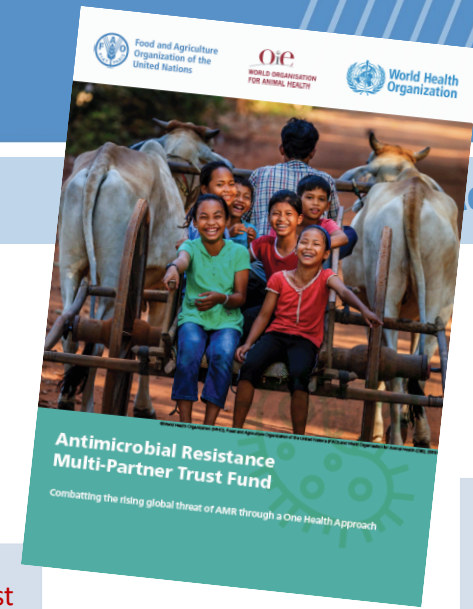
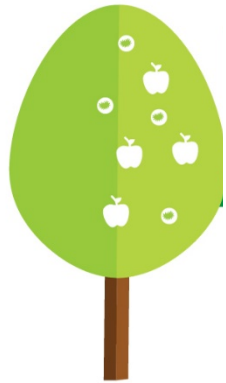
- The Tripartite Organisations signed the MoU on AMR in 2018
- FAO provides expertise across sectors and disciplines in addressing AMR in Food and Agricultural
- FAO has strong country presence in capacity building and supporting One Health actions on the ground





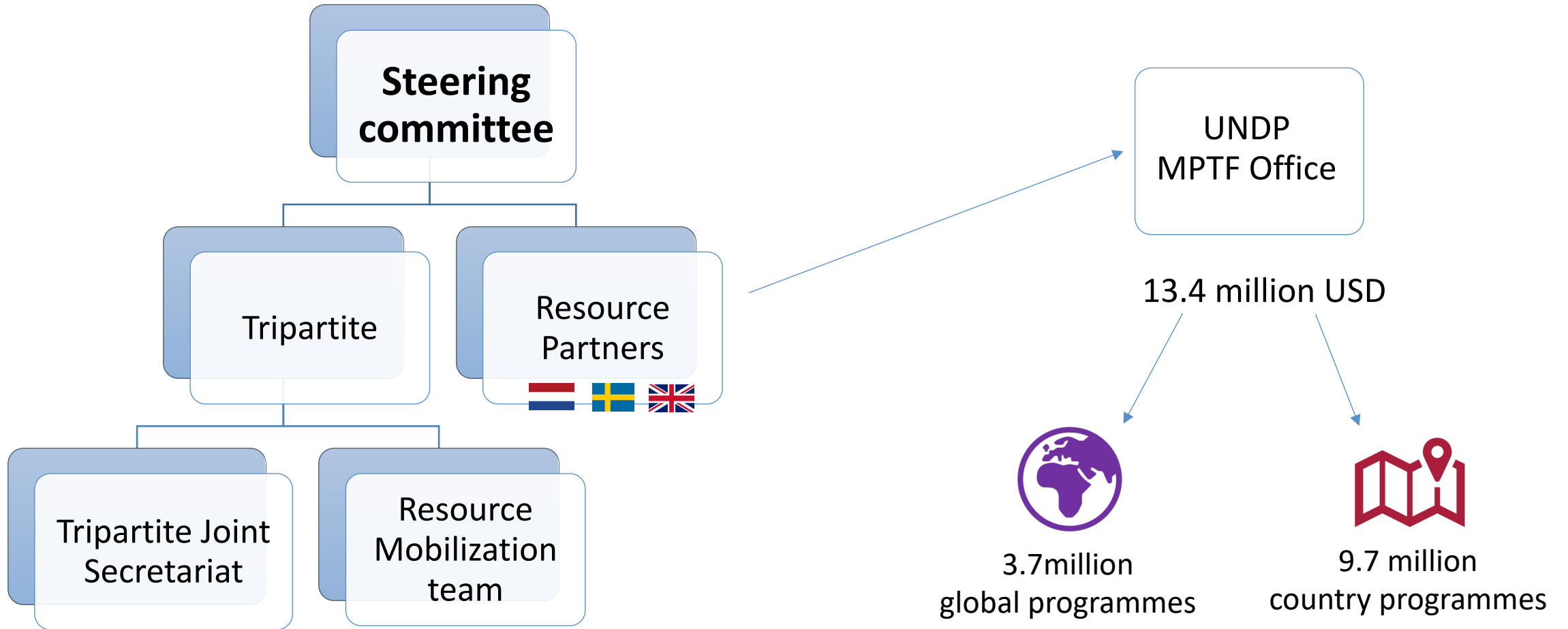
# Establishment & Implementation of AMR MPTF

O's Work on AMR





# Establishment & Implementation of AMR MPTF





## Establishment & Implementation of AMR MPTF

- **11 countries programmes**

RAP: Indonesia, Cambodia

RAF: Senegal, Ghana, Ethiopia, Zimbabwe, Kenya

RLC: Peru

REU: Tajikistan

RNE: Morocco, Sudan

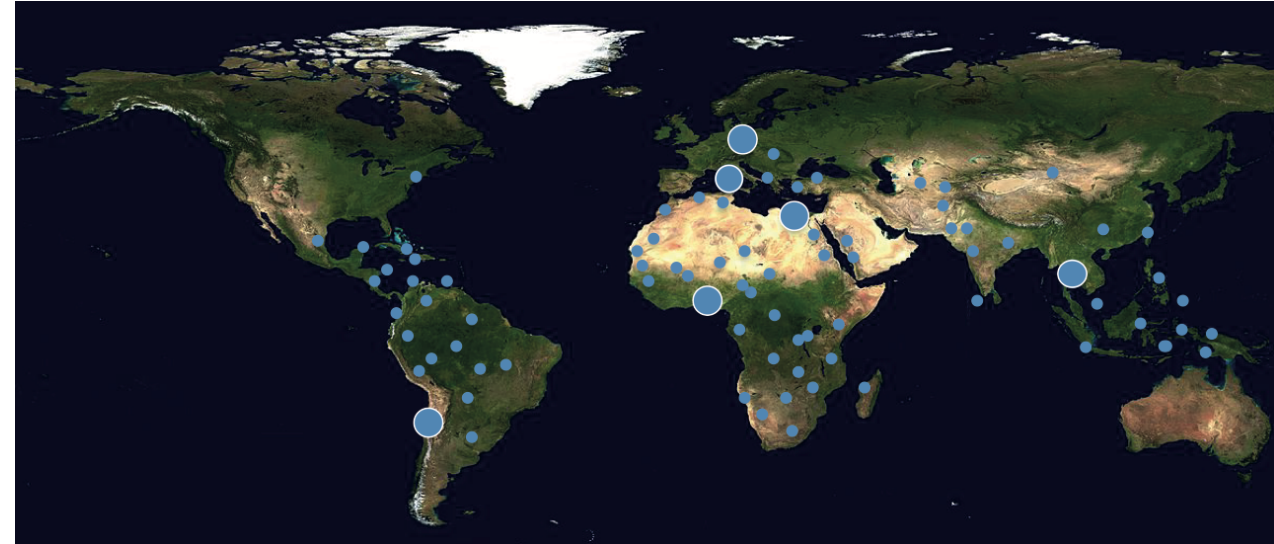
- **4 Global Programmes**

Environment

Tripartite Integrated Surveillance System on AMR and AMU (TISSA)

Legal Framework

Monitor and Evaluation of Global Action Plan (GAP)

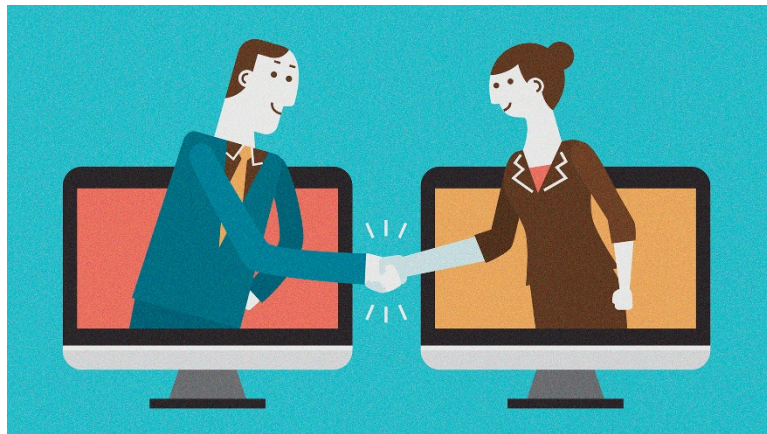






# Get to Know FAO's Work on AMR

- FAO AMR website
- AMR WG mailing list/sharing one drive
- Knock on the “door”



The screenshot shows the FAO website's page for Antimicrobial Resistance. At the top, there's a navigation bar with the FAO logo and the text 'Food and Agriculture Organization of the United Nations'. Below this, there are language options: العربية, 中文, English, Français, Русский, Español. The main heading is 'Antimicrobial Resistance', followed by a sub-navigation menu: Background, Key issues, Projects, News and Events, Resources. A large banner image shows a person in a yellow protective suit in a poultry farm, with the text 'Antimicrobial resistance - what you need to know'. Below the banner are four icons representing different aspects: 'What is it?', 'FAO's role', 'Who we are', and 'Key sectors'. A text block explains that antimicrobial drugs are essential for human and animal health but are often misused, leading to the emergence of resistant micro-organisms. A 'Key facts' section lists: 'Around 700,000 human deaths each year related to antimicrobial resistance (UK's O'Neill Commission)', '27 different antimicrobial classes used in animals', 'Total global animal health market in 2011 was equivalent to USD 22 billion (OECD)', and '118 countries reported quantitative data on antimicrobial use in animals between 2015 and 2017, an increase from 89 reporting in 2015'. There are sections for 'Publications' (exploring socioeconomic importance in Vietnam) and 'News' (calling for expressions of interest from civil society). An 'Announcements' section mentions a survey on beekeeping practices and a call for interest in the One Health Global Leaders Group on Antimicrobial Resistance. At the bottom, there's a 'Subscribe to the new FAO AMR mailing list!' section with contact information for Daniela.Battaglia@fao.org.



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# Thank you

[www.fao.org/antimicrobial-resistance](http://www.fao.org/antimicrobial-resistance)

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Twitter @FAOAnimalHealth

Subscribe to FAO AMR Listserve !!