



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

# AMR initiatives: WHO Regional Office for the Western Pacific

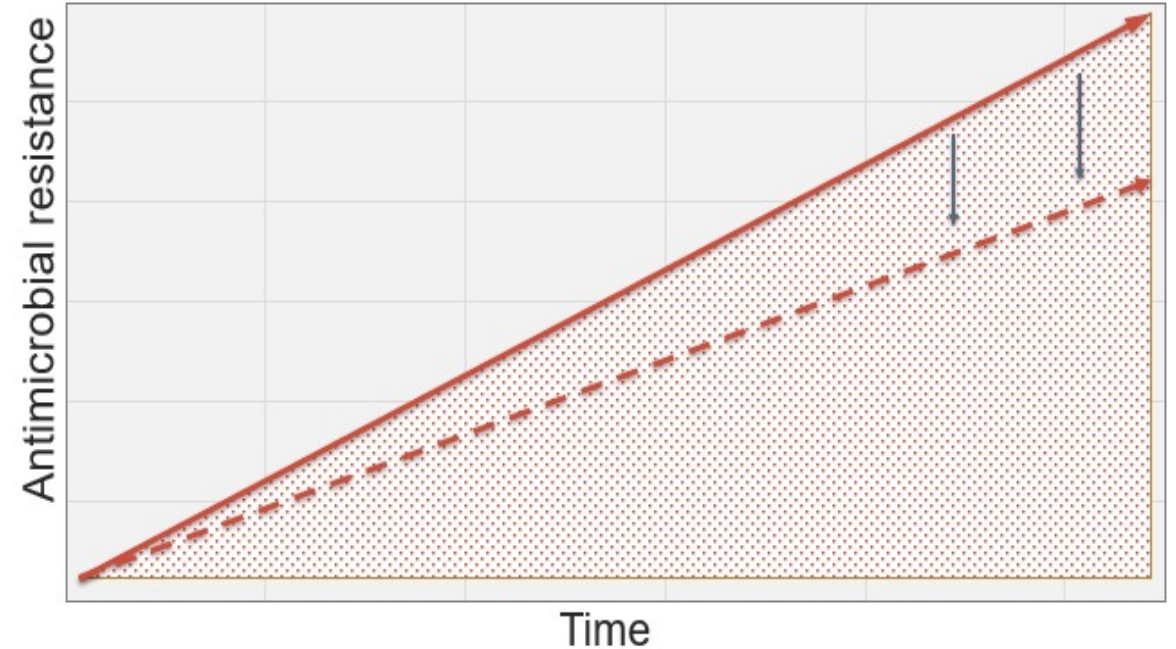
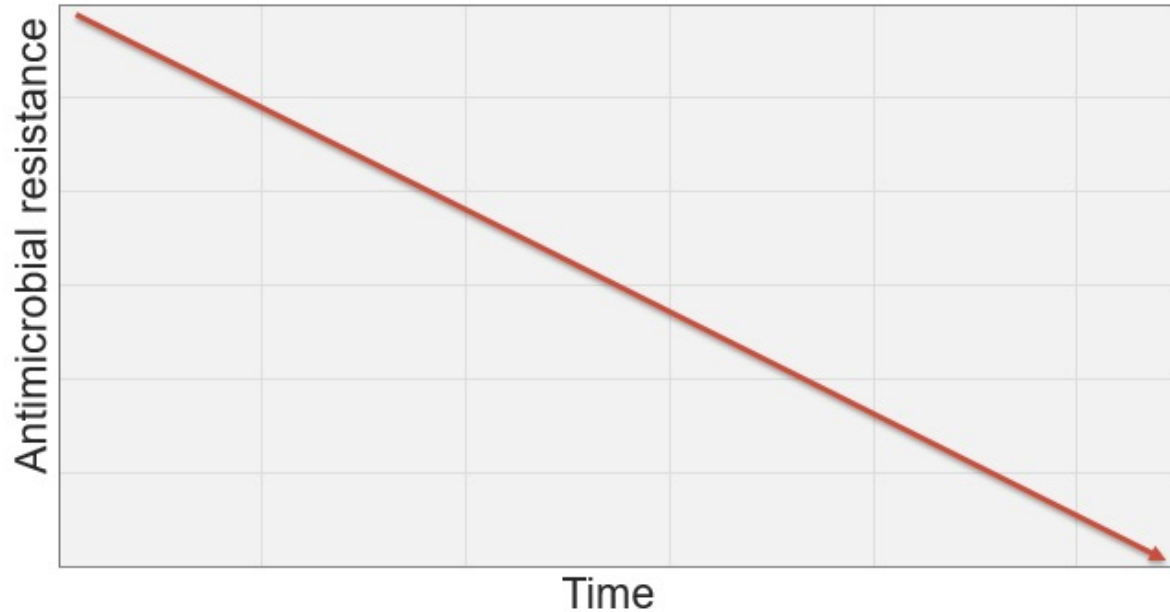
Takeshi NISHIJIMA

WHO Regional Office for the Western Pacific

Webinar on the FAO - OIE - WHO One Health Approach to AMR Mitigation and Safer Food in the Asia-Pacific Region

29 - 30 September 2021

# Context: AMR Curve



- AMR is a normal evolutionary process, but accelerated by the selective pressure exerted by widespread use of antimicrobials
- There is a strong association between AMR and levels of antimicrobial use, implying that a reduction in unnecessary consumption of antimicrobials could affect resistance
- Global consumption of antibiotics in humans has risen in the past two decades, primarily driven by an increased use in low- and middle-income countries

# For the Future

## Towards the Healthiest and Safest Region

A vision for WHO work with Member States and partners in the Western Pacific



# For the Future

## Towards the Healthiest and Safest Region

A vision for WHO work with Member States and partners in the Western Pacific



Health security,  
including antimicrobial  
resistance



NCDs and ageing



Climate change, the  
environment and  
health



Reaching the unreached – people  
and communities still afflicted by  
infectious disease, and high rates  
of maternal and infant mortality





## Framework for Accelerating Action to Fight Antimicrobial Resistance in the Western Pacific Region



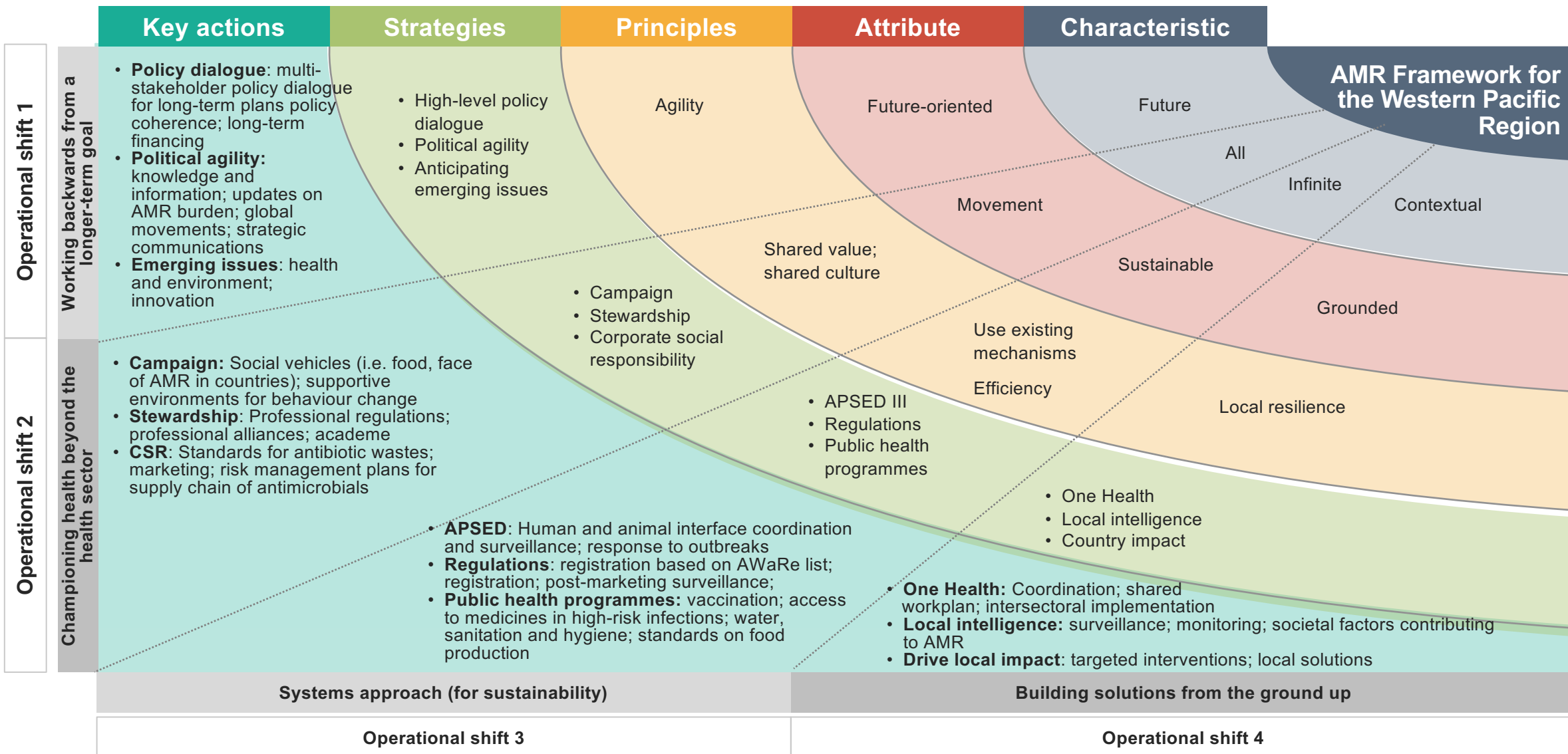
Endorsed by the member states in October 2019, the framework considers the operational shifts as new ways of working in the Region to slow the spread of AMR and avert its impact.

### Operational Shifts

1. Working backwards from longer-term goal
2. Championing health beyond the health sector
3. System approach for sustainability
4. Building solutions from the ground up

# AMR Operational Shifts Map

Securing our future: A Regional Framework to Combat AMR



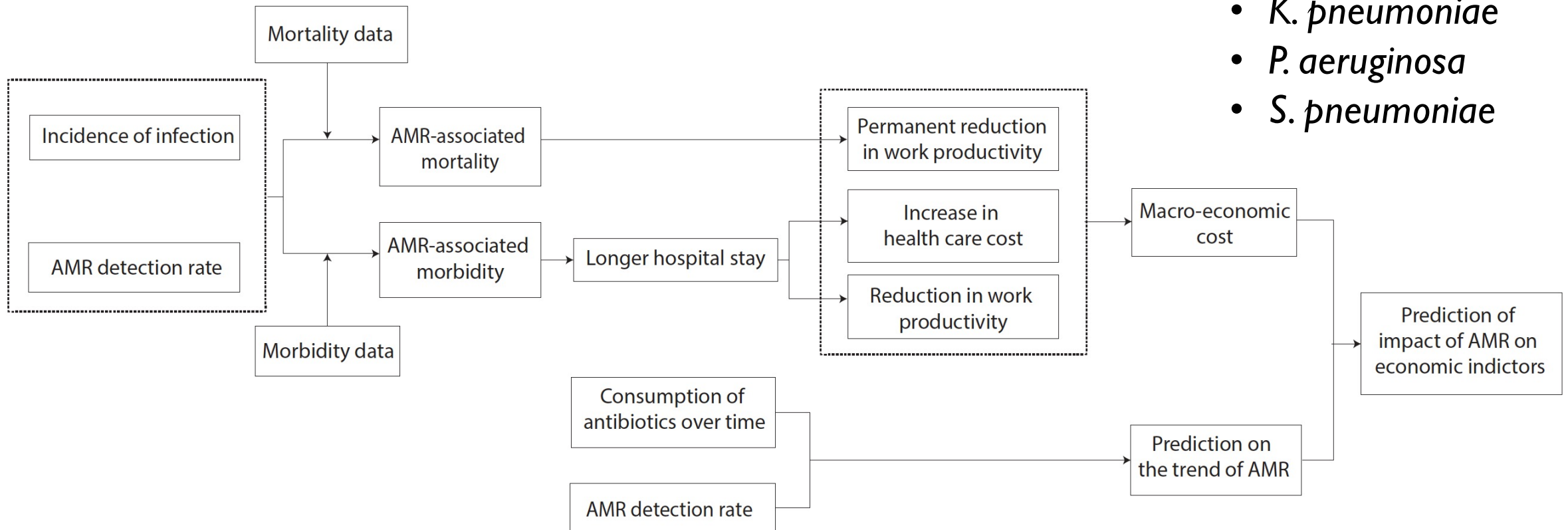
## Operational shift 1: Working backwards from longer-term goal

# Political agility: AMR burden

**To estimate excess mortality/morbidity and economic cost in the next 10 years in the region**

Seven target pathogens:

- *MRSA*
- *E. coli*
- *E. faecalis*
- *Hib*
- *K. pneumoniae*
- *P. aeruginosa*
- *S. pneumoniae*





# Operational shift 2: Health beyond health sector

## Stewards for the Future: One Region, One Movement

220,968

Pledge Tally

1,000,000 Goal

TAKE THE PLEDGE TODAY

### Stewards for the Future

#### Stop Overuse and Misuse of Antibiotics

Antimicrobial resistance happens when bacteria and other microorganisms change after being

Country	Pledge Count
Australia	220,968
New Zealand	11k
China	3.2k
Japan	7.4k
South Korea	17k
Philippines	35k
Indonesia	26k
Malaysia	23k
Thailand	9.3k
Vietnam	6.6k
India	18
Myanmar	60
Laos	2.7k
Cambodia	3.2k
Timor-Leste	7.4k
Brunei	11k
Singapore	17k
Maldives	21k
Sri Lanka	20k
Bhutan	26k
Nepal	468
Bangladesh	2
India	14
Pakistan	6
Afghanistan	10
Yemen	2
Somalia	740
Ethiopia	12
DRC	35
Kenya	1.4k
Uganda	13
Rwanda	47
Burundi	31
Tanzania	853
Malawi	6
Mozambique	375
Zimbabwe	119
Botswana	1
South Africa	506

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# STEWARDS FOR THE FUTURE

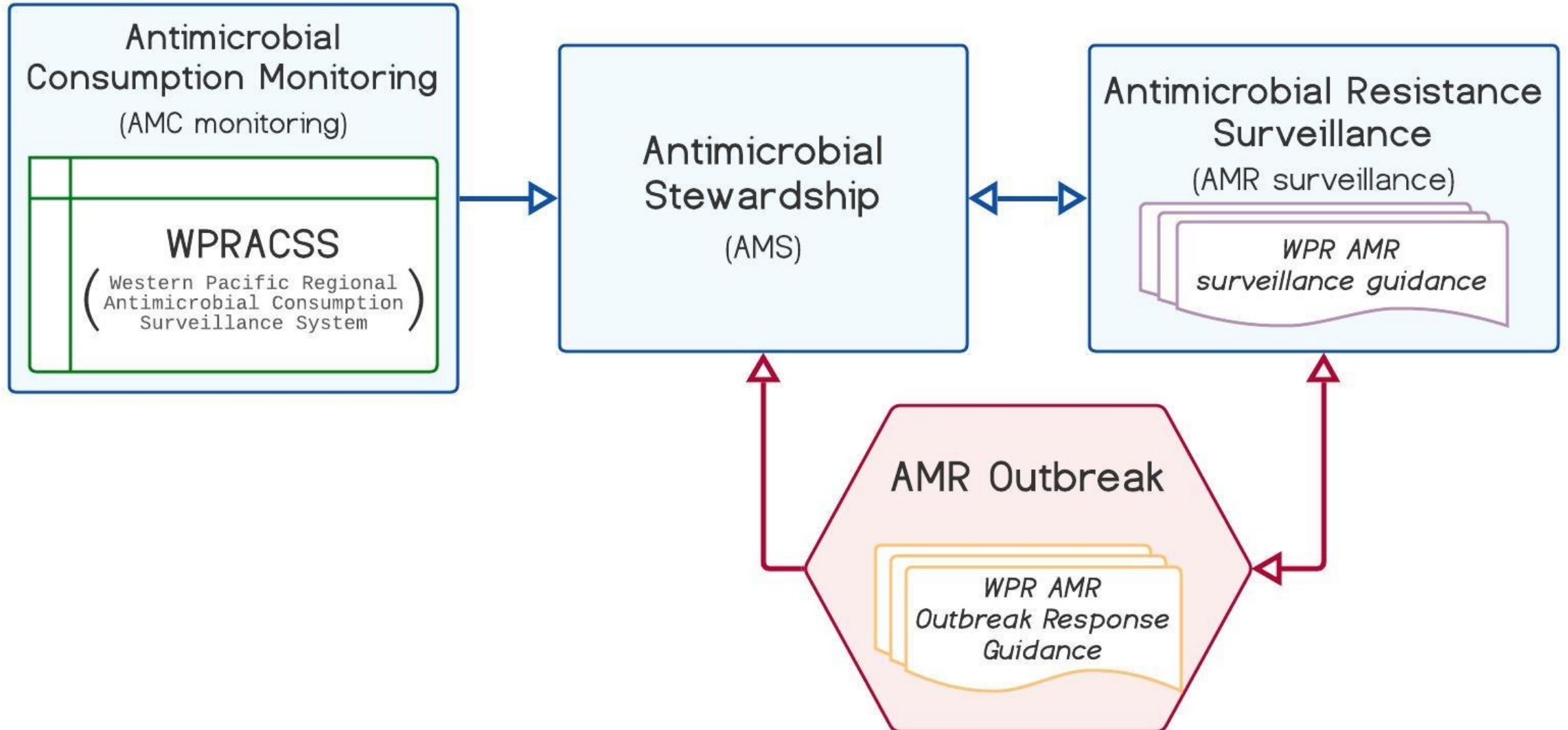
## One Region, One Movement to Fight Antimicrobial Resistance

Join the movement <http://pledge.antibioticawarnessweek.org>

World Health Organization  
Western Pacific Region

# Operational shift 3: Systems approach

## WPRO Strategy for strengthening AMR surveillance and stewardship in the Western Pacific Region

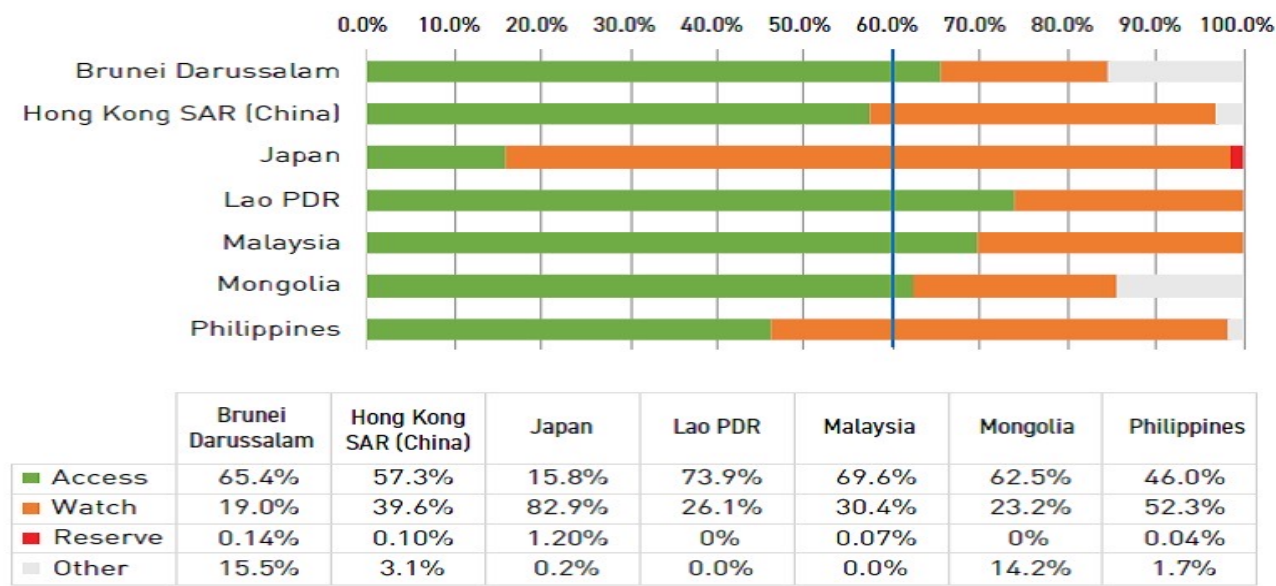




# Operational shift 4: Grounds-up Western Pacific Regional Antimicrobial Consumption Surveillance System (WPRACSS)

WPRACSS will aims to conduct antimicrobial consumption monitoring across the Western Pacific Region with the aim of increasing multi-stakeholder accountability and strengthening stewardship of antimicrobials and clinical practice to improve health

Fig. 17. National consumption of antibiotics for systemic use by country or area by AWaRe categorization in 2018



# WPRACSS

## Antimicrobial Consumption in the WHO Western Pacific Region

Early implementation of the Western Pacific Regional  
Antimicrobial Consumption Surveillance System (WPRACSS)

World Health  
Organization  
Western Pacific Region

**STEWARDS FOR THE FUTURE**

One Region One Movement to Fight Antimicrobial Resistance

Join the movement <http://phdgs.antibioticawareness.org>

# Way forward

- WHO/WPRO continues to work together with the member states guided by *the Framework for Accelerating Action to Fight Antimicrobial Resistance in the Western Pacific Region* to avert the impact of AMR, with system building approach
- WHO/WPRO continues to support endorsement/implementation/revision of national action plan for AMR in the member states
- WHO/WPRO continues to work together with the member states to further enhance momentum to move AMR movement forward and increase political agility