

AMU/AMR in aquaculture

Regional Workshop for WOAHA Focal Points for Aquatic Animals

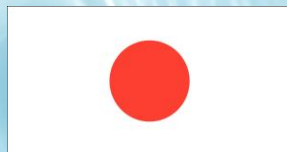
Dr Pondpan Suwanthada

7 – 9 July 2026 | Tokyo, Japan

Regional AMR Project Officer



World Organisation
for Animal Health



Australian Government
Department of Agriculture,
Fisheries and Forestry



国立大学法人

東京海洋大学

Tokyo University of Marine Science and Technology



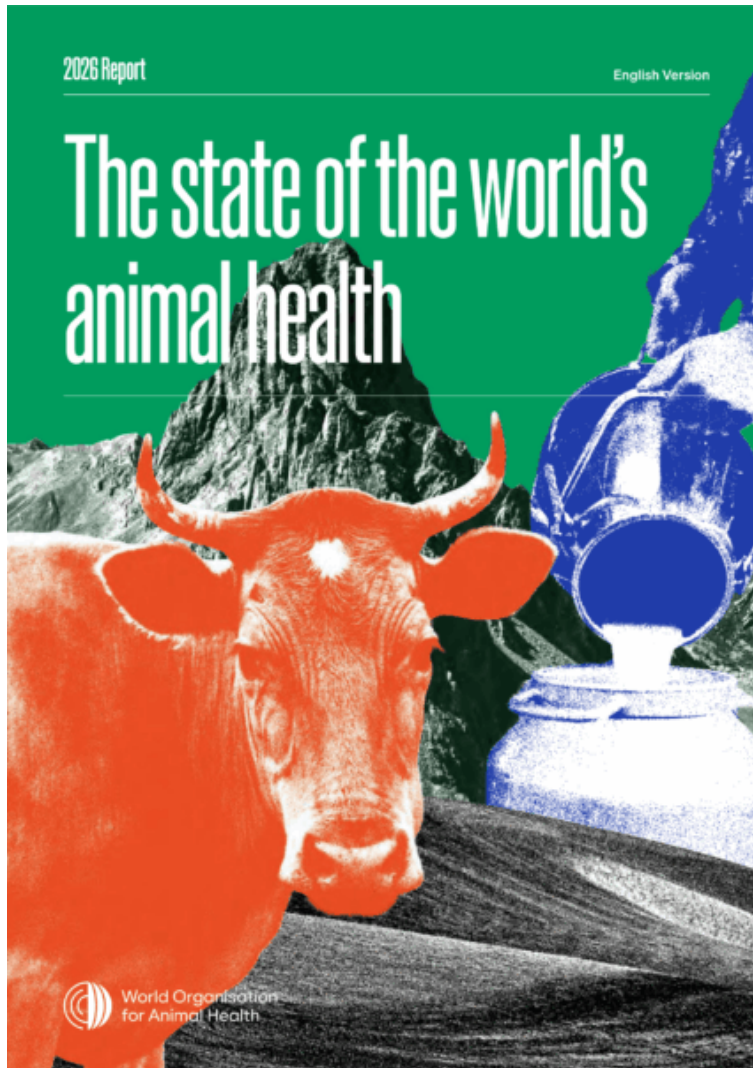
Did you eat fish
or any seafood
for breakfast
this morning?





Have you ever
seen a farm
where
antimicrobials
were being
used?



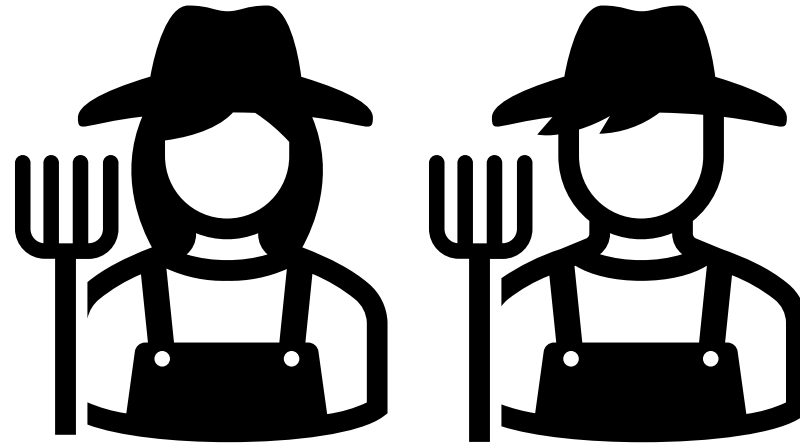


According to the 2024 global ANIMUSE, **94.68** mg/kg (adjusted based on reported coverage) of antimicrobials were used in animals (terrestrial and aquatic animals) worldwide.

Do you think antimicrobial use in Asia and the Pacific is higher or lower than the global average?



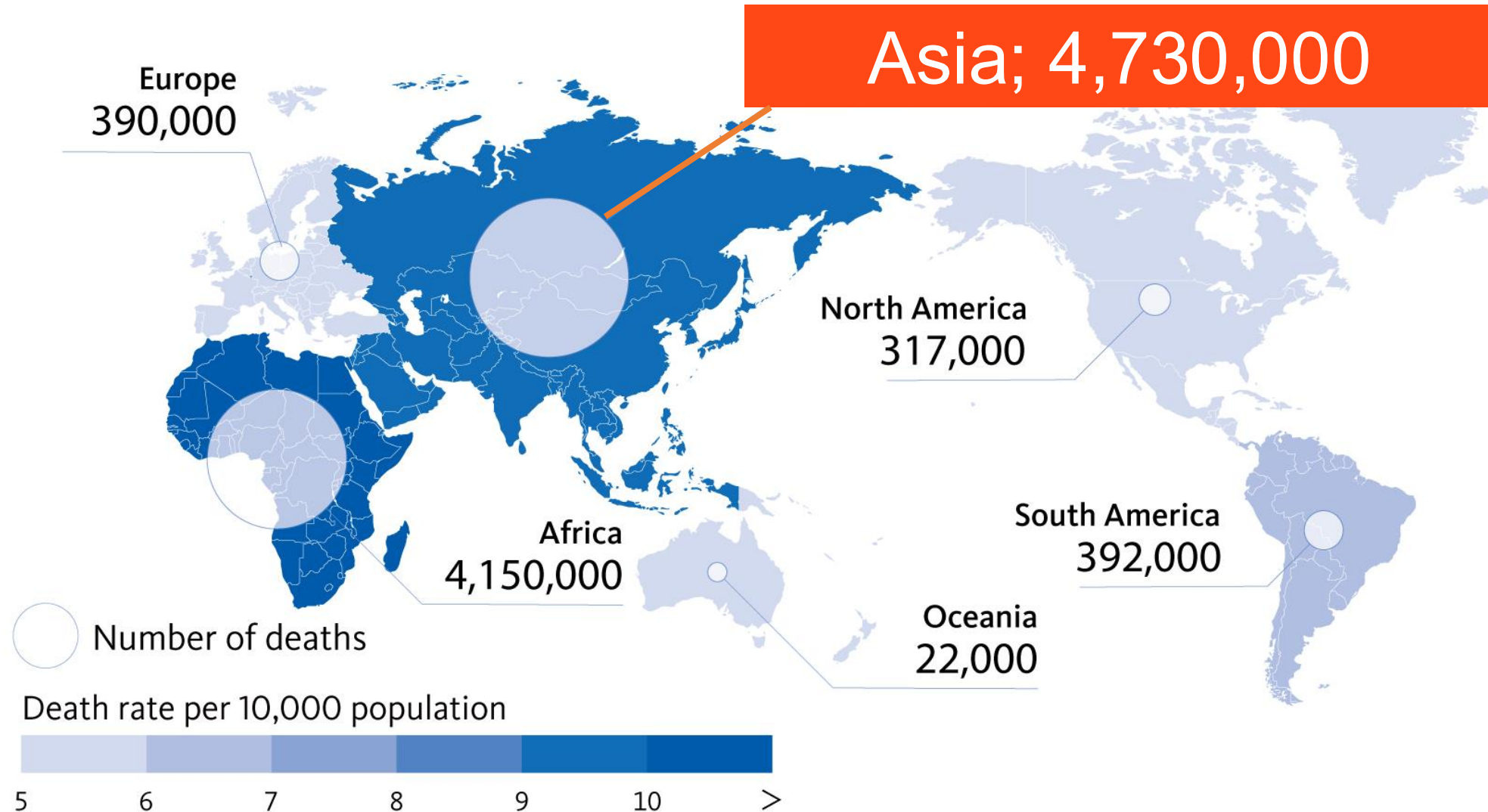
In Asia and the Pacific: **169.30 mg/kg**
(adjusted based on reported coverage)



If we completely banned all antibiotics in aquaculture tomorrow, do you think the farmers in your country/ territory would struggle economically?



Deaths attributable to antimicrobial resistance every year by 2050.



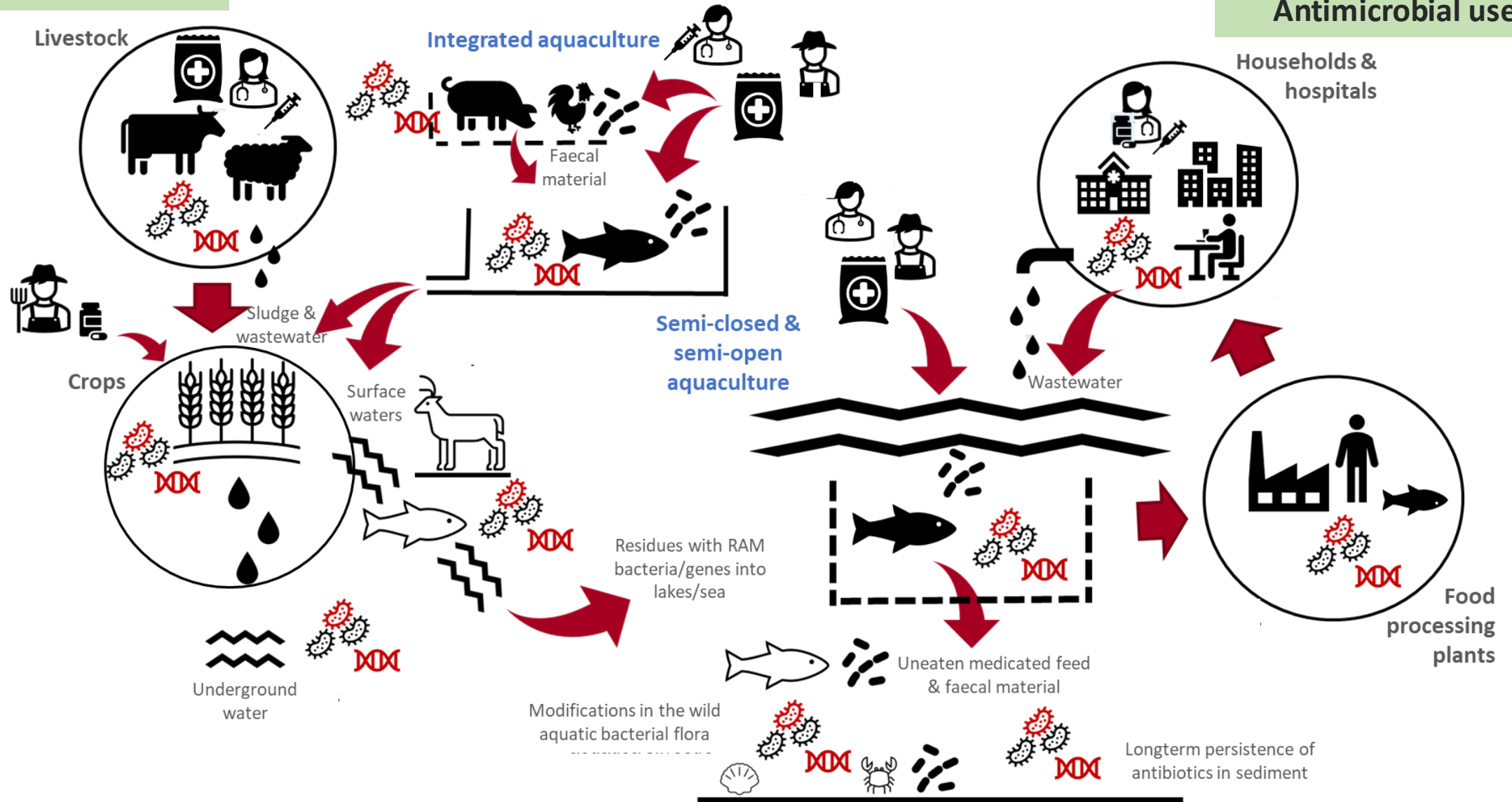


AMR flux in aquaculture with other sectors

Antimicrobial use

Antimicrobial use

Antimicrobial use

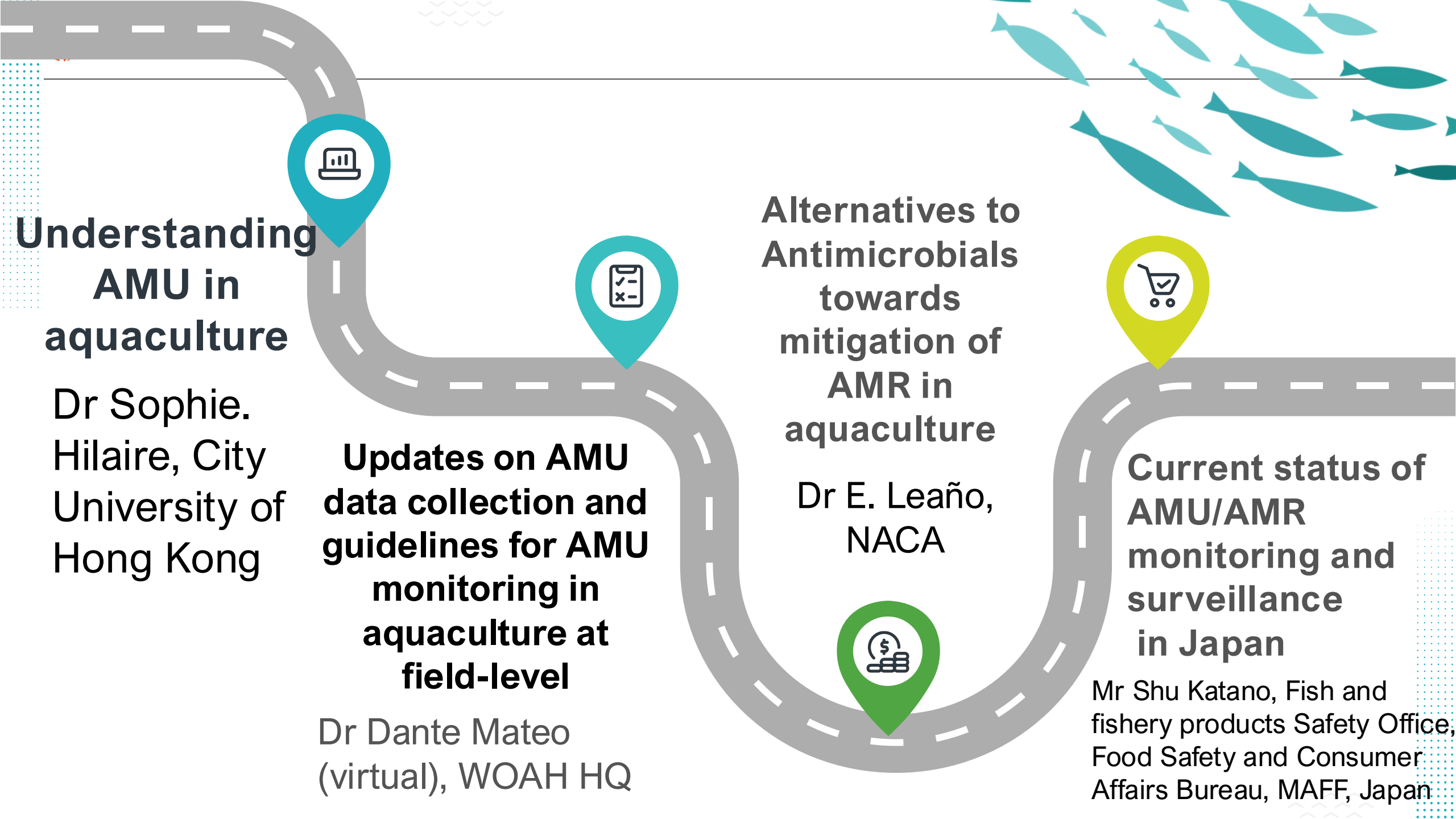




Antimicrobial use

Households & hospitals





Understanding AMU in aquaculture

Dr Sophie. Hilaire, City University of Hong Kong

Updates on AMU data collection and guidelines for AMU monitoring in aquaculture at field-level

Dr Dante Mateo (virtual), WOAHHQ

Alternatives to Antimicrobials towards mitigation of AMR in aquaculture

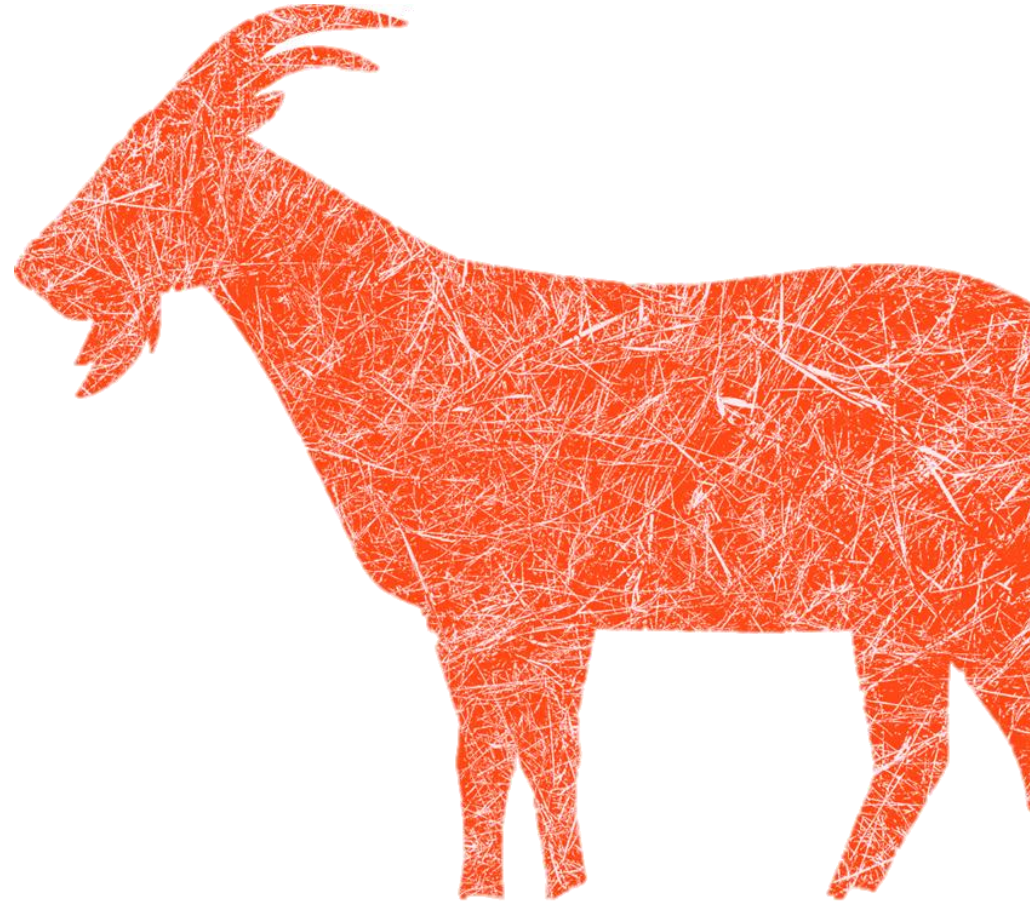
Dr E. Leaño, NACA

Current status of AMU/AMR monitoring and surveillance in Japan

Mr Shu Katano, Fish and fishery products Safety Office, Food Safety and Consumer Affairs Bureau, MAFF, Japan

Key takeaways

- *Antimicrobial use in Asia and the Pacific is **increasing**.*
- **Non-responsible use** *practices remain a major concern across the region.*
- **Alternatives to Antimicrobials** *should be considered.*





THIS **SYMBOL** UNITES US ALL IN THE EFFORTS
TO CONTAIN ANTIMICROBIAL RESISTANCE:



CAPSULES
set the theme



HEARTS
tell us we
need to care



BAND-AIDS
tell us we
need to fix it

Thank you



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