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Organization of the
United Nations

SUSTAINABLE
DEVELOPMENT
GOALS



Tripartite Integrated System for Surveillance on AMR/AMU (TISSA) and development of the FAO AMR/AMU platform

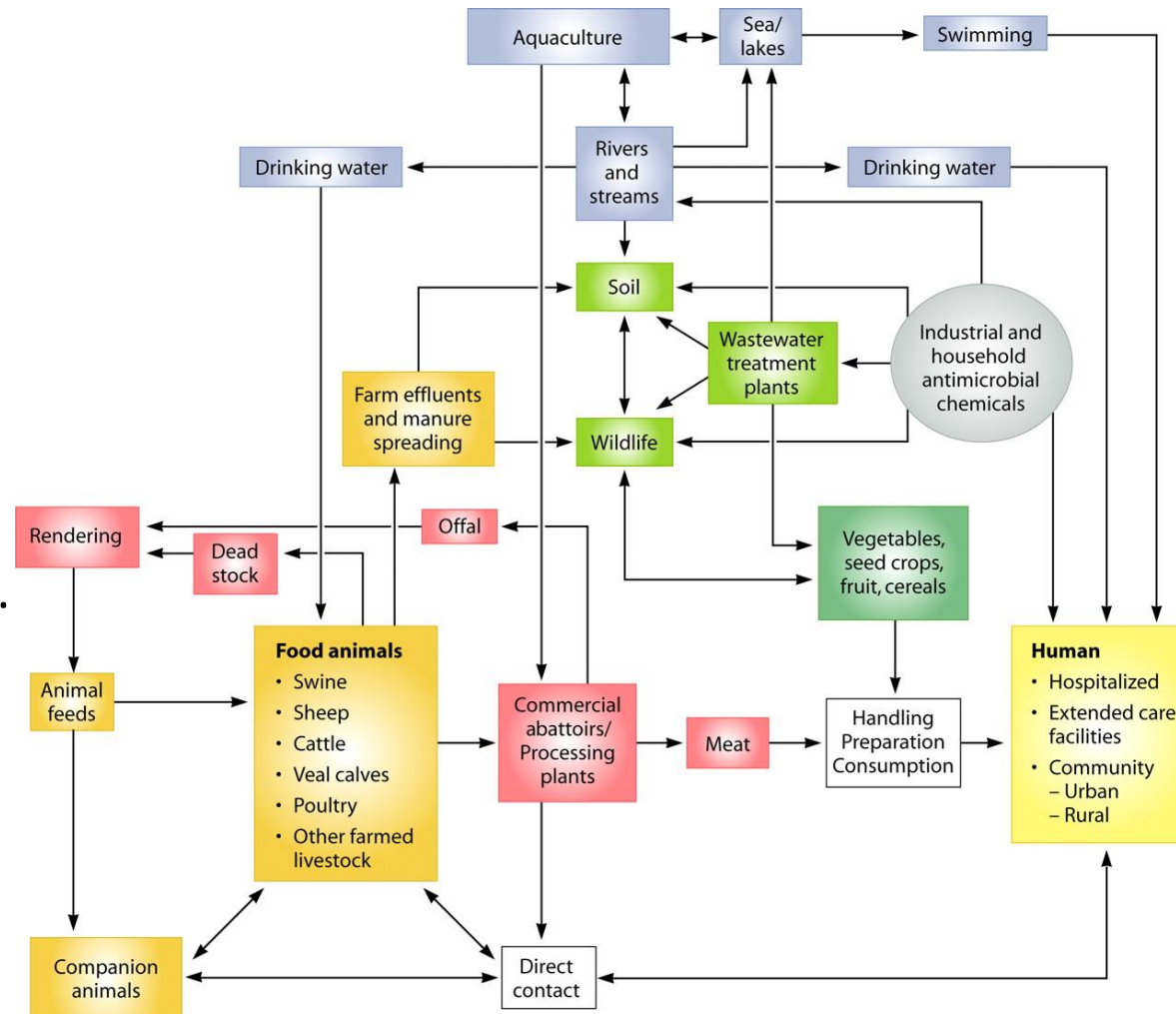
Alejandro Dorado Garcia, Animal Health Officer (AMR and Public Health)

Food and Agriculture Organization of the United Nations (FAO)

Working for **#ZeroHunger**



Integrated
surveillance is
essential for
AMR control...



**Antimicrobial Resistance
Multi-Partner Trust Fund**

Combating the rising global threat of AMR through a One Health Approach

*Davies J, Davies D. 2010 Origins and evolution
of antibiotic resistance. Microbiol. Mol. Biol.
Rev.*



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World Health
Organization




WORLD ORGANISATION
FOR ANIMAL HEALTH



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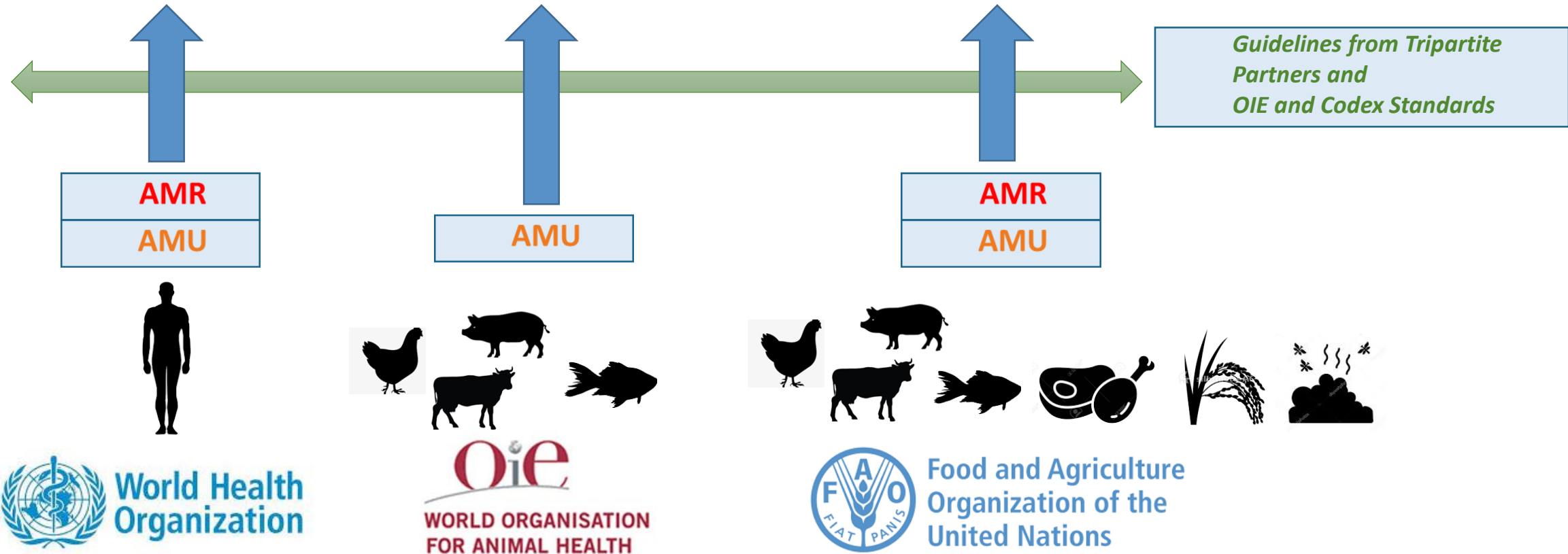
Platform		In development	In inception
Data collection and sharing	WHONET Excel files	No software Excel Tool in use	WHONET in adaptation Excel tool in RAP
Mechanisms for implementation	Manuals, Protocols, SOPs WHO Offices Collaborative AMR centers Surveillance Networks	manuals, standards, OIE Delegates and National Focal Points for Veterinary Products	Regional guidelines FAO Offices Reference AMR centers Surveillance Networks
Reporting	Yes Country level	Yes Regional level	Not yet (Country, Regional levels)
Type of data	AMR humans AMU humans	AMU animals	AMR animals and food AMU plants/crops



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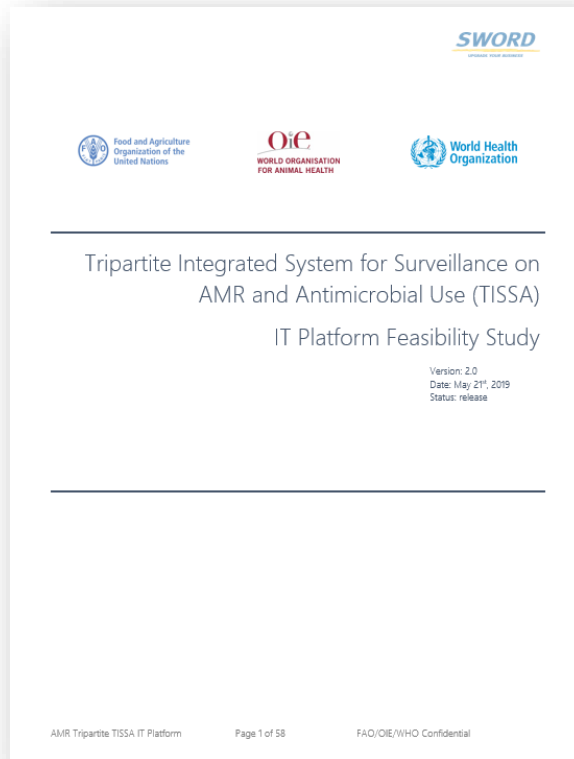
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TRIPARTITE INTEGRATED SURVEILLANCE SYSTEM FOR AMR/AMU (TISSA)





TISSA: Tripartite Integrated System for Surveillance on AMR and AMU



Purpose:

A dynamic Tripartite platform intended to make available/display in a user-friendly manner on a global and regional basis validated and official data provided by countries to FAO, OIE and WHO on patterns and trends in AMU and AMR in humans, animals, food, plants and environment, while recognizing that different sectors may be at different levels of advancement.



TISSA: Tripartite Integrated System for Surveillance on AMR and AMU

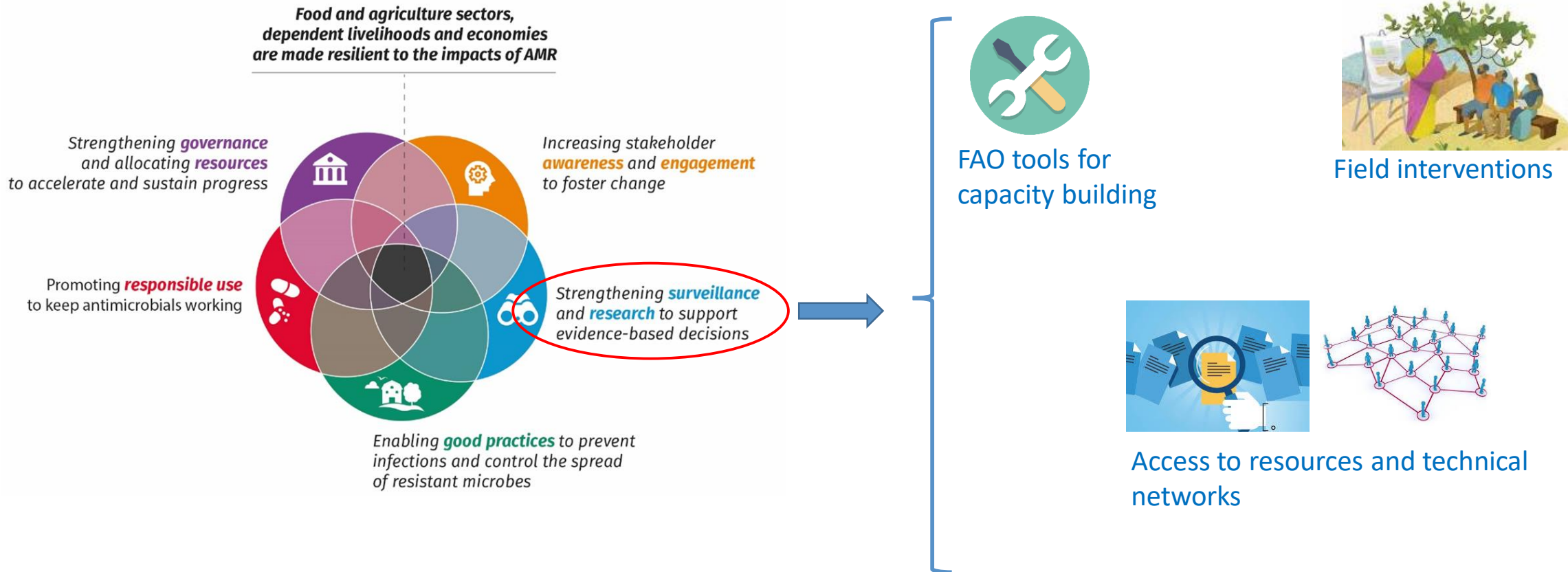
PROJECT WORK PLAN





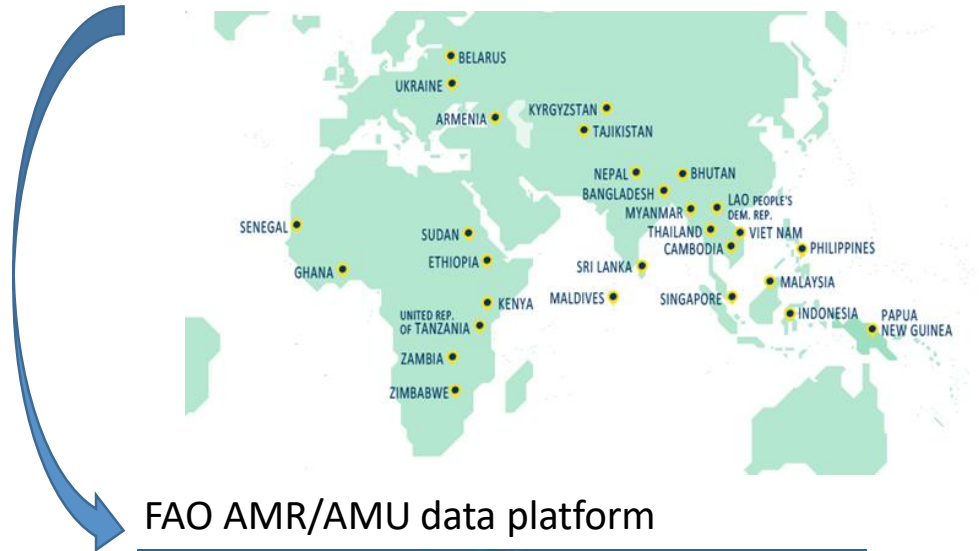
Highlights of FAO work on AMR / AMU surveillance

FAO's Work on AMR





Assessment Tool for Laboratories and AMR Surveillance System (FAO-ATLASS)



FAO AMR/AMU data platform

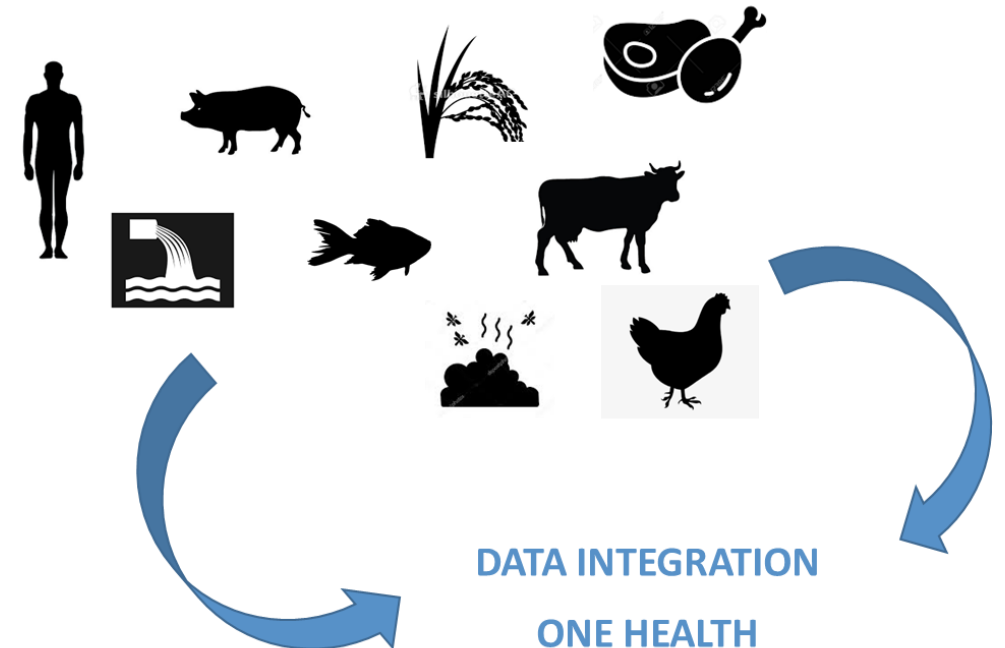


AMR/AMU
data
management
and sharing
systems

Tripartite Integrated System for Surveillance of AMR/AMU



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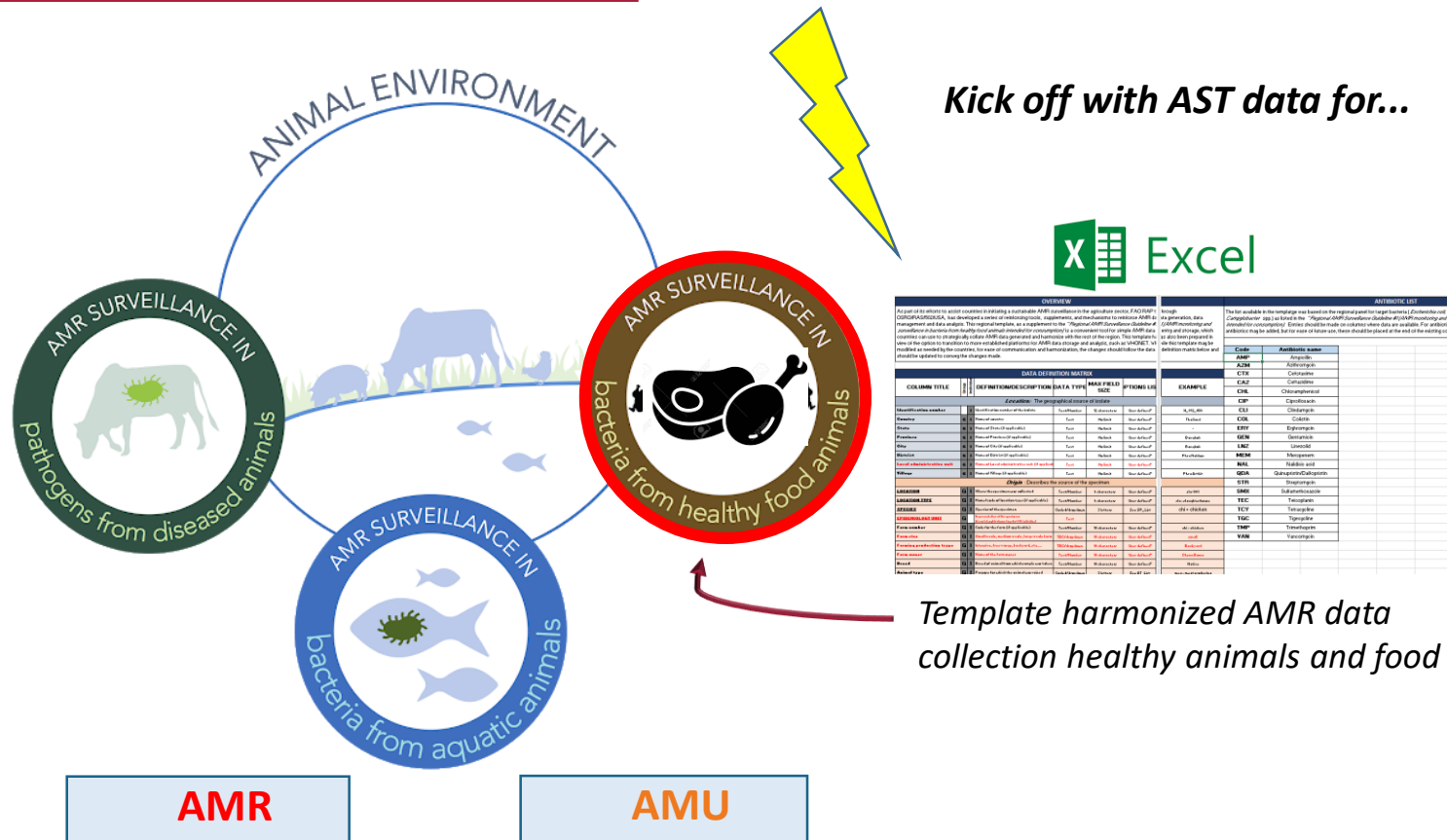
To develop and pilot the
**International FAO Antimicrobial Resistance Monitoring data platform
(*InFARM*)**



- *InFARM* primarily envisioned to support Members for collecting, collating, analyzing and reporting AMR data from the food and agriculture sectors at National level (also AMU in plants/crops)
- Will upload data into TISSA to offer Members and international community information on global integrated AMR/AMU surveillance



PRIORITIZATION AND COORDINATION IS KEY!





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Thank you

www.fao.org/antimicrobial-resistance

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