



Food and Agriculture  
Organization of the  
United Nations

SUSTAINABLE  
DEVELOPMENT  
GOALS

# FAO toolbox

## Evaluations for action



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**Epidemiology Mapping Tool Sensitization Meeting – 21 October 2021**

## Not just alphabet soup – making sense of the acronyms

**EMT** - Epidemiology Mapping Tool

**SET** - Surveillance Evaluation Tool

**LMT** - Laboratory Mapping Tool

**JRA** - Joint Risk Assessment

**JOIn** - Joint Outbreak Investigation tool

**SISOT** - Surveillance and Information Sharing Operational Tool

**ATLASS** - Assessment Tool for Lab and AMR Surveillance Systems

## Assessment tools – A brief overview

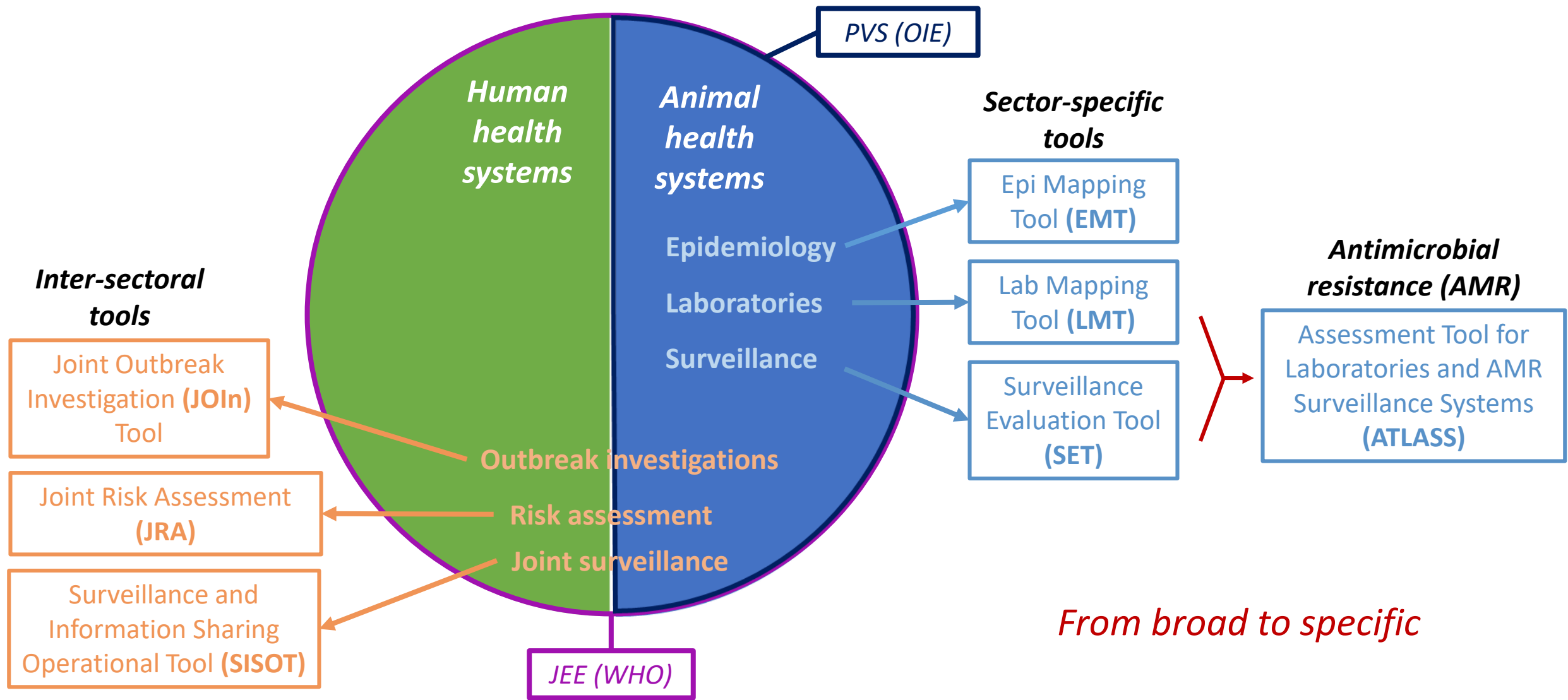
	WHAT	HOW	WHY
<b>EMT</b>	<ul style="list-style-type: none"><li>• Assessment of epi capacity of veterinary services</li></ul>	<ul style="list-style-type: none"><li>• ~ 5d assessment missions</li><li>• Stakeholder interviews &amp; scoring</li></ul>	<ul style="list-style-type: none"><li>• Guide development of epidemiology training programmes</li></ul>
<b>SET</b>	<ul style="list-style-type: none"><li>• Assessment of national surveillance system</li></ul>	<ul style="list-style-type: none"><li>• ~ 10d assessment missions</li><li>• Stakeholder interviews &amp; scoring</li></ul>	<ul style="list-style-type: none"><li>• Guide development of surveillance capacities</li></ul>
<b>LMT</b>	<ul style="list-style-type: none"><li>• Assessment of individual laboratory capacity</li></ul>	<ul style="list-style-type: none"><li>• Lab assessment mission</li><li>• Support from assessor roster</li></ul>	<ul style="list-style-type: none"><li>• Guide development of lab capacity</li><li>• One LMT assessment/lab</li></ul>
<b>ATLASS</b>	<ul style="list-style-type: none"><li>• Assessment of laboratory and surveillance capacity for AMR</li></ul>	<ul style="list-style-type: none"><li>• Assessment mission</li><li>• Support from assessor roster</li></ul>	<ul style="list-style-type: none"><li>• Guide development of national capacities for AMR surveillance and diagnostics</li></ul>

## Other tools – A brief overview

	WHAT	HOW	WHY
<b>SISOT</b>	<ul style="list-style-type: none"><li>Capacity-building tool for <i>joint</i> surveillance system</li></ul>	<ul style="list-style-type: none"><li>Country workshop with inter-sectoral partners</li></ul>	<ul style="list-style-type: none"><li>Identify which tools/resources are best for improving joint surveillance</li></ul>
<b>JOIn</b>	<ul style="list-style-type: none"><li>After action tool for outbreak investigations</li></ul>	<ul style="list-style-type: none"><li>Short training of trainers</li><li>tracks relevant outbreak metrics</li></ul>	<ul style="list-style-type: none"><li>Improve inter-sectoral outbreak investigations</li></ul>
<b>JRA</b>	<ul style="list-style-type: none"><li>Intersectoral risk assessment for zoonoses</li></ul>	<ul style="list-style-type: none"><li>Workshop with relevant intersectoral stakeholders</li></ul>	<ul style="list-style-type: none"><li>Guide development joint disease risk mitigations (e.g. surveillance, response)</li></ul>

*Note: this list is not exhaustive – specific programmes/projects have developed specific tools*

# Putting the tools into context



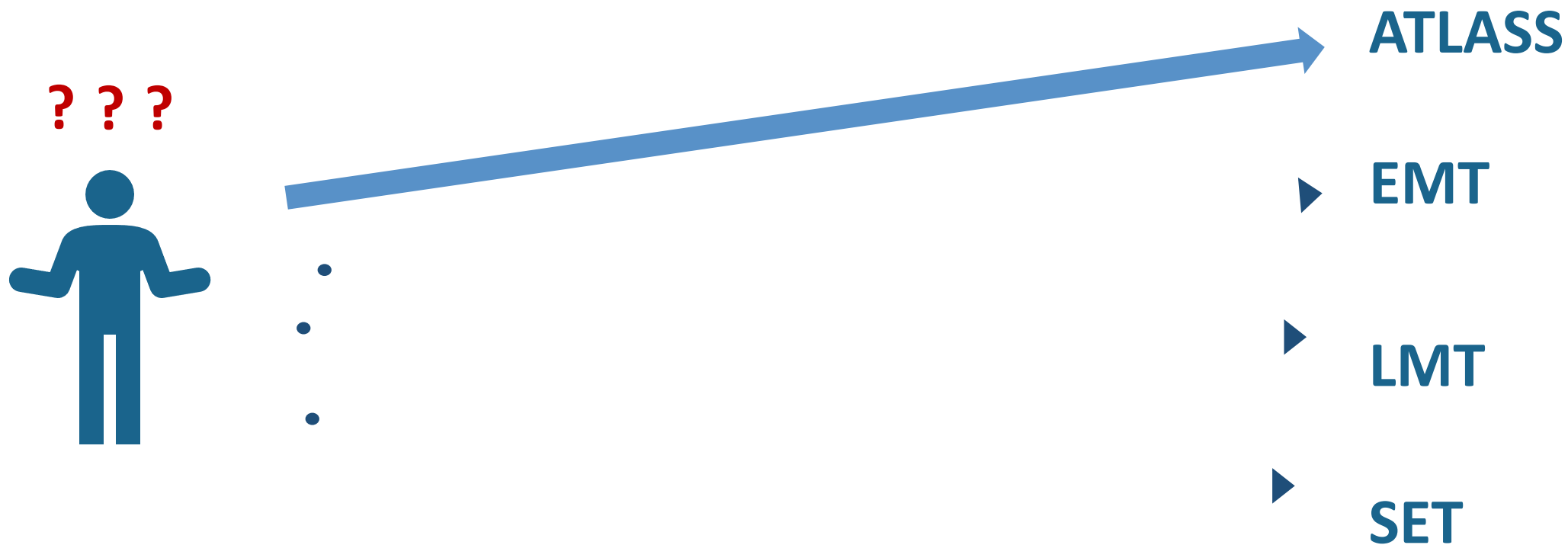
## Tools fit for purpose – how to choose



- ▶ **ATLASS**
- ▶ **EMT**
- ▶ **LMT**
- ▶ **SET**

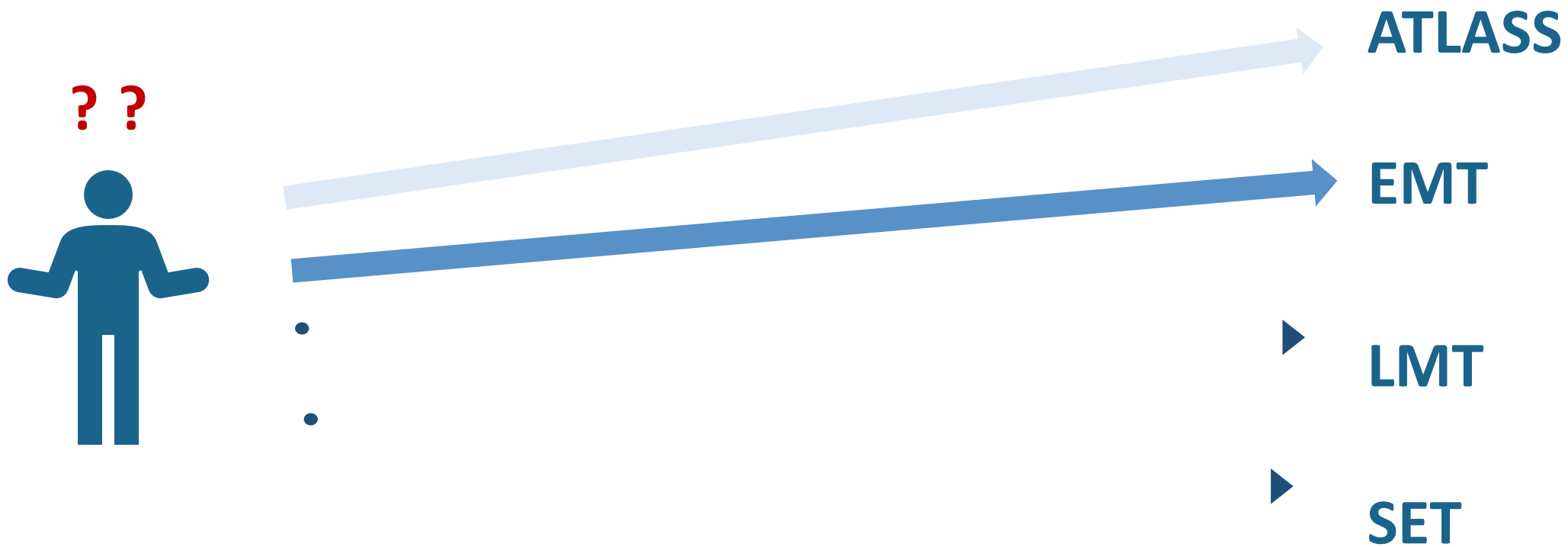
**Where do I start?**

## Tools fit for purpose – how to choose



**Purpose:** I want to improve national surveillance and diagnostics for AMR in the food, agriculture and animal health sectors to develop by AMR action plan

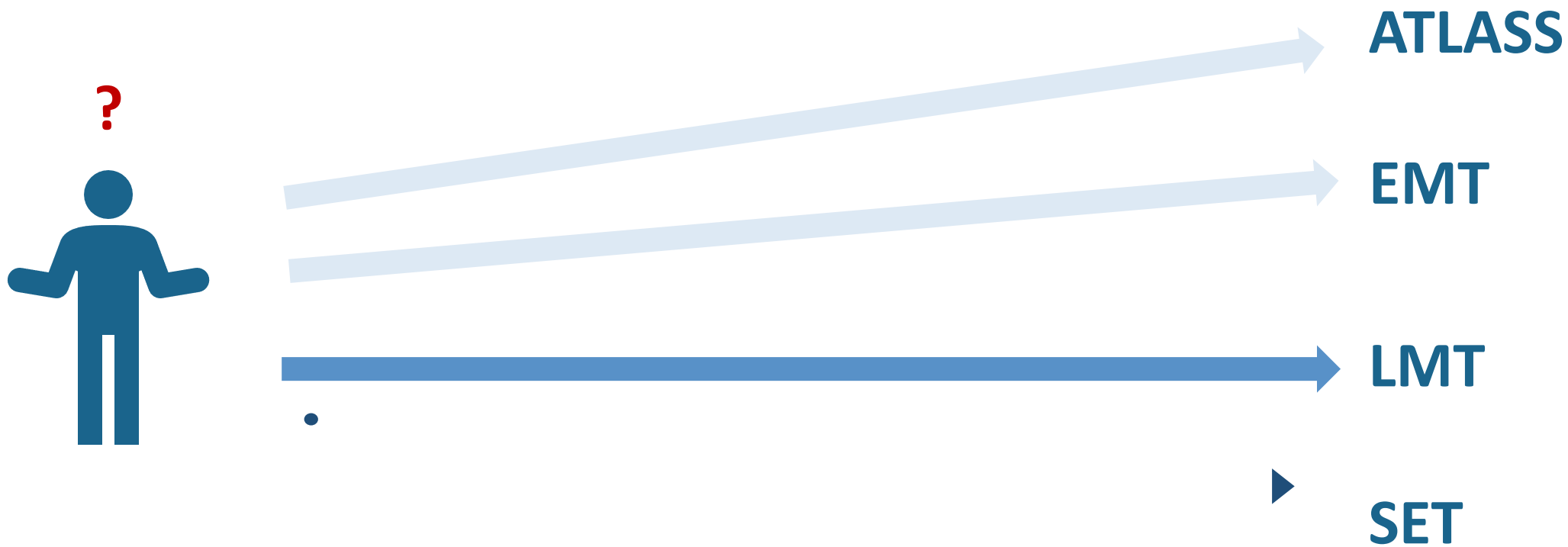
## Tools fit for purpose – how to choose



**Purpose:** I want improve the veterinary services' epidemiology capacity and how it is used by decision makers

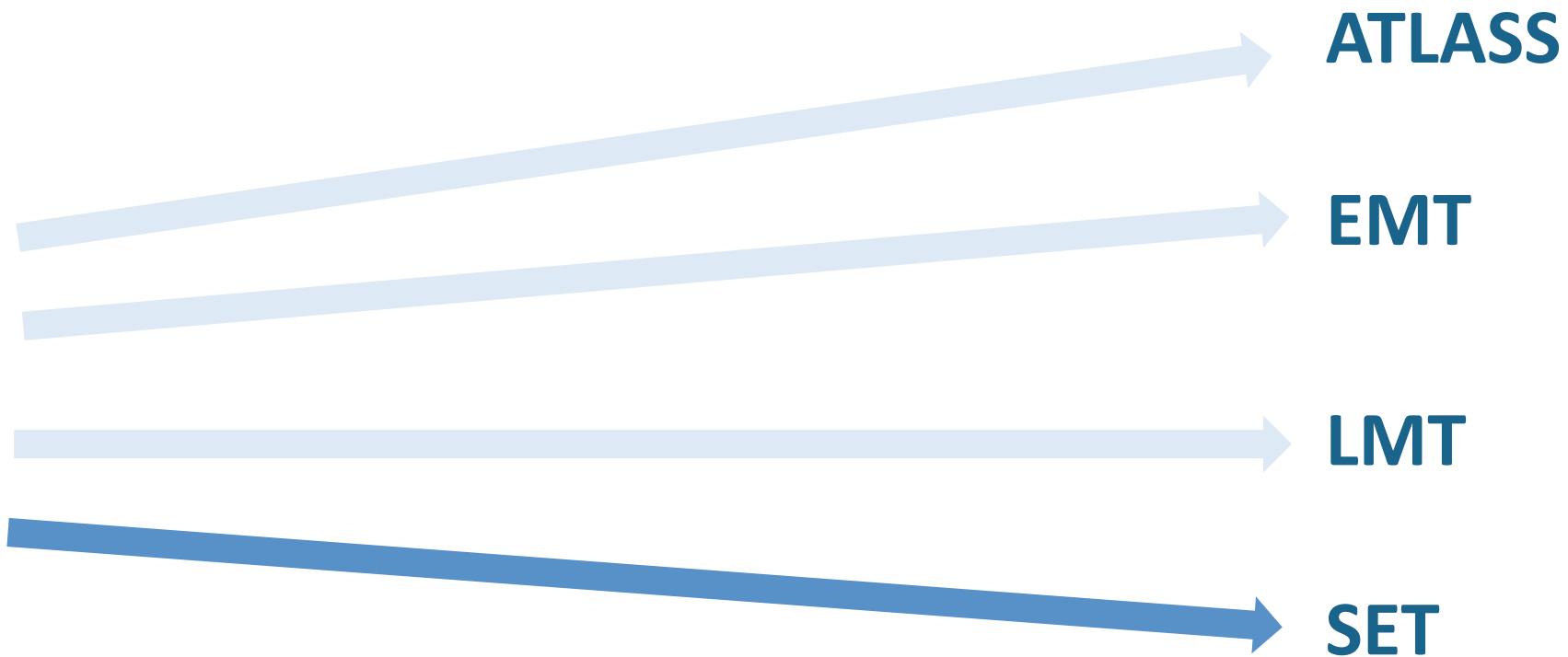


## Tools fit for purpose – how to choose



**Purpose:** I want to improve my individual veterinary laboratories and the national veterinary laboratory network capacities and capabilities

## Tools fit for purpose – how to choose



**Purpose:** I want to improve how surveillance is conducted for animal diseases in my country

## Tools fit for purpose – how to choose



### *Surveillance and Information Sharing Operational Tool (SISOT)*

- Provides countries with a list of tools/resources to enhance zoonotic disease surveillance – based on country capacity
- Pilot tested in Indonesia (Oct 2021)



**ATLASS**

**EMT**



**LMT**

**SET**

## Concluding thoughts

- These tools can support activities in your work plans by implementing evidence-based interventions
- Support from RAP & HQ is available to implement the tools in your countries
- COVID-19 has presented challenges in implementing country-based activities
  - We can adapt the methodology to virtual/hybrid based on evolving situation

# Questions

