

**UTF/077/ZAM: Technical Assistance to the
Zambia Aquaculture Enterprise
Development Project (ZAEDP)**

Session 3:

Checklist #1: Hazard/Disease scenario setting

Checklist #2: Defining data collection objective

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Checklist #1: Hazard/Disease scenario setting

Scenario setting is a good first step that involves understanding the health status of a specific pathogen or disease in a country. The three likely scenarios are:

- **Scenario 1: Infected:** the aquaculture species is infected with the pathogen or disease of concern as supported by one or more cases reported during the two previous years
- **Scenario 2: Considered free:** the country did not have any reported cases in previous surveillance activities
- **Scenario 3: Unknown status:** (1) there are no reported cases and no previous surveillance activities; (2) there are reports of cases (grey and scientific literature) and/or information from the producer sector but not officially reported by the Competent Authority to OIE (in case of OIE-listed disease). In all cases, the country is considered at risk.

The selection of the scenario will assist in drawing the next step, i.e. defining the surveillance objective.

Checklist #2: Defining data collection objective

- The objective of surveillance is strongly associated with disease of concern and the status of the disease in a country, the level of certification and the time-frame.
- Defining a clear objective is a very important step as the components and other requirements and activities of the surveillance system will be determine based on the set objective.

2	Defining data collection objective	<ul style="list-style-type: none">• Set with respect to disease• Set with respect to disease presence• Set with respect to level of certification• Set with respect to timeframe
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Defining the data collection objective for EUS surveillance according to different health status scenarios: examples.

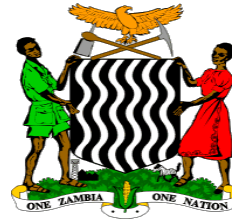
EUS surveillance scenario	Objective/purpose of EUS surveillance	Countries
Infected country (one or more EUS cases reported in previous two years)	<p>To establish frequency of the EUS at national level in wild and farmed populations for a period of one year</p> <p>To identify possible risk factors for EUS spread for the purpose of developing more targeted disease control program</p> <p>To establish a transparent reporting system (according to OIE requirements)</p>	<p>Zambia</p> <p>Zimbabwe</p>
Considered free (no reported cases in previous surveillance activities)	<p>To confirm present status of EUS in country</p> <p>To secure early detection of EUS</p>	<p>Malawi</p> <p>Mozambique</p>
Unknown status (no reported cases and no previous surveillance activities, however considered at risk)	<p>To investigate presence/absence of EUS in wild and farmed fish</p> <p>To secure early detection of EUS</p>	<p>Botswana</p> <p>Namibia</p>

Defining the data collection objective for TiLV surveillance according to different health status scenarios: examples.

TiLV surveillance scenario	Objective/purpose of EUS surveillance	Countries
Infected country (one or more TiLV cases reported in previous two years)	<p>To establish frequency of the TiLV at national level in wild and farmed populations for a period of one year</p> <p>To identify possible risk factors for EUS spread for the purpose of developing more targeted disease control program</p> <p>To establish a transparent reporting system (according to OIE requirements)</p>	
Considered free (no reported cases in previous surveillance activities)	<p>To confirm present status of TiLV in country</p> <p>To secure early detection of TiLV</p>	Zambia (?)
Unknown status (no reported cases and no previous surveillance activities, however considered at risk)	<p>To investigate presence/absence of TiLV in wild and farmed fish</p> <p>To secure early detection of TiLV</p>	Zambia (?)

Working Group Exercise 1 and 2

- Learning objective: To set the appropriate scenario for Zambia, i.e. determine the country's health status with respect to EUS and TiLV and define the data collection objective
- Duration: 30 minutes including presentations
- Tasks:
 - Divide the participants into 2 groups (Group 1 and Group 2)
 - Appoint a leader/presenter and rapporteur
 - Group 1 will select the appropriate country health status scenario with respect to EUS (Checklist#1) and define the data collection objective ((Checklist#2)
 - Group 2 will select the appropriate country health status with respect to TiLV (Checklist#1) and define the data collection objective ((Checklist#2)
 - Reporting



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Thank you for your attention