

Sub-Regional workshop on AMR in Aquaculture/Atelier Sous-Regional sur la RAM en Aquaculture



Scoping the risk analysis

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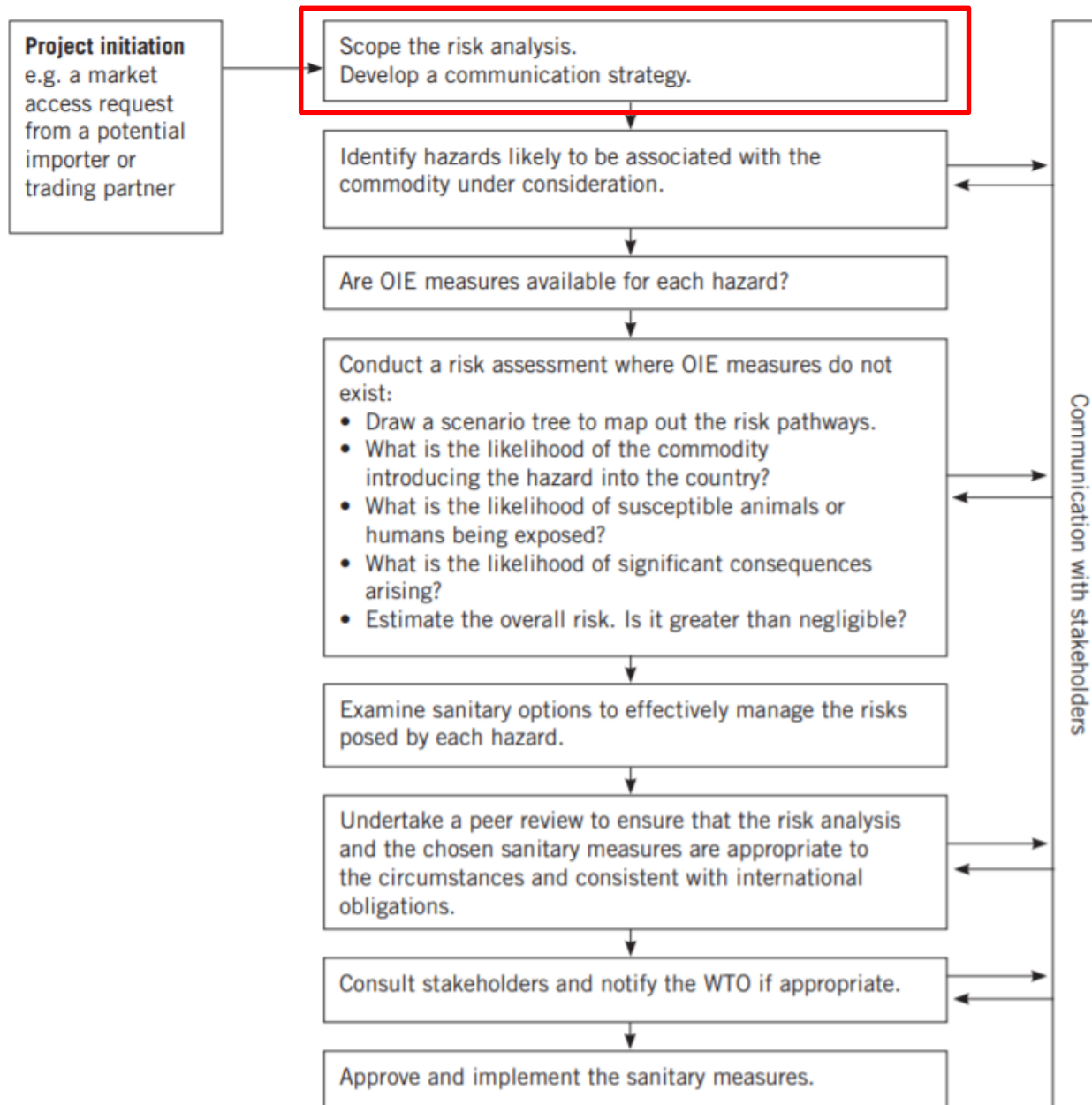


Figure 5 A flowchart for a risk analysis

Determining the **scope** of the risk analysis requires that the subject of the risk analysis be defined as precisely as possible.

Frame the risk question

Important to frame the risk question.

Determine the scope of the risk analysis

- Define as precisely as possible
 - Risk to humans – to animals?
 - The nature, source(s) and intended use(s) of the animals or animal products
 - The scientific name(s) of the animal species
 - Describe the production system
 - A prescriptive title

Scoping

- Use scientific names in references fx Mozambique tilapia (*Oreochromis mossambicus*)
- Describe nature source and intended use of commodity
- Describe relevant methods of production, processing or testing
- Quality assurance programmes applied

Scope

- Each risk analysis should be appropriate to the commodity/animals under consideration
- The narrower the scope the less complex an analysis is

AMR risk analysis:

- Use of Florfenicol in aquaculture
- Use of Florfenicol in Rainbow Trout (*Oncorhynchus mykiss*) aquaculture
- Use of Florfenicol to treat Rainbow Trout Fry Syndrome (*Flavobacterium psychrophilum*) in Rainbow Trout (*Oncorhynchus mykiss*) aquaculture

Statement of Purpose

Summary

The purpose of the risk analysis should be stated in an appropriate form, for example:

- To identify and assess the likelihood of [*the hazard(s)*] being introduced and spreading or becoming established in [*the importing country*] together with the likelihood of and the likely magnitude of their potential consequences for animal or human health as a result of importing [*the animals or animal products*].
- To recommend sanitary measures as appropriate.

An example

Box 2 An example of a suitable title and statement of purpose for an import risk analysis

Title: Import risk analysis: African horse sickness virus in domestic horses (*Equus caballus*)

Purpose: To identify and assess the likelihood of African horse sickness virus (Family *Reoviridae* Genus *Orbivirus* African horse sickness viruses 1 to 10) being introduced and spreading or becoming established in New Zealand together with the likelihood of and the likely magnitude of its potential consequences for animal or human health as a result of importing domestic horses (*Equus caballus*).

Handbook on Import risk analysis for animals and animal products



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