



**Food and Agriculture Organization  
of the United Nations**

# **Introduction to the Project and Workshop Objectives**

**Melba B. Reantaso**

**Project Inception Workshop of GCP/RAF/510/MUL:  
Enhancing capacity/risk reduction of emerging Tilapia Lake Virus (TiLV) to African tilapia aquaculture  
Southern Sun Myfair Hotel, 23-24 October 2018, Nairobi, Kenya**

# Genesis of the Project

- **July 2017:** inquiry from Angola Permanent Representative to Rome (Ms Dos Santos and Mr C Amaral) expressing their concern about tilapia diseases; FIAA advised current info about TiLV and provided advice what can be done
- **15 September 2017:** Permanent Rep of Angola wrote to FAO DDG
- **24 October 2017:** MR presented the proposal to the ASTF Steering Committee Meeting in Rome
- **29 March 2018:** final approval after internal clearances and putting into the FAO FPMIS system
  - 1 April 2018-March 2020
  - 6 countries: Angola, **Egypt**, Ghana, Kenya, Nigeria, Uganda

# Genesis of the Project

## • **Recommendations for Angola:**

- Map out the existing tilapia farms and initiate an active surveillance programme to determine the country health status with respect to TiLV
- Determine whether Angola has imported live tilapia in the past and trace these importation/s and determine the health status of those imports
- Initiate public information campaigns to advise aquaculturists of the threat posed by TiLV, its clinical signs and the need to report unexplained large-scale mortalities to biosecurity authorities, and that so far there is no public health concern for the pathogen; however there is a significant risk of TiLV being translocated both inter- and intra-continentially through the movement of infected live tilapias in the absence of appropriate biosecurity measures.
- Where unexplained mortalities occur, conduct appropriate diagnostic testings, particularly if clinical signs similar to those reported for TiLV are observed.
- Conduct a risk analysis of the likelihood of TiLV being introduced to Angola
- Enhance capacity on TiLV diagnostics, surveillance, biosecurity and emergency preparedness at all levels
- Concerning the possibility of exploring ASTF funding to support actions to address TiLV, FIAA prepared a rough concept note that will focus on TiLV capacity building (diagnostics, surveillance, biosecurity and emergency preparedness), awareness raising and risk communication.

# **GCP/RAF/510/MUL: Enhancing capacity/risk reduction of emerging Tilapia Lake Virus (TiLV) to African tilapia aquaculture**

## **Objectives**

- Strengthen aquaculture biosecurity governance and knowledge and capacities on TiLV pathology, diagnostics, surveillance, emergency preparedness, contingency plans and adoption of farm-level TiLV biosecurity and tilapia good farming practices through a National Action Plan on TiLV.
- Exchange knowledge and establish networking support to aquaculture biosecurity and Aquatic Animal Health (AAH) management among participating countries and experts.

## **Outcomes:**

- Effective biosecurity governance through well-planned TiLV national action plans to reduce the negative impacts of the disease.
- Information and knowledge on good and effective aquaculture biosecurity and Aquatic Animal Health (AAH) management practices are shared among the participating African countries.

# GCP/RAF/510/MUL: Enhancing capacity/risk reduction of emerging Tilapia Lake Virus (TiLV) to African tilapia aquaculture

Activities	Time-Line	Venue
Project Inception Workshop	23-24 October 2018	Nairobi, Kenya
Preparatory work re: requirements for 10-day intensive regional training course on TiLV (technical, logistics/operational and country level information, etc.)	October-November 2018	
First regional workshop: Intensive TiLV training course	First two weeks of December 2018	Kisumu (?)
Country level implementation of TiLV National Action Plan: Diagnostics, Surveillance, Information dissemination, National consultation, Emergency preparedness		
Second regional Workshop: Analysis of surveillance data and implementation of TiLV NAP	End of 2019, early 2020 or back to back with International Technical Seminar on TiLV	
International Technical Seminar on TiLV	March 2020	

# **GCP/RAF/510/MUL: Enhancing capacity/risk reduction of emerging Tilapia Lake Virus (TiLV) to African tilapia aquaculture: Project Inception Workshop**

## **Purpose/Objectives:**

- (1) introduce the project GCP/RAF/510/MUL: Enhancing capacity/risk reduction of emerging Tilapia Lake Virus (TiLV) to African tilapia aquaculture to participating countries and relevant stakeholders;
- (2) introduce the disease TiLV, current state of knowledge and risks to African tilapia aquaculture;
- (3) discuss project implementation mechanism; and
- (4) identify potential bottlenecks and/or risk in project implementation (especially at national level) and find ways in advance to avoid such risks.

# Process/Agenda

## Session 1:

Introduction to the project GCP/RAF/510/MUL: Enhancing capacity/risk reduction of emerging Tilapia Lake Virus (TiLV) to African tilapia (M Reantaso)

Status of tilapia aquaculture in Africa and trends in tilapia trade (regional and international) (M VanDerKnaap)

## Session 2: Introduction to TiLV: current state of knowledge

TiLV: Emergence and current distribution (W Surachetpong)

TiLV: Pathology and diagnostics (K Tang-Nelson)

TiLV: Prevention and control (W Surachetpong)

TiLV: Risks and risk management (M Reantaso)

TiLV Diagnostics requirements (K Tang-Nelson)

Aquatic animal disease surveillance (N Fejzic)

Surveillance requirements (N Fejzic)

Socio-economic impact assessment methods and requirements (M Nagadya)

FAO Emergency Management Tools (Charles Bebay/Baba Soumare)

National Action Plans on TiLV (M Reantaso)

## Session 3: Project implementation mechanism

First regional workshop: Intensive TiLV training course

Development of National Action Plans (NAP) on TiLV: diagnostics, surveillance, awareness raising, socio-economic impact assessment,

National implementation of TiLV NAPs

Second regional workshop: surveillance data analysis and progress reporting on NAP on TiLV

International Technical Seminar on TiLV (2020)

**Session 4:** Potential bottlenecks and/or risk in project implementation (especially at national level) and find ways in advance to avoid such risks.

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**Participation:** The PIW will be participated by the following:

- Designated National Project Coordinators (or alternates): 1/country
- Nominated official delegates to the project: (2/country)
- Local representatives from host country (Kenya): 10
- International Consultants: 4
- FAO: ECTAD, FAORs, FIAA, RAF



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**Products:** The expected outcomes of the PIW are below:

- 1) enhanced knowledge about the project, objectives, scope, components, outputs and implementation plans
- 2) enhanced knowledge on various aspects of TiLV
- 3) detailed implementation plan: requirements, components, time-line, risks, responsibilities



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# Thank you for your attention

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