



## **The Regional Training Workshop on the Development of a Code of Good Management Practices for Central Asian Aquaculture, 8-9 May 2012, Golden Dragon Hotel, Bishkek, Kyrgyz Republic**

### **1.0 Background**

Aquaculture production and trade in aquaculture products continue to grow at a fast pace, responding to increased global demand for fish, shrimp mollusks and other aquatic products. With increasing volume of production, trade and consumption there is concurrent and increasing demand for sustainability, social acceptability and human health safety from the aquaculture sector. One of the reasons for this demand is aquaculture usually has not been considered in national planning related to resource use such as soil and water conservation, water pollution, plant and animal quarantine programs, and other aspects of environmental management. However, countries must consider to prevent the potential to cause adverse impacts as aquaculture has become or identified as a potential major food producing sector for food security and enhancement of livelihoods and income, particularly for rural poor. Public and scientific opinion is demanding better environmental stewardship, and wiser use of dwindling world resources. There are several reasons why aquaculture practices methods should be improved and some of the reasons are listed below.

- Consumers are concerned with food safety and want food produced by environmentally- and socially-responsible methods.
- Environmental groups seek to relieve pressure on natural fisheries through responsible aquaculture.
- Developed nations are depending more on imported food and want to assure that good production practices are used in exporting nations.
- Aquaculture industry wants to assure its markets.
- Governments want to protect the environment and to promote exports.

This concern is not only affecting international trading environment and pressurizing producers to focus on production methods to address those issues, but also challenges producing countries to develop and implement adequate and appropriate policies and institutions that provides a conducive environment for responsible production and trade. To assist in achieving these objectives, the members of the Food and Agriculture Organisation of the United nations in 1995 adopted the Code of Conduct for Responsible Fisheries (CCRF), providing a framework for responsible development of fisheries and aquaculture.

Therefore, the aquaculture industry of the countries has a moral responsibility to respond to CCRF concerns proactively by voluntarily developing and regulating more ecologically

responsible aquaculture industry. An effective approach to voluntary regulation of an industry is for its members to adopt codes of practices that contain Good Management Practices (GMPs) designed to ensure a sustainable aquaculture industry which is socially and environmentally responsible. The systems of GMPs will have to be customized for site characteristics, production goals, and national interests. The most practical procedure appears to be for an industry group to develop a general code of practice for a region or a nation, and this code of practice can be satisfied through application of site-specific GMPs.

Aquaculture is increasingly recognize in many Central Asian countries as an important economic entity and great focus has been placed on the development of the sector with the establishment of the regional FAO body on Central Asian and Caucasus Regional Fisheries and Aquaculture Commission. Compared to other regions in Asia, Central Asia lacks codes of aquaculture good management practices. Since, both Support to Fishery and Aquaculture Managements in the Kyrgyz Republic (GCP/KYR/003/FIN) project and Central Asia Regional Programme for Fisheries and Aquaculture Development (FishDev Central Asia) support sustainable aquaculture development in the region, took this fact into consideration and has planned to conduct a regional workshop to contribute towards development of codes of aquaculture GMPs in Central Asian countries.

## **2.0 Purpose**

The purpose of the workshop is to develop Principles for Responsible Aquaculture applicable to Central Asian region to provide with basis of development of more locally applicable and site specific Codes of GMPs or other management approaches for aquaculture, suitable for adoption by farmers in particular social, environmental and economic contexts. It is further expected that the principles will provide public and private sectors with the basis of developing planning and operational management of responsible aquaculture in Central Asian countries. The principles and implementation guidance consider technical, environmental, social and economic issues associated with the aquaculture practices and provide a basis for industry and government management to improve the overall aquaculture practices at national and regional levels.

For stakeholders the principles and implementation guidance provide the basis upon which they can collaborate for a more sustainable development of aquaculture. For governments, they provide the basis for policy, administration and legal frameworks, that can be renewed, adjusted, funded and implemented to address the specific characteristics and needs of the sector in order to protect and enhance the industry, the environment, other resource users and consumers. In most of Central Asian countries the existing legislation and guidelines have been modified from those suitable for other industries and are not always applicable to aquaculture. Strengthening of institutional arrangements, capacity and partnerships is also important to ensure the cooperation and coordination of all relevant institutions with jurisdiction over natural resources, animal and public health. The principles and guidance in the code will also provide the basis for development of standards and certification systems in aquaculture.

### **3.0 Objectives**

- To raise awareness on CCRF and the development of responsible aquaculture in Central Asian region and importance and applicability of code on aquaculture GMPs
- To develop Regional Principles for Responsible Aquaculture in Central Asia to provide the basis to develop more nationally applicable and site specific Codes of GMPs
- To submit the developed Regional Principles for Responsible Aquaculture in Central Asia to CACFish for adoption and dissemination.

### **4.0 Expected outputs**

The expected output is to develop a set of Regional Principles for Responsible Aquaculture in Central Asia with justification for each principle and implementation guidance.

### **5.0 Organisation and partners**

The workshop will be held at the Golden Dragon Hotel in Bishkek in collaboration with the Central Asia Regional Programme for Fisheries and Aquaculture Development-FishDev Central Asia, under the FAO Turkey partnership Programme (FTPP), the Department of Fisheries of the Ministry of Agriculture and Melioration, Kyrgyz Republic. Financial support for the workshop is received from the Support to Fishery and Aquaculture Management of the Kyrgyz Republic Project (GCP/KYR/003/FIN) of the FAO sponsored by the Government of Finland and FishDev Central Asia Programme, a regional programme being conducted under the FAO-Turkey Partnership Framework.

### **6.0 Participants**

The workshop is designed for fisheries and aquaculture senior officials of selected Central Asian countries (Azerbaijan, Kazakhstan, Kyrgyz Republic Tajikistan, Turkmenistan and Uzbekistan), Turkey and representatives of fishers' and farmers' groups, technical staff of the Department of Fisheries, and relevant institutions involved fisheries and aquaculture in the Kyrgyz Republic.

Full financial support will be provided by the organizers of the workshop to three participants from Azerbaijan, Kazakhstan, Tajikistan, Turkmenistan and Uzbekistan). For Kyrgyz Republic the support will be provided to eight local participants.

### **7. Language of Workshop**

During the workshop, communication will be done in Russian and English. Workshop material will be provided both in Russian and English and interpretation service will be provided at the workshop.

### **8.0 Venue**

Golden Dragon Hotel, 60 Elebayev Street, Bishkek, Kyrgyz Republic

## **9.0 Workshop contact**

### Workshop Contact Point 1:

Support to Fishery and Aquaculture Management in the Kyrgyz Republic Project

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## WORKSHOP PROGRAMME

Time	Workshop programme item	Person responsible
<b>08<sup>th</sup> May 2012</b>		
8.30 – 9.00:	Registration of participants and resource persons	All participants and resource persons
9.00 -9.30	<b>Opening ceremony</b>	
9.00 – 9.05	Welcome speech	Dogdurbek Dogochiev/ Director, DoF Mr. Djanibekov Askarbek (Minister/MoAM)
9.05 – 9.15	Opening speech	
9.15 – 9.20	Speech by Director State Agency for Environmental Protection and Forestry	Mr. Sabyr Atajanov
9.20 – 9.25	Speech by Assistant FAO Representative, Kyrgyz Republic	Ms. Dinara Rakhmanova
9.25 – 9.35	Introduction of participants	All participants
9.35 – 9.45	Background, objectives and expected outputs of the workshop	Sunil Siriwardena
9.45 – 10.30	Opportunity for participants to inform the workshop whether initiatives are in place to develop codes on GMPs in aquaculture/fisheries	One participant from each country
10.30 – 11.00	<b>COFFEE BREAK AND GROUP PHOTOGRAPH</b>	
11.00 – 11.45	CCRF and development of Codes of GMPs in aquaculture: Need and importance to sector development	Rohana Subasinghe
11.45 – 12.15	What are codes, guidelines, standards and good management practices and certification in aquaculture?	Haydar Fersoy
12.15 -13.00	Code of aquaculture good management practices: What should be included and how to develop?	Haydar Fersoy
13.00 – 14.30	<b>LUNCH</b>	
14.30 – 16.00	Development of GMPs in system siting, designing and construction	Sunil Siriwardena
16.00 – 16.15	<b>COFFEE BREAK</b>	
16.15 – 17.45	Development of GMPs on System operation	Sunil Siriwardena
17.45 – 18.00	Wrap up of the day	
<b>23<sup>rd</sup> May 2012</b>		

9.00 – 9.30	Development of GMPs to reduce environmental impacts and ensure community rights and relations	Sunil Siriwardena
9.30 – 10.00	GMPs on Biosecurity and food safety	Rohana Subasinghe
10.00 – 10.30	<p>Group exercises to develop regional principles for responsible aquaculture development</p> <p>Group 1: System siting, designing and construction</p> <p>Group 2: System operation and management (System preparation, water use, feed management, health management and effluent discharge)</p> <p>Group 3: Broodstock and post larvae, biosecurity, food safety and social responsibility</p>	All groups
10.00 – 10.30	<b>COFFEE BREAK</b>	
10.30 – 13.00	Continuation of development of regional principles	All groups
13.00 – 14.30	<b>LUNCH</b>	
14.30 - 16.00	Presentation of regional principles to plenary: Groups 1 and 2	Plenary
16.00– 16.15	<b>COFFEE BREAK</b>	
16.15 – 17.00	Presentation of regional principles to plenary: Groups 3	Plenary
17.00 - 17.30	Way forward and close	