

**United Nations Development Group Iraq Trust Fund**  
**Project #: A5 -15**  
**Date and Quarter Updated: July - September, 2010 (Quarter 3)**

**Completed and Operationally Closed as of 30 September, 2010**

<b>Participating UN Organisation:</b> Food and Agriculture Organization of UN (FAO)	<b>Sector:</b> Agriculture and Food Security
<b>Government of Iraq - Responsible Line Ministry:</b> Ministry of Agriculture (MoA)	

<b>Title</b>	Restoration and modernization of fish production in Iraq				
<b>Geographic Location</b>	Iraq - Center/South Provinces ,Missan, Babylon, Wasit ,Baghdad Governornets				
<b>Project Cost</b>	US\$ 7 312 177				
<b>Duration</b>	52 months				
<b>Approval Date (SC)</b>	20 Apr 2006	<b>Starting Date</b>	18 May 2006	<b>Completion Date</b>	Original: 18 May 2008 Extension until: 30/09/2010
<b>Project Description</b>	Given the large water bodies around the project area, the high market demand for carps, the dynamic private sector, the availability of wide areas of alluvial saline soils and the feasibility of increasing production by reactivating presently non-operational farms, the project aims to support the fish sub sector in Iraq and to increase significantly the production from existing farms through improved and proven management and production technology.				

<b>Development Goal and Immediate Objectives</b>
<p>The development goal is to improve food security through the support of fish production in Iraq by stimulating the resumption of fish farming in large and small scale enterprises through practical demonstrations of applicable fish farming techniques, supply at cost of fingerlings, and on-going support of an active, applied and adaptive research programme.</p> <p>The immediate objectives of this project are to:</p> <ol style="list-style-type: none"> <li>1. Build or restore the productive capacity to supply fish fingerlings to the commercial fish farming industry.</li> <li>2. Build and restore a series of fish farming enterprises in the most needed areas in Iraq.</li> <li>3. Demonstrate new lake-based fish farming methods, and initiate stocking of native carps in selected lakes.</li> <li>4. Improve local capacity to manage and develop the fishery/aquaculture sector.</li> </ol>

<b>Outputs, Key Activities and Procurement</b>	
<b>Outputs</b>	<ul style="list-style-type: none"> <li>• Ecological and socio-economic baseline study conducted at Huweza marsh in favour of fisheries and aquaculture development.</li> <li>• Central fish hatchery and laboratory upgraded,</li> <li>• New hatchery for native carp breeding plus two pilot cage fish culture facilities established</li> <li>• Complete closed recirculation system for exotic carp fish breeding and fingerling production established.</li> <li>• Capacity built among Iraqi scientists and technicians of GBFRD in aquaculture development and current fish farming practices.</li> <li>• Relevant extension material prepared.</li> </ul>
<b>Activities</b>	<ul style="list-style-type: none"> <li>• Complete final report of Huweza marsh survey prepared by Basrah University and send to H.Q in order to print and publication</li> <li>• Construction of one Research Center at Huweza and two administrative buildings at</li> </ul>

	<p>Hindia and Kut dams</p> <ul style="list-style-type: none"> <li>• Installation of closed recirculation system at Sewera and installation of pilot cages at Hindia and Kut</li> <li>• Construction of the Chinese hatchery with overhead tank.</li> <li>• Preparation of extension materials.</li> <li>• Capacity built among Iraqi scientists</li> </ul>
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<b>Funds Committed</b>	USD \$ 7,062,626	<b>% of approved</b>	96.59%
<b>Funds Disbursed</b>	USD \$ 6,818,629	<b>% of approved</b>	93.25%
<b>Forecast final date</b>	31/9/2010	<b>Delay (months)</b>	27

<b>Direct Beneficiaries</b>	<b>Number of Beneficiaries</b>	<b>% of planned (current status)</b>
Men*	9,000	100%
Women		
Children		
IDPs		
Others		
Indirect beneficiaries	1,250	100%
Employment generation (men/women)	60	100%

\*In Iraq fisheries activities are done predominately by men. This programme targets the fishermen but indirectly benefits women and children, etc.

<b>Quantitative achievements against objectives and results</b>			
Training and capacity building	Completed	% of planned	100%
Installation of closed recirculation system	Completed	% of planned	100%
Construction of building structures and ponds for hatchery facilities at Huweza marsh	Completed	% of planned	100%
Construction of two administration building of Kut & Hindia sites	Completed	% of planned	100%
Construction of Chinese style hatchery tanks and water tower	Completed	% of planned	100%
Procurement and installation of laboratory equipments of hatchery at Huweze Marsh	Completed	% of planned	100%
Preparation and publication of extension materials.	Completed	% of planned	100%
Procurement truck for fish transfer	Completed	% of planned	100%
Installation of fish pilot cage culture at Kut and Hinda dams	Completed	% of planned	100%

### **Qualitative achievements against objectives and results**

All of the project activities and outputs that were originally outlined in the project document have been achieved. The project needed few time extensions in order to complete the project properly due the complexity of the procurement and implementation procedures in fishery sector. However, all project activities were completed with proper handover process to the Iraqi counterpart.

All Extension manuals are published and delivered to Iraq as part of the training process in this project. The Baseline study of Huweza marsh has also been published by FAO-Iraq in Amman and delivered to Iraq.

All training and capacity building has already been achieved, including a local training at Al Suwaira Hatchery, held in July, 2010, as part of the capacity building for 26 fish farmers from different governorates (Baghdad, Wassit, Qadissiya and Babil), to introduce them to the new technologies implemented in Iraq in fish farming. The training course included theoretical and practical practices in Laboratory as well as field visits.

The procurement of the cages at the Kut and Hindia dam is completed and the installation is under GBFRD/MoA responsibility, as part of the major activity in this project.

Completion of the Chinese Hatchery and the Closed Recirculation System is a big breakthrough for Iraq, through this project's intervention, introducing new fishery technique to increase quality and quantity of fish production in Iraq.

### **Main implementation constrains & challenges (2-3 sentences)**