

United Nations Development Group Iraq Trust Fund
Project #:A5-29
Date and Quarter Updated: 10 February 2010 (Start up info)

Participating UN Organisation: UNIDO **Sector:** Agriculture and Food Security
Government of Iraq – Responsible Line Ministry: Ministry of Industry and Minerals

Title	Rehabilitation of the Mosul Dairy Plant				
Geographic Location	Ninewa Governorate, Mosul				
Project Cost	US\$ 2,519,606 (US \$ 6,000,000 in kind from line ministry for equipment)				
Duration	24 months				
Approval Date (SC)	17 December 2009	Starting Date	22 January 2010	Completion Date	January 2012
Project Description	<p>This project will assist the Government of Iraq in the process of rehabilitating and revitalizing the country’s economic infrastructure and promoting industrial development particularly by elaborating a sector development strategy for the dairy sector in the northern provinces of Iraq and providing support for the rehabilitation of the Mosul dairy plant. Apart from the direct employment within the Mosul dairy plant the project has a multiplier effect creating new jobs in the transportation and retail chain in the long run as well as encouraging farmers to increase the milk production.</p> <p>Enhancing national capacities for quality and quantity of milk production in Iraq is an important step in replacing imported food by local produce. In order to become a competitive unit besides the technology in use and the well trained staff, the basic infrastructure of the processing facilities also have to fit the purpose. The project will address this issue by provision of support for the rehabilitation of the Mosul dairy plant in order to improve milk (especially cheese) processing and to establish a viable and reliable partner for dairy farmers.</p> <p>The Programme strategy is based on two pillars:</p> <ul style="list-style-type: none"> • Capacity building: <ul style="list-style-type: none"> ○ Institutional capacity building involving staff from Ministry of Industry and Minerals (MoIM) and Ministry of Agriculture (MoA) as well as regional authorities, staff from the State Company for Dairy Products (SCDP) and Universities ○ Human resources development, involving staff from private and public sector as well as farmers <p>and</p> <ul style="list-style-type: none"> • Technology transfer: <ul style="list-style-type: none"> ○ Facilities rehabilitation according to international standards allowing the application of Hazard Analysis and Critical Control Point (HACCP) conform processing ○ Investment of new processing lines 				

Development Goal and Immediate Objectives

The purpose of the project is the enhancement of production and productivity within the agricultural sector by focusing on dairy related elements.

More specifically, the present project will support the:

- Development of a dairy sector strategy for the northern provinces of Iraq allowing its sustainable development and investments for the utilization of locally produced milk.
- Enhancement of national capacities in terms of quality and quantity of milk produced in Iraq
- Provision of support for the rehabilitation of the Mosul dairy plant in order to improve milk (especially cheese) processing and to establish a viable and reliable partner for dairy farmers

Outputs, Key activities and Procurement

Outputs	<ul style="list-style-type: none"> • MoIM, regional authorities and SCDP staff have improved capacities to develop strategies and plans. • Enhanced national capacities for quality and quantity of milk production in Iraq • Mosul dairy plant rehabilitation supported for improved dairy production
Activities	<p>Core activities will be related to :</p> <ul style="list-style-type: none"> • Development of a sector wide strategy for the Northern provinces. • Organise and implement a variety of technical, entrepreneurship and policy related trainings and workshops to strengthen the capabilities of staff of the MoIM, regional authorities and the State Company of Dairy products (SCDP) allowing the focussed long term development of the dairy sector aiming at replacing imported milk products by local produce. • Provision of assistance in the development of a quality based milk pricing system, thus establishing an attractive tool for increasing milk production and improving the quality, shelf live and competitiveness of the local produced milk products. Throughout the lifespan of the project awareness raising activities will be carried out to improve the commitment of the farmers to quality production. These activities will be supported by interventions to strengthen human resources. • Increasing the existing pool of trainers allowing an enlarged regional as well as broadened thematic coverage • Key persons for the further development of the sector will be exposed to international sector specific conferences (e.g. International Dairy Federation) and fairs (technology and product related). • Key staff from dairies (SOE-especially Mosul and private sector) will be trained in marketing, business administration but also in the application of new technologies. • Rehabilitation of the existing facilities in order to establish the necessary physical infrastructure for milk processing with emphasis on cheese. • The basic supplies installations will be renewed and the sewage system modernized • The milk collection system will be improved through rehabilitation of a collection centre, procurement of a milk collection truck and advocating for on-farm cooling of the fresh milk • Assisting the SCDP and the management of the Mosul Dairy plant in the procurement of dairy equipment and machinery by joint development of specifications as well as review of received offers
Procurement (major items)	<p>Tentatively planned procurement focuses on:</p> <ul style="list-style-type: none"> • Plant rehabilitation • Milk collection systems • Milk and cheese processing equipment • Capacity building courses

Funds Committed	N/A	% of approved	N/A
Funds Disbursed	N/A	% of approved	N/A
Forecast final date	31January 2012	Delay (months)	N/A

Quantitative achievements against objectives and results

1	MoIM, reg. authorities and SCDP staff have improved capacities to develop strategies and plans	% of planned	N/A
2	Enhanced national capacities for quality and quantity of milk production as well as dairy management in Iraq	% of planned	N/A
3	Mosul dairy plant rehabilitation supported for improved dairy production	% of planned	N/A

Qualitative achievements against objectives and results

Activity	Result
Output 1:	
1.1. Establish a Project Steering Committee involving the main stakeholders for the provision of the strategic direction and oversight	
1.2. In depth assessment of the dairy sector in the Northern Governorates (existing farm, animal and processing structure, including availability of feed)	
1.3. In depth assessment of the market potential of dairy products produced in Northern Provinces (local, regional, national and international)	
1.4. SWOT analysis of the sector	
1.5. Sector vision development	
1.6. Deriving the strategy	
1.7. Development of model business plans derived from the strategy	
1.8. Development of a business plan for at least the Mosul dairy	
1.9. Development of a financial and HRM plan for the Mosul dairy plant	
1.10. Assess the prevailing regulations for raw milk quality and price building	
1.11. Development of a quality and content based pricing scheme for raw milk	
1.12. Raise awareness on the benefits of quality milk production	
1.13. Monitoring of the impact of the project activities on income, employment and sector development	
Output 2:	
2.1. Development of a work plan for the capacity building component	
2.2. Provision of refresher training of trainers trained under the pilot project for the dairy sector development	
2.3. Development of different training programmes for dairy staff regarding technology, marketing and business administration	
2.4. Development and adaptation of training material	
2.5. Provision of training to staff of SOE and private dairies	
2.6. Organization of a study tour to support institutions for the dairy sector	
2.7. Encourage cooperation between research and processing sectors (farm, animal, technology related)	
2.8. Organization of the participation in sector specific international conferences and fairs	
2.9. Assess the existing extension services for the dairy sector	
2.10. Updating skills of extension service providers	
2.11. Development and dissemination of information	

material for quality milk production	
2.12. Development and introduction of an incentive system encouraging quality milk production	
2.13. Development and enforcement of a reliable quality control system	
2.14. Upgrading of the milk collection system (collection centres and collection trucks)	
2.15. Encouragement of the installation of modern cooling systems at the farm level	
Output 3:	
3.1. Assessment of the facilities and equipment of the Mossul dairy plant	
3.2. Development of a repair and maintenance plan for the existing facilities	
3.3. Repair and maintenance of the facilities and remaining equipment as well as basic installation	
3.4. Identification and specification of the necessary equipment and replacement of basic installation	
3.5. Commissioning of the equipment	
3.6. Provision of training on the proper use of the equipment	
3.7. Development of a maintenance plan for building, Machinery and equipment	

Main Implementation Constraints and Challenges