

Project for Market-Oriented Milk Production in Chuy Province

JICA Technical Cooperation Project

1. Project Framework

- (1) **Signed document and date:** Record of Discussion as of 24 January 2017
- (2) **Period of the project:** July 2017 – July 2022
- (3) **Project Budget:** approx.. 4 mln. USD
- (4) **Counterpart organization(s):** Agro-industrial Complex and Ecology Department Office of the Prime-Minister of the Kyrgyz Republic, Ministry of Agriculture, Food Industry and Melioration of the Kyrgyz Republic (MAFIM), Kyrgyz National Agrarian University named after K.I. Skryabin, State Inspectorate on Veterinary and Phytosanitary Security under the Government of the Kyrgyz Republic, Milk Union of the Kyrgyz Republic
- (5) **Experts of the Project:**
Chief advisor, Project coordinator, Expert on cattle feeding/feed/nutrition/ milking procedures, Expert on cattle health/ milking hygiene / breeding / production disease
- (6) **Project location:** Sokuluk district, Chuy province

2. Project Summary

(1) **Project objective:** Increase the production of raw milk of a high quality which complied with the requirements of Eurasian Economic Union (EEU) market and increase the export potential of dairy products in Sokuluk district and surrounding areas of Chuy Province. Introduce the milk production system that will serve as a model for milk producers throughout Kyrgyzstan.

(2) **General information:** Agriculture is the leading industry of the national economy in the Kyrgyz Republic (12% of GDP). Livestock sub-sector shares some 49 % in the total amount of agricultural production. After the Soviet Union collapse, the dairy farming of the Kyrgyz Republic has been run mostly by small scale farmers who keep several cows on their farms. They have been neglected for the past decades without proper technical and financial support for production and distribution, thereby, quality and quantity of farmer milk has been insufficient for the demand of domestic and international market. Moreover, under the current distribution practices, the milk collectors and dairy processors have been improperly handling and managing farmer milk. In July 2017 the implementation of Project for Market Oriented Milk Production in Chuy Province has started aiming at improving milking techniques of farmers, improving conditions for raw milk transportation by milk collectors, working out a mechanism of purchasing milk depending on its quality, and promotion of trades of dairy products into the area of EEU.

(3) **Activity:**

- a) Identification of issues to be solved and appropriate technologies to be acquired (Forage production management, Feed management, Milking Technologies, Animal disease control, Raw Milk storage control, Raw Milk shipment; Malnutrition and Reproductive difficulties, Mastitis measures, Artificial Insemination).
- b) Preparation of the model farm.
- c) Selection of core farmers, target trainees (including dairy/veterinary technicians), milk collectors and Dairy processing companies
- d) Preparation and revision of manuals of appropriate technologies for farmers and Dairy/Veterinary technicians
- e) Implementation of training courses and farmer-to-farmer training
- f) Establishment of purchasing mechanism of farmer milk in accordance with the milk quality
- g) Formulate dairy promotion policy in MAFIM. Promotion of process in the approval of policy

(4) **Expected outputs:**

- Output 1: Appropriate technologies for raw milk production and management are established in the Model Farm.
- Output 2: Appropriate technologies for dairy cattle feeding, hygiene management, and raw milk production and management are applied in core farmers.
- Output 3: Capabilities of Dairy/Veterinary Technicians are improved, and the appropriate technologies for dairy cattle feeding and hygiene management are disseminated and extended.
- Output 4: Appropriate technologies of distribution and management for raw milk are acquired and applied by selected milk collectors and dairy processing companies in the target area and farmer milk is purchased in accordance with the quality of milk.
- Output 5: The above outputs obtained in the target area are adopted as national dairy promotion policy such as Action plan by MAFIM.

3. Project photos



Photo 1. Japanese expert together with counterparts after finishing works on preparation of silage – forage for cattle



Photo 2. Action Plan preparation process by participants of Project Counterpart training course.