



## RDP Projects Database (PIKSE)

Postcard Template (MS Word 2003)  
Version 2a – September 2010

**Project Title:** Modernization-improvement of milk and dairy products plant

### 'At a glance'

#### Notes

#### Project Theme:

Choose an item:

Competitiveness of Agriculture and Forestry

Please select **only one theme** per project using the **drop-down menu**. Click once on the grey <text box> for options.

#### Sub-theme:

Quality of agricultural production and products

Please enter **one sub-theme** into the grey <text box>. Please ensure that the sub-theme corresponds to the Project Theme above – see **Annex 2** of the Guidance Note

#### Keywords:

Food quality

Food safety

Agri-food industry

Quality control

Milk

Please select **up to 5 keywords** per project from **Annex 3** of the Guidance Note and insert into the grey <text fields> as appropriate.

#### Country/Region:

Greece - Region of Thessaly - Volos

Please insert the **name of the RDP territory** where the **project is located**

#### Final Beneficiary Type(s):

Choose an item: .Producer groups

Choose an item: .Producer groups

Please insert **up to two final beneficiary types** using the **drop-down menu**. Click once on the grey <text box> for options.

#### Project Cost:

Choose an item: > €500 000

Please select **one of the cost ranges** from the **drop-down menu**

#### RDP Measure(s):

123A

Please **insert the RDP measure code** into the grey <text boxes>. Provide **ONLY** the numeric code (e.g. 312). Please **DO NOT** insert the title of the measure

#### Duration:

25.08.2009

Please insert the **official project approval date** (month/year)

30.06.2013

Please insert the **project completion date** – actual or estimated (month/year)

#### Last Updated:

01.02.2013

Please use the grey <text box> to insert the **date (dd/mm/yyyy)** when this postcard is completed.

#### Postcard Author:

Emilia Pavlou

Please insert the **name of the person that produced the postcard**

## Main Postcard Text

Please note that you may enter the text below in English or any other official EU language. The ENRD Contact will arrange the necessary translation into English.

### Background (maximum 150 words):

The project includes the modernization of infrastructure and improvement of production lines as well as the upgrading of the inner operation of the milk plant owned by the Association of Agricultural Cooperatives of Volos (Region of Thessaly). The principal activity of the enterprise is the collection and processing of milk (cow, sheep and goat) for the production of raw milk, cheese and yogurt, and the disposal of these products in the market. The plant is a pioneer in the production of certified organic milk (goat and cow bottled fresh organic milk) and its derivatives (organic goat and sheep yogurt, organic goat butter and cheese) which are available in Greece. This project includes the reforming of the landscape of the unit's surroundings in order to enhance functionality, security and better access. Moreover, it includes the reconstruction of new buildings of 1.700m<sup>2</sup>, where a new complex of reception, storage pasteurization and bottling processes will be installed. The project also includes the supply of indoor air-conditioning, chemical cleaning CIP and equipment for collection, pasteurization, storage and packaging of milk. Moreover, there is included a reverse osmosis system for the conversion of brackish to potable water, the installation of SCADA system, the supply of raw milk transport means and indoor carriage equipment.

### Objective (maximum 100 words):

The main objectives of the project are to ensure the good condition and safety of the products and the health of consumers of dairy products through the renovation of the buildings of the plant, the purchase of new and technologically advanced equipment and the supply of the necessary storage infrastructure. This will lead to a) the establishment of methods, techniques and production conditions that ensure excellent quality characteristics of goods that meet contemporary requirements, b) the achievement of ergonomic operation of the plant and c) the increase of demand for organic products, the production of which has begun during the most recent years. Both organic and conventional products were produced until now in the same place and by using the same technical equipment (same pasteurization, storage and bottling). However, in order the plant to operate in accordance with the rules of hygiene and food safety, it is required to separate the tasks of receipt, processing, storage and handling of conventional and organic products. In this context is contemplated the establishment of a food safety management system in accordance with the requirements of EN ISO 22000:2005.

### Main Activities (maximum 150 words):

Works concerning the landscape of the new premises is contemplated, in order to ensure easy accessibility. More specifically, remediation work and topsoil removal, embankment fill, asphalt paving and infrastructure for safe movement and handling in an area of 2500m<sup>2</sup> are included. The premises of the plant will be constructed in enterprise's own property of 20.380m<sup>2</sup> in the industrial area of Volos. The new buildings of a total surface area of 1760m<sup>2</sup> and 6 meters high will be manufactured with metal. The overlap, the side covering, the ceiling and the internal partitions will be made by polyurethane panels and the floor will be covered in Buhtal tiles. This building will house the new mechanical equipment for the reception, pasteurization and bottling - packaging of fresh milk and fresh organic milk.

Furthermore, the project includes the installation of a new complex of deodorization pasteurization - standardization and homogenization of milk 10000lit/h to replace the existing that is withdrawn because of inveteracy. This complex will process conventional cow's milk. To ensure the quality characteristics of the organic milk the installation of a pasteurization - standardization - deodorization and homogenization 2000lit/h complex has been planed. The development of organic products requires the installation of new filling in PET bottles and in cartons as well as equipment that supports an automatic packing line in yogurt cups with foil coating capacity of 8000 cups/hr and the modernization of existing equipment in general. Finally, is contemplated the introduction of food safety management system in accordance with the requirements of EN ISO 22000:2005.

### Results and Benefits (maximum 150 words):

The results from the project will be the following:

This document is protected, you can only enter text in the spaces provided

- a) Response of the enterprise to the new competitive economic environment of the contemporary market that can ensure its viability.
- b) Absorption of primary milk production that enhances the local economy.
- c) Improvement of the welfare of the local population.
- d) Contribution to the retaining of the population in its birthplace.
- e) Provide an incentive for young farmers to get involved in farming.
- f) Strengthening of the local productive net.
- g) Support and encourage farmers to shift to organic farming.
- h) Offer of higher quality products to consumers.

### Lessons Learnt (maximum 100 words):

The project has not been completed, therefore there are not yet lessons learned to make a reference to.

### Further Information (enter text or attach any additional documents):

#### Project Location:

Volos- Region of Thessaly - Greece	Please provide more <b>specific information on the geographical location/scope</b> of the project e.g. a project in Estonia might be described as in Võru County, South Estonia
------------------------------------	---

#### Project Cost:

6.139.800€ (Total project cost of which EC contribution 2.540.233,5€ and national contribution 133.696,5€)	Please insert the total project cost, including if known the breakdown into EU + National + Private funds
--	---

#### Other Additional Information:

### Contact Information:

#### Project Website:

www.evol-easvolou.gr

#### Contact (Name and E-mail):

Diakomis Stefanos, evol@easvolou.gr

Dalis Dimitrios, evol@easvolou.gr

#### Telephone:

+30 2421066189

#### Additional Contact Details:

#### Language(s) for communication:

Greek, English

Please return the completed postcard to [postcards@enrd.eu](mailto:postcards@enrd.eu) together with a) any relevant photographs and b) any additional documents that you wish to be linked to the postcards.