

BULGARIA

Farm's performance, restructuring & modernisation

Location
Peshtera

Programming period
2014 – 2020

Priority
P2 – Competitiveness

Measure
M4 - Investments in physical
assets

Funding (EUR)
Total budget 1 197 105.7
RDP support 655 792.8
Private 541 312.9

Project duration
2018 – 2018

Project promoter
"Angelov - Ivan Angelov" ET

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Website
n/a

Modernization of a poultry farm by installing new, laying hen equipment and by renovating the production buildings.

Summary

A farm that produces eggs and which is located in an area of natural constraints, used RDP support to renovate and modernize the operation of two of its production sites, ensuring the competitive production of high-quality eggs and the long-term sustainability of the business.



The project financed the modernization of the production buildings, the supply and installation of laying hen equipment and an egg packing machine, as well as the purchase of a specialized vehicle for transporting the eggs.

Results

The project improved the operation of the farm by modernising the available production assets and physical capital.

It improved the farm's energy efficiency and working conditions, as well as the hygienic, veterinary, phytosanitary, environmental and other conditions of production.

The easier operation and automation of the bird production process, leads to reduced manual labour and a more effective use of time.

Two new jobs were created by the project, contributing to employment levels in this rural area.

Context

Ivan Angelov has been a farmer since 1994. He mainly raises laying hens and produces eggs for human consumption. His farm operates over three sites - two in the town of Peshtera, in the district of Pazardjik and one in the village of Tsalapitsa, in the Plovdiv district. In order to increase the competitiveness of his company, Ivan has made significant investments in high-tech lines and equipment, in order to improve product quality and marketing.

The farm has a packing station consisting of a sorting compartment and a refrigeration chamber, where the eggs are picked and prepared for the market. The animal feed is produced in the farm's own feed mill and the eggs are sold to the domestic market under contracts with wholesale grocery stores, retailers, etc. and are exported through contracts with companies in Austria, Germany, Switzerland and the Netherlands. The delivery of the eggs, in accordance with domestic trading contracts, is the responsibility of the farmer.

Objectives

The main objectives of this project are to:

- improve the overall economic performance of the farm;
- improve its competitiveness;
- modernize and increase the efficiency of technical operation processes, contributing to the cost-effective production of a high-quality food product;

Activities

This project allowed the farmer to modernise two of his production sites, namely the ones located in the Kyupe Bunar locality in the town of Peshtera. The area is categorised as a rural area facing natural and other specific constraints.

The project financed the supply and installation of equipment for stock raising (type "Voliera") for four production halls. The investment will increase the production capacity from 31 500 to 39 900 pieces, and the "Voliera" equipment usefully combines technological elements such as multi-level, optimal equipment layout,

ambient conditions control, etc. Metal structures on two levels were installed in the premises in order to allow the birds to move freely, including on the floor of the room; a packing machine for eggs was purchased; the feeders and watering systems are located on the floors; and the fodder (is adjustable by type and composition depending on the age of the birds), is automatically fed by a silo, located next to the building via an auger device. Finally, the lighting is on two levels: one above the paths and one lower-down: maintaining a high intensity of floor level lighting to prevent hens from laying eggs outside of their nests. The ventilation system has sensors to maintain a certain temperature and humidity.

Before the equipment was delivered and assembled, the roofs of the production halls were repaired and the restoration of the pavement at the poultry farm was carried out. The farmer also bought a specialized refrigerated truck to transport the eggs.

Main results

The project improved the operation of the farm by modernising the available production assets and physical capital.

It improved the farm's energy efficiency and working conditions, as well as the hygienic, veterinary, phytosanitary, environmental and other conditions of production.

The new equipment offered the possibility of achieving higher efficiency. The easier operation and the automation of the bird production process has led to reduced manual labour and increased time efficiency. The new equipment has introduced advanced systems for monitoring and tracking the state of production.

The cost of electricity and heating for the building, as well as input feedstock, has been reduced. This optimizes the raising of laying hens, which contributes to more efficient production at lower cost. This in turn offsets the rising prices of inputs and contributes to reduced production costs. Buying a specialized transportation vehicle significantly reduced costs by avoiding having to rent one.

Two new jobs were created by the project, contributing to employment levels in this rural area.

Additional sources of information

n/a