

STUDIES REGARDING THE IMPACT OF THE IMPLEMENTATION OF SUB-MEASURE 4.2 OF THE NATIONAL RURAL DEVELOPMENT PROGRAM ON THE MEAT PROCESSING INVESTMENTS IN THE NORTH-EAST REGION

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ABSTRACT

The EU Rural Development Policy is being funded by the European Agricultural Fund for Rural Development in the form of a grant in the value of EUR 100 billion for the period 2014-2020. Each member state receives a financial reward during this period of seven years. The member countries must contribute with an additional EUR 61 billion a year from the public funds in the member states

During the 2014-2020 period, Romania is expecting to receive a total of 8,128 billion euros for the rural departement.

Subsection 4.2 "Support to Inclusion in Farming / Marketization of Agriculture" refers to Regulation 1305/2013, Art.17, in Volume 4. The investments in the field are combined

with four other sub-measures, namely: Subsection 4.1, Subsection 4.1a, Subsection 4.2a and Subsection 4.3, and contribute to the domains of intervention D1 3A. Improving the competition between the primray producers through their better integration in the agroalimentary chain with the use of schemes of quality, raises of added values for agricultural products, promotion in the local markets, short supply routes, producing groups and interprofesional organisations.

In Region 1 North East, a total of 7 projects totaling 7652759 of which 3826379 euro, non-reimbursable public funds were selected and financed on sub-measure 4.2.

Introduction

The agricultural structures of the Member States of the European Union have gone through a long way of

fundamental transformation from the 1960s to the present. The structural adjustment of agriculture has become

stringent, both economically and socially, as the rural exodus has taken alarming proportions. Poverty has increased in deprived areas, because of the lack of jobs and the poor development of economic activities and the exodus of young people have endangered the environment. [9].

The National Rural Development Program is a program coordinated by the Ministry of Agriculture and Rural Development, in consultation with the representatives of the organizations, organizations and social partners that have activity in this field and approved after mediations with the European Commission, being structured in measures aimed at supporting and developing rural area in Romania.

Sub-measure 4.2 - "Support for investment in the processing / marketing and / or development of agricultural products", falls within measure 4 - Investments in physical assets. This sub-measure aims at improving the competitiveness of primary producers by better integrating them into the agri-food chain through quality schemes, increasing the added value of agricultural products, promoting local markets, short supply circuits, groups producers and interprofessional organizations, facilitating diversification, setting up small business development and job creation. [10].

According to the principle of additionality, EU funding is always added to national funding. Funding through the Structural Instruments can not present for any country, a means to make savings, to its own national budgets. [2].

Romania has a high potential for producing more meat for the internal market and export. This requires the organization of sheep and goats raising

associations specialized in young sheep males fattening, with a corresponding farm size to assure a high production and carcass quality. The national aids and coupled support help the breeders to develop meat and milk production in this sector [7].

The ideal of a competitive market economy is to have a demand and a strong or big offer. This requirement is seldom and consequently the price of animals is usually established in a particular place where there may be a high demand and a low offer or a strong (high) offer and a low demand or some other variants of these two offers market. [1].

As a result automatic accurate methods of measuring carcasses for traits like fatness and meat yield have been important to aid a reduction by industry in carcass fat levels in line with domestic and international consumer demand. This occurred while carcass weight increased due to a range of genetic and production factors implemented on-farm [5].

A growing global population, combined with factors such as changing socio-demographics, will place increased pressure on the world's resources to provide not only more but also different types of food. Increased demand for animal-based protein in particular is expected to have a negative environmental impact, generating greenhouse gas emissions, requiring more water and more land [6].

The present paper brings to the attention of the audience a relatively rarely studied subject that of the livestock sector in Romania. The topic is of utmost importance given the important contribution of this sector to the Romanian agricultural structure. Its importance is also reflected in the share

granted in the financing package and in the facilities provided to farmers through the two pillars of the CAP (Pillar 1 - Common market organizations and Pillar II - Rural Development) [3]. Investment in the new equipment, civil work in the plant including redesign of production facilities were the costs related to the initial set-up with the greatest importance. The results indicated that the major difficulty encountered during HACCP implementation and operation was

associated with the finance, namely the fact that companies were not able to recoup costs related to the implementation/operation HACCP system [8]. Chemical treatment is highly efficient in removing soluble and colloidal particles from the red meat processing industry wastewater[...]

Chemical treatment is recommended in all cases and especially when the wastewater is required to be reused or released to water streams [4].

MATERIAL AND METHOD

The present statistical survey was conducted to highlight the investments made under Sub-measure 4.2 of the NRDP in the period 2015-2017, following the total number of selected and financed projects in the field of meat processing at national level.

In this paper I followed the following situations:

- The numerical situation of selected projects at national level
- Value situation of selected projects at national level
- Situation of the projects selected at national level
- Numerical situation of selected projects in Region 1 - North-East Region
- Total value of selected projects in Region 1 - North-East Region

The numerical situation of selected projects at national level was achieved by extracting from the selection report, published by the contracting authority, on the site www.afir.info.ro, divided by regions, respectively the 7 regions: N-E Region, S-E Region, South Muntenia Region, S-V Oltenia Region, West Region, North-West Region, Center Region. The situation is also structured in the years 2015, 2016, 2017.

State of the projects selected at national level - a record was made of the number of selected projects, each area being sorted by order. Also, each area has been passed the eligible value but also the public value of the projects.

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Numerical Situation of Selected Projects in Region 1 - North-East Region - This region was divided into each county, where the number of projects selected for the years 2015, 2016, 2017 was made, and then a total was made.

The total value of the selected projects in Region 1 - North-East Region was made by adding the sums from each project of the respective area. The project values were divided into counties, where the resulting amounts were evaluated and compared. The values were also divided into eligible values and public values. The total of each county was made, and then the total value of the projects on the respective area.

RESULTS AND DISCUSSIONS

Numerical situation of selected projects at national level

Table 1

Year	Region							Total
	1. N-E	2. S-E	3. S- M	4. S-V O	5. V	6. N-V	7. C	
2015	1	1	1	0	0	0	0	3
2016	3	0	1	0	1	0	2	7
2017	3	0	2	1	2	1	4	13
Total	7	1	4	1	3	1	6	23

State of the projects selected at national level

Specification	Region							Total
	1. NE	2. SE	3. SM	4. S-V O	5. V	6. N-V	7. C	
Projects No.	7	1	4	1	3	1	6	23
Eligible Value [€]	7,652,759	516,496	8,275,144	986,126	12,206,906	1,999,895	15,328,177	46,965,503
Public Value [€]	3,826,379	258,248	3,888,117	493,063	5,582,762	999,948	6,665, 256	21,713,773

Table 2

Table 1 highlights the fact that 23 projects were selected in Romania through NRDP 2014-2020, most of them in Region 1 - North East Development Region (7 projects), followed by Region 7 - Center Development Region (6 projects), Region 3 - South-Muntenia Development Region (4 projects),

Region 5 - West Development Region (3 projects), followed by Region 2 - South East Development Region (1 project), Region 4 - South-West Development Region Oltenia (1 project) and Region 6 - Northwest Development Region (1 projects).

Analyzing Table 2, we can see that the largest number of projects is held by Region 1 North-East Development Region (7 projects) with eligible value of 7,652,759 € and public of 3,826,379 €, followed by Region 7 - Center Development Region 6 projects) with eligible value € 15,328,177 and publishes € 6,665, € 256, Region 3 - South Muntenia Development Region (4 projects) with eligible value € 8,275,144 and publishes € 3,888,117, Region 5 - West

Development Region (3 projects) eligible € 12,206,906 and publishes € 5,582,762, followed by Region 2 - South East Development Region (1 project) with eligible value € 516,496 and publishing € 258,248, Region 4 - Southwest Development Region Oltenia (1 project) with eligible value 986,126 € and publishes € 493,063, and last but not least Region 6 - Northwest Development Region (1 project) with eligible value € 1,999, € 895 and publishes € 999,948.

Numerical situation of selected projects in Region 1 - North - East Region

Year	County				Total
	Suceava	Neamț	Vaslui	Bacău	
2015	1	0	0	0	1
2016	1	2	0	0	3
2017	0	1	1	1	3
Total	2	3	1	1	7

Table 3

In Table 3 it is highlighted that in Region 1 - North-East Region through NRDP 2014-2020, 7 projects were selected, most of them in

Neamt County (3 projects), followed by Suceava County (2 projects), third place places the counties of Vaslui (1 project) and Bacau (1 project).

Total value status of selected projects in Region 1 - North - East Region

Year	Value	Suceava		Neamț		Vaslui		Bacău		Total V.e.	Total V.p.
2015	E	237,176		0		0		0		237,176	
	P		118,588		0		0		0		118,588
2016	E	52,864		1,285,254		0		0		1,338,118	
	P		26,432		642,627		0		0		669,059
2017	E	0		906,657		4,975,000		195,808		6,077,465	
	P		0		453,328		2,487,500		97,904		3,038,732
Total	E	290,040		2,191,911		4,975,000		195,808		7,652,759	
	P		145,020		1,095,955		2,487,500		97,904		3,826,379

E-eligible value; P- public value;

Table 4

Analyzing Table 4 it is noticed that the total value of the selected projects in NE Region is the following: the highest eligible value is for Vaslui county (4,975,000 €), followed by Neamt county (2,191,911 €), then Suceava county

(290,040 €) and Bacau county (195,808 €) and the highest public value is for Vaslui County (2,487,500 €), followed by Neamt county (1,095,955 €), then Suceava County (145,050 €), and Bacau County having 97,904 €.

CONCLUSIONS

The objectives of the sub-measure are to set up or modernize processing and marketing units; introducing new technologies for developing new products and processes; the implementation of environmental protection measures including the reduction of energy consumption and GHG emissions;

The total number of projects in the meat processing sector is 23 projects; most of which are in Region 1 - N-E Development Region with 7 selected projects, while regions with 1 selected project are Region 2, Region 4 and Region 6.

From the value of selected projects at national level, it is clear that the highest eligible value is in Region 7 - Center Development Region, amounting to EUR 15,327,177, while the lowest eligible value is in Region 2 - Region Development SE in the amount of 516,496 euros. Also, the region with the highest public value was also in Region 7, worth 6,625,256 euros, and the region with the lowest public value being Region 2, worth 258,248 euros.

From the situation of the projects selected at the national level, it is clear that the largest number of projects is held by Region 1 - Development Region N-E, in number 7 and with an eligible value of 7,652,752 euro and public of 3,826,379 euro; while the single project region and the lowest eligible value being the S-E Region with an eligible value of EUR 516,496 and a public value of EUR 258,248.

The numerical situation of the selected projects in Region 1 - NE Region, this is the region where most of the 7 projects were selected. In Neamt County, the most selected projects were selected, numbering 3, in while only one project was selected in the counties of Vaslui and Bacau. Analyzing this region, we notice that Vaslui County has the highest eligible value of 4,975,000 euros, and the county with the lowest eligible value, Bacau worth 195,808 euros. Also, the highest public value is still in Vaslui county, amounting to 2,487,500 euros, and the lowest public value is in Bacau worth 97,904 euros.

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