CHALLENGES OF POPULATION DEVELOPMENT AND VALUE CHAINS IN ROMANIAN MOUNTAIN AREAS

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Abstract

The paper aims to make an assessment related to the Romanian mountain areas, insisting on the aspects in connection with the population from the rural areas and the evolution of the value chains in these areas. The research method is rather empiric, based on the recent evolutions related with the population and the food chain supply from the mountain areas. Most of the data are provided by the recently established Romanian Agency for the Mountain Area and the Ministry of Agriculture and Rural Development from Romania. The discussions are focused on how this mountain area evolved in the last years, in relation to the needs of its inhabitants. The paper is developing the idea of the mountain as a marketing argument. The results indicates that many aspects related with the mountain areas are not supported by the field studies and the researches in this field are a necessity.

Key words: Romania, mountain, rural areas, value chains

INTRODUCTION

The sustainable and growth-orientated development of the Romanian mountain areas is depending on the understanding of the need to extend the current level of knowledge by carrying out more faithful studies in these beautiful but disadvantaged areas. This study aimed to report to what is known about the mountain areas from Romania in order to give new directions of research which can contribute to the sustainable development of these areas. The Carpathians were evaluated from the point of view of social sustainability of agriculture in the neighbour country Serbia [5], based on a set criteria related with: density of agricultural population, density of active agricultural population or density of employees in agriculture. As in the other European countries with significant mountain areas, the rural depopulation affected most of the isolated and poor Romanian mountain areas [1]. A third of the Romanian territory in which live 15 % of the national population [2] is situated in the mountain areas. Almost 1 million households faces harsh living conditions, threatened by the lack of jobs and a variable income which already generated internal and abroad exodus of the young generation. Romania is the fourth largest mountainous agricultural area in the European Union, with 2.9 million ha [3], after Spain (7.4 million ha), Italy (4.4 million ha) and France. (Source 1), but even if at the national level where identified 658 territorial administrative units situated in the mountain area, we couldn’t find any specific study dedicated to them. These territorial administrative units belongs to 27 of 42 total counties existing at national level. The lack of detailed studies related with the mountain areas from Romania is confirmed within the Memorandum Regarding the National Strategic Orientations (2014-2020) for sustainable development in the less-favoured mountain areas from 2014, which include many references about mountain agriculture in Romania from EU studies made by JRC and many outdate aspects related with the Romanian agricultural census from 2010. The Romanian Agency for the Mountain Area, which was established in 2014 provides
some data related only the repartition of the
mountain territorial administrative units
within the counties and the related mountain
area, also calculated per county. Studies made
within this agency [6] indicate in the
Romanian mountain areas is situated 18.71 %
from the total of Romanian agriculture land
and 5.84 % from the total arable surfaces,
21.94 % from the total fruit trees, 1.7 % from
the all vineyards, 37.43 % from the total
existing pastures at the national level and
59.51 % from meadows. Is also estimated that
the ratio of land covered by forest vegetation
in the mountain areas is about 56% while the
share of the forest in the mountain areas is
59% from the total national forest area.

MATERIAL AND METHODS

The study is based on data provided by the
Romanian Agency for the Mountain Area and
the Ministry of Agriculture and Rural
Development from Romania. The research
method is rather empiric, the study being
focused on the evolution of two components
related with the mountain areas: the
population and the value chains. One of the
challenges for the mountain areas approached
in this paper is the use of the term of
mountain product as an optional quality
argument, which can lead to more attractive
promotion and increased sales of products
made in the mountain areas.

RESULTS AND DISCUSSIONS

Population living in the mountain areas.
The population that is living in the mountain
area is decreasing, and the problems that the
mountain people faces cannot be easily solved
in order to change this trend. Approximately
3.3 million inhabitants, representing 15% of
the national population, live in the mountain
area. The mountain areas faced a double
exodus: to the urban area and to the EU
countries, especially Italy, Spain, Germany
and UK. The exodus is noticed especially
among young people who are looking for
better live conditions and higher income jobs.
The rate of natural increase of the population
in the mountain area is negative, and it is
higher than the national average. Besides the
economic aspects related, the population from
the mountain areas face problems related with
the poor infrastructure and reducing number
of schools and hospitals, mostly in the rural
areas. The rural population of the mountain
area accounts more than half from the total
population living in this area, but the future is
uncertain. Only from 2005 to 2011, the
number of pupils enrolled in primary and
secondary schools decreased by 13%, while
the number of primary and secondary units
was reduced by 37%. [4]

Challenges related with value chains. The
Romanian Carpathian, one of the high
mountains of Europe, have the food supply
chain affected by a significant inequality of
bargaining power. Farm producers are
generally small and economically drawback
by limited access to the market, where the
rules are made by processing industry and the
retail actors. The livestock in the mountain
area decreased in two phases: one related with
the change of economic system from 1989
and one with the integration in the EU, when
the farmers faced new challenges generated
by the increase of food and safety standards
and the rules related with animal welfare. The
transhumance is still practiced in Romania,
and large herds travel up to 1,500 km starting
from middle of September when the pastors
move their livestock from the mountain areas
to the low valleys where they own or rent
some winter stables. Until May the sheep and
goats are returning to the mountain. The
distances traveled are higher due to the areas
they are not allowed to cross. The evolution of
the livestock is related with the recent
evolutions on the food supply chain. As a
good example we can underline here the case
of milk supply chain. In the communist era, in
the milk sector, were organized state
enterprises for the collection and
industrialization of the milk. Some of these
enterprises changed into joint stock
companies since 1990 and have undergone
several sales of the majority stake while other
collapsed and disappeared from the market.
From over 1,800 enterprises specialized in
production of milk and milk products, around
32 are part now of the employers' association
in the milk industry (APRIL), which include the main brands on the market, but few of them have a network in the mountain areas. As regarding the production of milk, the impact of collectivization was not as accentuated in the mountain areas as in the plain parts of the country and the mountain farmers kept their traditional animal husbandry system despite the economic and political changes. The milk which is not used for self-consumption is brought nowadays by farmers in collection points where can be found milk cooling tanks distributed in the villages, by SMEs specialized in industrialization of the milk, who designates a person in charge with each collection point. Several hundreds of liters are collected each day from each collection point, using auto tankers that belongs to the SMEs. Usual a SMEs industrialized thousands litres of raw milk per day and have several processing hale, resulting in different varieties of dairy products. The price of the milk in the supermarkets is 4-5 times larger than the farm gate, which has discouraged production and led to a significant reduction of the number of milk cows in Romania in the last decade. While some SMEs specialized in the milk industrialization have their own network stores and also promote their product through websites and also developed online selling, other producers have contracts with retailers or wholesalers. The deliveries made for the online command are made either faster by deliver companies, and the consumer support the transport cost, which is related with the weight (e.g. 4 euro/1 to10 kg for goat dairy products, or 6.5 euro/10 to 19 kg for the same products), or through the SMEs own transport system which is made in specific days of the months through all country regions and is usual free of charge. The reduction of the livestock led to raw milk shortage and the SMEs with large industrial capacity are obliged to import milk from abroad in order to maintain the level of production and their commitments. At national level, in Romania there is monopoly in the commercialization of pharma-veterinary products. Only one enterprise has a national network for selling biological products, medicaments, medicated and vitamin-mineral premixes, feed additives, culture medium, disinfectants, hygienic-sanitary materials, protective equipment, either manufactured in Romania or imported. Is mountain a marketing argument? Since 2016, when in the national legislation were implemented the provisions of EU Regulation no 665/2014 related with the conditions of use of the optional quality term ‘mountain product’, several producers applied and have been accepted with their products in The National Mountain Products Register. Table 1. Samples with the products entitled to use the optional quality term: ‘Mountain product’ - Category: Milk and milk products, included in The National Mountain Products Register

<table>
<thead>
<tr>
<th>Year</th>
<th>County</th>
<th>Products</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>Mureș</td>
<td>Cascaval Ibănești</td>
<td>S.C. Mirdatod Prod S.R.L.</td>
</tr>
<tr>
<td>2017</td>
<td>Mureș</td>
<td>Smantana Ibănești</td>
<td>S.C. Mirdatod Prod S.R.L.</td>
</tr>
<tr>
<td>2017</td>
<td>Mureș</td>
<td>Urda Ibănești</td>
<td>S.C. Mirdatod Prod S.R.L.</td>
</tr>
<tr>
<td>2017</td>
<td>Prahova</td>
<td>Cascaval tăranesc Valdostana Brânză de burduf Valdostana Cașcavea Valdostana</td>
<td>S.C. Ferma IP Valea Doftanei S.R.L.</td>
</tr>
</tbody>
</table>

Source: Ministry of Agriculture and Rural Development from Romania
Source of images: http://mirdatod.ro

Now this register includes 30 produces in the categories: milk and milk products (21), meat and meat products (2), fruits and vegetables (6) and honey (1). Some of these products are
well identified on the market, but most of them are products without any brand image promoted on the internet.

**CONCLUSIONS**

Few studies are approaching the mountain rural areas and their current issues. The studies related with the value chain are not recently and none of them was focused on the mountain rural areas. Few things are known about who is dealing with farmers, both on the factor and food side. Also few data are known about local food chains. The population from these areas have for certain low levels of income but no average income was calculated for a region or for the all mountain areas. The national statistic is not divided between the plane and mountain areas and data related with farm structure or land use are few or inaccurate. Mountain yet is rarely a marketing argument, but several efforts made by entrepreneurs or enterprises are on their way to be rewarded on the market.

**REFERENCES**


