

SUMMARY

The doctoral thesis entitled "STUDIES on SUSTAINABLE DEVELOPMENT on agriculture BACĂU COUNTY MICROZONES" aims to identify the specific microzones with socio-economic and cultural commonality in Bacău County, in pursuit of both factors of agricultural potential, firstly favorability-yields and structures, and, secondly, socio-cultural aspects which confer a certain areal attractiveness. By analyzing the microzones search for explanations of the causes leading to the stagnation of agricultural areas with high potential in comparison with other areas disadvantaged in resources, but with a dynamic development. In this context, a special attention is lead to behavioral attitudes of some groups of Bacău's rural communities engaged in the competition for the selection as a Local Action Groups under the LEADER program.

Within the framework of the research, the following objectives were pursued:

- bibliographical study on sustainable rural development;
- study on the stage and the effects of the accession of the European Union;
- analysis on the determinant factors of the sustainable development of agriculture in the microzones from Bacau County;
- study on the business environment in the rural areas of the Bacau County;
- analysis of the degree of preparation of the rural population for European funding on the basis of projects;
- the influence of factors that make sustainable development in rural areas of the County of Bacău;

**Ștefan Talambă - STUDIES ON SUSTAINABLE DEVELOPMENT ON AGRICULTURE
BACĂU COUNTY MICROZONES**

The first chapter of the thesis is entitled "THEORETICAL ASPECTS and PROGRESS of the INVESTIGATIONS on SUSTAINABLE RURAL DEVELOPMENT at GLOBAL and NATIONAL LEVELS".

This chapter starts with the conceptual clarification of terms such as "*rural development*", "*sustainable development*" or "*sustainable agriculture*". Further, the study defines sustainable development, the objectives of sustainable agriculture and also the conceptual differences between organic, biodynamic agriculture, organic, eco-friendliness. This chapter is completed by an analysis upon the role of the local public administration in rural development emphasizing the concept of "*social capital*".

Chapter II defines the purpose of the study, the objectives and the methodology used. The sources of information and techniques for collection of information requirements are mentioned. Thus, the purpose of research is to identify the specific socio-microzones with economic and cultural commonality in Bacău County, in pursuit of factors, agricultural potential, favorability-yields and structures, but also socio-cultural aspects which confer a certain area of attractiveness.

The analysis the microzones consisted in searching for explanations of the causes leading to the stagnation of agricultural areas with a potentially high in comparison with other areas less wealthy in resources but with a dynamic development. In this context, we paid special attention to behavioral attitudes of some groups of Bacău's rural communities engaged in competition for the selection of Local Action Groups under the LEADER-program by which members of local communities are invited to participate in the decision to develop and implement strategies in the original development, emphasizing the uniqueness of the countryside and of the tradition, creating new jobs, but especially to improve the skills of self-organization of rural communities, in order to promote social cohesion.

Chapter III consists in a study upon Romanian rural space and the effects of its accession to the European Union. According to the Joint Order No. 173 of 03.03.2004 of Ministry of Agriculture, Forestry and Rural Development, Ministry of administration and Interior and the Ministry of European Integration, an area will be considered as "rural" if the following features are met, individually or cumulatively:

- a) most of the land is used for:
 - economic activities: production and recovery of agricultural production, forestry, fisheries and aquaculture, as well as activities related to the protection and preservation of the environment;

**Ștefan Talambă - STUDIES ON SUSTAINABLE DEVELOPMENT ON AGRICULTURE
BACĂU COUNTY MICROZONES**

- non-agricultural economic activities: craft and the small industry, for processing and recovery of raw materials, mainly local handicrafts, and other such services; economic activities of leisure and tourism;
- b) the local population is below the level of 5.000 inhabitants.

The chapter continues with highlighting the retaining aspects North-Eastern region which includes six counties: Bacău, Botoșani, Iași, Neamț, Suceava, Vaslui. Further, the primary character of agriculture, as the main factor of rural development, was analyzed through the structural disadvantages of Romanian agriculture, organic agriculture, the expression of cultural heritage, description and analysis of the disparities with regard to the supply of services in the rural space, as well as the low level of training. The chapter is concluded with the relevant aspects of Romania's rural area evolution in the post-aderation to the European union period. The financial support is analyzed, Romania's financial commitment, category of products for which Romania has obtained the recognition and protection of origin designations and geographical indications, as well as the effects of accession in the evolution of prices.

Chapter IV entitled "STUDY of the NATURAL FRAMEWORK of BACĂU COUNTY", contains geographical information related to delimitation, relief, climate and soil erosion of the level of agricultural productions limits, hydrographic system, fauna and flora.

Chapter V presents the agriculture in Bacău County, namely the structure of agricultural land by category of service, the structure of crops, livestock and plant productions level.

Chapter VI, entitled "STUDY on the SUSTAINABLE DEVELOPMENT of AGRICULTURE of BACAU COUNTY MICROZONES" begins by making a clear distinction between the objectives pursued by the territorial location of agricultural production in different condition of organizing state, the interest of moving away from maximizing global production by maximizing economic effects, with minimal negative impact on the environment.

The chapter continues with justification on grounds of scientific microscopes zoning of agricultural production, being tackled differently in different historical periods. So, in the 1970's from the last century, zoning studies have established production and area profile based branch, wich fundament the tasks of the plan and resource allocation. Established as 13 County areas of production in the Bacău county. After Romania become candidate country for accession to the European Union , as they became the beneficiary of pre- accession EU funds(agriculture and rural development beingimportant amounts allocated to the SAPARD programme) have been established areas of potential for agriculture to farmers acces to financial assistance for the modernization farmsbeing conditioned by the degee of favorability of the area for some

**Ștefan Talambă - STUDIES ON SUSTAINABLE DEVELOPMENT ON AGRICULTURE
BACĂU COUNTY MICROZONES**

agricultural crops. The chapter concludes with an analysis of the determinants for the development of sustainable agriculture on microzones, Bacau county with highlighting and mentality of labour productivity in agriculture In conclusion of the chapter LEADER methodology is presented on the strategy of sustainable rural development.

Chapter VII contains our own investigations embodied in two case studies on sustainable agriculture in Bacău County, first on the preparedness of the rural population of the communes Brusturoasa (micro-13), Urechești (micro-9), Tamași (micro-2), and Plopana (micro-4) for the financing of European projects on the basis of the second, entitled "study on the influence factors that favor sustainable development in rural areas of the Local Action groups (LAGS) on Valea Troțușului – Bacău County".

Sentence clears with conclusions and recommendations resulting from the studies and analyses carried out, and the reference to 187 bibliographical titles with highlighting their own works.