

# HABILITATION THESIS

## **Economic research on sustainability – from theory to professional reasoning**

### SUMMARY

The first part of the Habilitation Thesis entitled "**Economic research on sustainability - from theory to professional reasoning**" is dedicated to professional, scientific achievements and the main prospects for future development. This section is divided into three chapters, which describe the three main directions of teaching career development.

In the first chapter, we **analyzed the correlation between sustainable development and the circular economy**, in line with the Pillars of Sustainable Development. The 4 sub-chapters address topics such as: the need to increase renewable energy in 28 countries of the European Union, a topic that presents elements of well-being, clean energy, economic growth, greenhouse gases (pillars 3, 7, 8 and 13 of Sustainable Development); the tension between adjusted net savings, sustainable growth and resource depletion is the second sub-chapter in which we addressed issues related to ensuring food security, health and well-being, quality education, clean energy, economic growth, industry, innovation, promoting sustainable industrialization and encouraging innovation, climate action – carbon dioxide (CO<sub>2</sub>) emissions, sustainable forest management (Pillars 2, 3, 4, 7, 8, 9, 13 and 15 of Sustainable Development); in sub-chapter 3 we presented aspects regarding similarities and symmetries of proximity for complex evaluation decisions of mining resources in anthropically affected areas, with reference to pillars 9 and 15 of sustainable development, respectively: industry, innovation and infrastructure and terrestrial life - protecting, restoring and promoting the sustainable use of terrestrial ecosystems, sustainable forest management, combating desertification, halting and repairing soil degradation and halting biodiversity loss; in the last sub-chapter, we addressed the topic related to circular economy, green buildings and environmental protection, correlating Pillars 9 and 11 of Sustainable Development, respectively, industry, innovation and infrastructure – building resilient infrastructures, promoting sustainable industrialization and encouraging innovation but also cities and sustainable communities – developing cities and human settlements so that they are open to all, safe, resilient and sustainable.

The second chapter is dedicated to the direction of research, **sustainable university - quality education** and is divided into two sub-chapters, in which I presented on the one hand, the sustainable university - from indifference to joint action, with reference to the Pillars: 4,16,17 of Sustainable Development, respectively: quality education - guaranteeing a quality education and promoting lifelong learning opportunities for all, creating efficient, responsible and inclusive institutions at all levels, strengthening the means of implementation and revitalizing the partnership globally for sustainable development, on the other hand, the educational fields of higher education graduates from the European Union. The article addresses elements of quality

education – guaranteeing quality education and promoting lifelong learning opportunities for all, peaceful and inclusive societies for sustainable development, creating effective, accountable, and inclusive institutions at all levels, and partnerships for achieving the objectives (Pillars 4, 16, 17 of Sustainable Development).

The third chapter presents the research direction **assessing the impact of crises on the real estate market**. In the 2 sub-chapters we researched, on the one hand, the empirical analysis of the impact of the Covid-19 pandemic on the real estate industry in Romania, with reference to health and well-being - ensuring a healthy life and promoting the well-being of everyone at any age, industry, innovation, and infrastructure – building resilient infrastructures, promoting sustainable industrialization and encouraging innovation, sustainable cities and communities – developing cities and human settlements to be open to all, safe, resilient and sustainable (Pillars: 3, 9 and 11 of Sustainable Development) on the other hand, if the year 2020 brought major changes to the real estate market of green buildings by addressing the aspects of education, innovative industry, cities and sustainable communities (Pillars 4, 9, 11 of Sustainable Development).

The second part of the paper is intended for the evolution and development plans of my own professional, scientific, and, academic career. It is structured in two chapters: the teaching activity and the research activity in which I present the main elements of my future teaching career development and the aspects related to the plan of future research.

The third part is devoted to bibliographical references. To complete the habilitation paper "Economic research on sustainability - from theory to professional reasoning,, 205 papers were used and 38 figures and 26 tables were drawn up.