Scientific Report

I, the undersigned, Professor Gheorghița Dincă, PhD, in my capacity as a doctoral supervisor in the field of Finance at the Interdisciplinary Doctoral School of Transilvania University of Brașov, hereby present the following assessment of the doctoral thesis supervised by me, entitled "**The Role of Green Finance in Sustainable Economic Development,**" prepared by the doctoral candidate:

1. The doctoral thesis is systematically organized and coherently structured in accordance with established scientific and academic standards, demonstrating adherence to the methodological and formal requirements of scholarly research. It encompasses all the essential components of a doctoral dissertation, including a table of contents, an introduction, a comprehensive review of the current state of knowledge integrated throughout the thesis, five substantive chapters, a presentation of the candidate's original scientific contributions, final conclusions, recommendations, research limitations, directions for future research, an extensive bibliography, and relevant appendices.
2. The thesis examines the impact of green finance on sustainable economic development across European Union Member States, focusing on the contribution of various green financial instruments to economic and environmental sustainability. The research aims to assess the extent to which these instruments support sustainable economic development and facilitate the transition towards a low-carbon economy within the European Union.
3. Each chapter follows a well-defined structure consistent with established academic research standards, comprising an introduction, a review of the relevant literature that traces the development of existing scholarly contributions and provides the theoretical foundation for the research, clearly defined research methodologies, empirical findings, and a discussion of the results. Each chapter concludes with a section summarizing the main findings, acknowledging the limitations of the research, and outlining potential directions for future investigation.
4. The thesis employs a rigorous quantitative approach, drawing on reliable data from internationally recognized statistical sources. Various econometric models and analytical techniques are applied to assess the impact of green finance on sustainable economic development and the contribution of different green financial instruments to the green transition across EU Member States. The methodological diversity and quality of the data enhance the robustness and credibility of the empirical findings.
5. The research is grounded in an extensive international bibliography, comprising peer-reviewed scientific publications, contributions from leading scholars, and reports issued by reputable international organizations and institutions, ensuring a solid theoretical foundation and scientific rigor.

In conclusion, based on the aforementioned considerations, I affirm that the doctoral thesis entitled "**The Role of Green Finance in Sustainable Economic Development**," prepared by doctoral candidate **NETCU IOANA CĂTĂLINA** under my supervision, Professor Gheorghița DINCĂ, PhD, Habil., meets all applicable legal and academic requirements. Accordingly, I consider that all necessary conditions have been fulfilled for the doctoral candidate to initiate the formal procedures for the public defense of her doctoral thesis.

Prof. dr. habil. Gheorghita Dincă