



“Gheorghe Asachi” Technical University of Iasi, Romania



AN EMPIRICAL STUDY ON THE FACTORS AFFECTING THE FLUCTUATIONS OF ENVIRONMENTAL INVESTMENT BENEFITS

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Abstract

Environmental protection is fundamental to China’s long-term, sound and sustainable social and economic development. With the explosion of the scale of environmental protection investments, wave problems of environmental protection investment benefits have worsened. By sorting out the research fruit in China and other countries, with listed companies in the environmental protection industry as the research object and by applying the Green Economic Value Added-Value Chain (GEVA-VC) method, along with evaluating existing research, major factors affecting fluctuations of environmental protection investment performance have been identified. Results show that a variety of factors have significant effects on the fluctuations of environmental protection investment benefits, including GEVA, growth rate of sustainable development, sales benefit ratio of green products, energy consumption per unit product, proportion of the environmental protection assets, emission cyclic utilization rate and yield positive correlations. The growth rate of operating income and the cycle rate of green product research and development also have an effect, but less significantly.

Key words: environmental protection, GEVA-VC, green products, investment performance, regulations

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