

The Economics of Renewable Energy Adoption in Emerging Markets

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Abstract. This study explores the economic implications of adopting renewable energy technologies in emerging markets. It analyzes the costs, benefits, and challenges associated with transitioning to sustainable energy sources. By examining case studies from various countries, the article provides insights into the economic feasibility and long-term benefits of renewable energy adoption. The findings underscore the potential of renewable energy as a catalyst for sustainable economic growth.

Keywords: Renewable Energy, Emerging Markets, Sustainable Development, Economic Growth, Energy Transition

Introduction

The transition to renewable energy sources presents both opportunities and challenges for emerging markets. This article investigates the economic aspects of adopting renewable energy technologies, focusing on their potential to drive sustainable development. Through an analysis of case studies and economic models, the study evaluates the costs, benefits, and obstacles associated with renewable energy adoption. The insights aim to guide policymakers and investors in making informed decisions about sustainable energy initiatives.

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References

1. Jeyhun, R., Elshan, R., Naila, A., & Aydin, N. (2025). Effectiveness of Internet of Things migration into hybrid economic projects.
2. Rahimov, J., Rahimov, E., Nasirzade, A., & Yusifli, P. (2025). Economic aspects of projects based on the Internet of Things. *Innovation and Sustainability Articles*, 5(4), 31-44.
3. Мошенський, С. (2025). Хаос і синергія. Фінансовий світ постіндустріальної епохи. Sergei Moshenskyi.