

Review of: "Examining the Impact of Green Finance on Carbon Emissions in India through Energy Consumption Optimization"

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Potential competing interests: No potential competing interests to declare.

The article aims to evaluate the relationship between green financing and reducing carbon emissions in India from 2017 to 2022.

Initially, the country's efforts to reconcile growth economic impact with emission reductions, with a peak in 2040 and neutrality in 2070, in general its environmental commitment.

Subsequently, financing and its characteristics that can enhance the energy transition, facilitating the obtaining of resources for companies that are transacting towards clean energy.

The method presented uses the STIRPAT model (Stochastic Impacts by Regression on Population, Affluence and Technology) to analyze the data provincials for five years. The means by which it will be understanding of the links between green financing and carbon emissions.

The study does not provide a theoretical conceptualization of the STIRPAT model nor even how the results were obtained, which makes the reading fragmented, with conceptual gaps that make understanding difficult and raise the questioning the results.

In general, the article has a very interesting theme, but it lacks density over the model and greater exploration of the results.

Assessment: Accepted with reservations (request changes).