

***Female Director Moderating Influence Sustainable Finance
and Energy Consumption to GHG Emission***

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Abstract

This quantitative study aims to determine the influence of sustainable finance and energy consumption on GHG emissions, moderated by the presence of female directors. The population of this study comprises 46 banking companies classified under the Core Capital Bank Group (KBMI) 2 to 4, covering the period from 2019 to 2023. The sample selection was conducted using purposive sampling, which involves selecting samples based on predetermined criteria, resulting in a sample of 21 companies with a total of 88 observations after elimination. The hypothesis testing in this study employs multiple linear regression using STATA 17. The test results indicate that (1) sustainable finance has a significant positive impact on GHG emissions, (2) energy consumption has a significant positive impact on GHG emissions, (3) female directors can moderate the negative influence of sustainable finance on GHG emissions, and (4) female directors cannot moderate the positive influence of energy consumption on GHG emissions.

Keywords : *Sustainable Finance, Energy Consumption, GHG Emission, Female Director*

***Female Director Memoderasi Pengaruh Sustainable Finance
dan Energy Consumption terhadap GHG Emission***

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Abstrak

Penelitian ini merupakan penelitian kuantitatif yang memiliki tujuan untuk mengetahui pengaruh *sustainable finance* dan *energy consumption* terhadap *ghg emission* serta dimoderasikan dengan *female director*. Populasi dalam penelitian ini sebanyak 46 perusahaan perbankan yang masuk Kelompok Bank berdasarkan Modal Inti (KBMI) 2 sampai 4 dengan periode penelitian 2019 sampai 2023. Pemilihan sampel menggunakan *purposive sampling* ialah penentuan sampel berdasarkan kriteria yang telah ditentukan, sehingga didapat jumlah sampel sebanyak 21 perusahaan dengan jumlah pengamatan sebanyak 88 sampel setelah melakukan eliminasi. Uji hipotesis yang digunakan dalam penelitian ini adalah regresi linear berganda dengan menggunakan STATA 17. Hasil pengujian menunjukkan bahwa (1) *sustainable* memiliki pengaruh signifikan positif terhadap *ghg emission*, (2) *energy consumption* memiliki pengaruh signifikan positif terhadap *ghg emission*, (3) *female director* dapat memoderasi pengaruh negatif *sustainable finance* terhadap *ghg emission*, (4) *female director* tidak dapat memoderasi pengaruh positif *energy consumption* terhadap *ghg emission*.

Kata kunci : *Sustainable Finance, Energy Consumption, GHG Emission, Female Director*