

ABSTRAK

Penelitian ini bertujuan untuk menganalisis pengaruh *capital expenditure*, *green innovation*, dan kinerja lingkungan terhadap *carbon emission disclosure* dengan dewan komisaris independen sebagai variabel moderasi pada perusahaan sektor energi yang terdaftar di Bursa Efek Indonesia periode 2021–2025. Penelitian ini menggunakan metode kuantitatif dengan data sekunder yang diperoleh dari *annual report* dan *sustainability report* perusahaan. Sampel penelitian menggunakan teknik *purposive sampling* dengan jumlah 358 data observasi *unbalanced panel*. Analisis data dilakukan menggunakan regresi data panel dan *Moderated Regression Analysis* (MRA). Hasil penelitian menunjukkan bahwa *green innovation* dan kinerja lingkungan berpengaruh positif dan signifikan terhadap *carbon emission disclosure*, sedangkan *capital expenditure* tidak berpengaruh signifikan terhadap *carbon emission disclosure*. Selain itu, dewan komisaris independen mampu memoderasi pengaruh *capital expenditure*, *green innovation*, maupun kinerja lingkungan terhadap *carbon emission disclosure*.

Kata Kunci: *Capital Expenditure*, *Green Innovation*, Kinerja Lingkungan, *Carbon Emission Disclosure*, Dewan Komisaris Independen

ABSTRACT

This study aims to analyze the effects of capital expenditure, green innovation, and environmental performance on carbon emissions disclosure, with an independent board of commissioners as a moderating variable, among energy sector companies listed on the Indonesia Stock Exchange for the period 2021–2025. This study employs a quantitative method using secondary data obtained from companies' annual reports and sustainability reports. The sample was selected using purposive sampling, consisting of 358 unbalanced panel observations. Data analysis was conducted using panel data regression and Moderated Regression Analysis (MRA). The results indicate that green innovation and environmental performance have a positive and significant effect on carbon emission disclosure, whereas capital expenditure does not have a significant effect on carbon emission disclosure. Furthermore, an independent board of commissioners moderates the effects of capital expenditure, green innovation, and environmental performance on carbon emission disclosure.

Keywords: *Capital Expenditure, Green Innovation, Environmental Performance, Carbon Emissions Disclosure, Independent Board of Commissioners*