

Green Compliance, Profitable Outcomes: The EU Taxonomy's Impact on Utility Firms

Chuối Tiêu Đuôi Ngắn

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“There must be a plan of action because delaying will be dangerous. Kingfisher is unsure if he is too worried, but every time he counts the fish in the pond, the number of fish seems to decrease. The hot and stressful weather also makes his feathers molt and grow slower. The situation seems life-threatening!”

In “GHG Emissions”; *Wild Wise Weird* [1]



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As the European Union advances toward climate neutrality, its regulatory instruments are not only shaping environmental governance but also redefining corporate performance. A key policy in this effort is the EU Taxonomy for Sustainable Activities, which provides a standardized framework to identify and promote environmentally sustainable economic activities. In a recent study, Tonnarello et al. [2] explored how alignment with this Taxonomy influences the financial and operational outcomes of 123 publicly listed utility companies across 22 European countries between 2012 and 2022.

The researchers examined whether disclosing sustainability performance—through indicators such as turnover, capital expenditure (Capex), and operational expenditure (Opex)—correlates with enhanced corporate performance. Using a rigorous difference-in-differences econometric model, the study revealed that firms complying with the Taxonomy showed significantly improved financial metrics, including profitability (EBIT), market valuation (Tobin’s Q), return on equity (ROE), and return on assets (ROA) [2].

These findings are grounded in institutional theory, which suggests organizations respond to regulatory pressures to maintain legitimacy and signaling theory, which posits that voluntary transparency in sustainability can confer competitive advantages in uncertain markets [3-5]. The study found that both mandatory and voluntary disclosures of Taxonomy-aligned activities enhanced firms’ market value and profitability.

Additionally, the study assessed technical efficiency—the effectiveness with which firms convert resources into output. Firms that complied with the Taxonomy demonstrated higher efficiency, indicating that sustainability alignment can also yield operational benefits. These results support the view that sustainability reporting is not merely a compliance exercise but a strategic tool that drives performance.

Beyond firm-level implications, the research underscores the broader potential of the EU Taxonomy to reorient capital flows and reshape business models toward sustainability. By clearly defining what constitutes a “green” activity and mandating disclosure, the regulation fosters accountability and encourages investment in sustainable transitions.

The study illuminates a vital dimension of the nature-human nexus: environmental regulation can be a lever for both ecological integrity and economic resilience [6,7]. As the EU Taxonomy encourages firms to adopt transparent and accountable sustainability practices, it also unlocks pathways to improved financial and operational performance. Aligning with nature, as this evidence suggests, is not a cost—it is a long-term strategic advantage.

References

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