Volume: 11 Issues: 69 Special Issue [October, 2026] pp. 203 - 209
International Journal of Accounting, Finance and Business (IJAFB)
eISSN: 0128-1844
Journal website: www.academicinspired.com/ijafb
DOI: 10.55573/IJAFB.116916

SUSTAINABLE FINANCE FOR SDG 8: DRIVING DECENT WORK THROUGH HUMAN CAPITAL INVESTMENT

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Article history
Received date : 5-9-2026
Revised date : 6-9-2026
Accepted date : 21-10-2026
Published date : 22-10-2026

To cite this document:
Ismail, M. K. A., Nik Hassan, N. S., Mohd Pauzi, N., & A. Malek @ Abdul Malek, S. (2026). Sustainable finance for SDG 8: Driving decent work through human capital investment. *International Journal of Accounting, Finance and Business (IJAFB),* 11 (69), 203 - 209.

Abstract: *The global shift to sustainable development has improved the strategic importance of financial instruments in the achievement of the Sustainable Development Goal (SDG) 8 which promotes decent work and economic growth. Despite the positive environmental and financial impacts of sustainable finance and Environmental, Social and Governance (ESG) integration, their potential to foster workforce development is largely unrecognized. This conceptual paper provides a framework that shows how sustainable finance and corporate ESG initiatives support decent work and economic growth through strategic human capital investments. The framework is grounded in Human Capital Theory and suggests that these sustainability mechanisms accelerate the necessary workforce initiatives that include reskilling, upskilling and Technical and Vocational Education and Training (TVET) programs. Thus, such strategic investment improves employability, aggregate productivity and sustainable economic growth. In this paper, human capital development is proposed as the key mediating bridge between sustainability and macroeconomic outcomes. A unified theoretical framework is proposed to link finance, ESG practices and workforce development to operationalize and deliver the goals of SDG 8.*

Keywords: *Sustainable Finance, Corporate ESG, Human Capital Investment, Workforce Development, SDG 8*

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Introduction

The world economic paradigm is going through a fundamental change from the traditional profit models to sustainable development as a basic principle of organization and government (Dhaigude et al., 2025). Today's players are harnessing sustainable finance and Environmental, Social and Governance (ESG) metrics to direct capital toward global sustainability targets amid escalating environmental crises and expanding socio-economic inequalities. As it channels investments through innovative instruments such as social bonds and sustainability loans toward initiatives that deliver measurable societal benefits, sustainable finance is an important substance in this context (European Parliamentary Research Service, 2024). At the same time, corporate governance has evolved, with ESG integration no longer being just a compliance exercise, but a strategic foundation to ensure long-term corporate resilience and stakeholder value.

Such macro-economic and corporate changes are inherently linked to the United Nations' Sustainable Development Goals (SDGs), in particular SDG 8, which calls for inclusive economic growth and decent work for all (United Nations, 2015). However, while the environmental and direct financial dimensions of ESG have been widely researched, the exact mechanisms through which these frameworks build human capital remain largely unexplored. In a time of fast-paced technological change and volatility in the labour market, strategic investment in workforce development is essential to competitiveness in the marketplace. Recent scholarship has noted this shift, observing that modern ESG compliance increasingly requires robust, data-driven commitments to human capital metrics (Putriani et al., 2025), a trend that is further propelled by emerging global mandates for transparent human capital disclosures (International Finance Corporation, 2025). Thus, to foster fair labour practices and ensure long-term workforce security, it is increasingly crucial to integrate these sustainability metrics into organizational strategies (Sagandykova & Tayauova, 2026).

Alongside these practical advancements, there is an urgent intellectual imperative to unravel the ways in which sustainable capital and ESG strategies systematically drive workforce empowerment. To fill this gap, this paper proposes a rigorous conceptual framework positioning human capital investment as the key mediating pathway between sustainable finance, corporate ESG integration and the ultimate goals of SDG 8. Mapping this transmission path provides a solid theoretical foundation for the direct impact of targeted financial and corporate sustainability initiatives on improved employability, overall productivity and long-term economic growth.

Literature Review

The literature on sustainable development has increasingly been involved at the interface of monetary systems, corporate governance and labour economics. This section highlights four foundational domains which are sustainable finance mechanisms, corporate ESG integration strategies, human capital investment and the combined impact on the decent work and economic growth goals of SDG 8.

Sustainable Finance

Sustainable finance represents a paradigm shift in integrating environmental, social and governance (ESG) criteria into investment and capital allocation strategies (European Parliamentary Research Service, 2024). It looks to finance projects that bring societal benefits and long-term economic viability, instead of focusing only on returns to investors. Recently, the field of sustainable finance has moved beyond its traditional environmental focus to

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aggressively address social and developmental challenges, thereby driving what scholars call green economic growth (Jian et al., 2024). Social bonds and sustainability loans are spearheading this expansion. Social bonds are specialized debt instruments designed to finance essential societal needs such as job creation, healthcare, and educational progress (International Finance Corporation, 2024). Sustainability loans, however, are given to companies that can demonstrate a rigorous and measurable commitment to ESG goals. The creation of these instruments reflects a global consensus that targeted capital can drive societal progress, especially if directed to workforce development to improve overall labour market resilience and aggregate economic productivity (Finch & Dowse, 2023; ICMA, 2024).

Corporate ESG Integration

Corporate ESG integration refers to the deliberate incorporation of sustainability principles into an organization's operational frameworks, strategic planning and daily decision-making processes (Seow et al., 2025). Workforce development is the key driver of the 'Social' pillar of the ESG spectrum. Organizations that support ESG standards continually invest in employee training, diversity in the workplace, occupational health and safety and employee well-being in general (Podungge & Monoarfa, 2025). These strategic allocations demonstrate a focus on developing a flexible, high-caliber workforce capable of handling macroeconomic shifts. In addition, deep ESG integration demands firms implement human capital key performance indicators (KPIs) and follow transparent reporting standards (Khamisu & Paluri, 2024).

Human Capital Investment

This concept, rooted in Becker's (1964) foundational Human Capital Theory, argues that investments in workforce education and skill development are directly tied to increasing individual and organizational productivity. Agile reskilling, upskilling and Technical and Vocational Education and Training (TVET) programs are critical for human capital development in the modern digital economy. Upskilling improves existing skills to keep pace with technology changes, and reskilling trains staff for new roles to retain institutional knowledge through business model changes (MDA Training, 2026). To operationalize these ESG-driven investments, organizations are increasingly turning to digital transformation and Human Resource Analytics (Putriani et al., 2025). In addition, recent global surveys reveal that transitioning to sustainable business models demands unprecedented, targeted reskilling, making workforce development a non-negotiable component of ESG execution (World Economic Forum, 2024).

Decent Work and Economic Growth

SDG 8 is the global benchmark for inclusive economic growth, focusing on fair wages, safe working conditions, equal opportunities and decent jobs (United Nations, 2015; Sagandykova & Tayauova, 2026). The realization of SDG 8 is dependent on a workforce equipped with the exact skills needed to flourish in today's labour markets. A highly trained workforce is the engine of corporate innovation, competitive advantage and national economic growth. To summarize, structured workforce development is the primary transmission mechanism that translates sustainable finance and corporate ESG strategies into deep and broad socioeconomic value (Sagandykova & Tayauova, 2026).

Conceptual Framework

The conceptual framework proposed delineates the strategic avenues through which sustainable capital and corporate governance initiatives translate into tangible macroeconomic results. The model extends Becker's (1964) Human Capital Theory and highlights the main drivers of

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sustainable finance and corporate ESG integration, human capital investment as the central transmission channel and decent work and economic growth (SDG 8) as the ultimate objective.

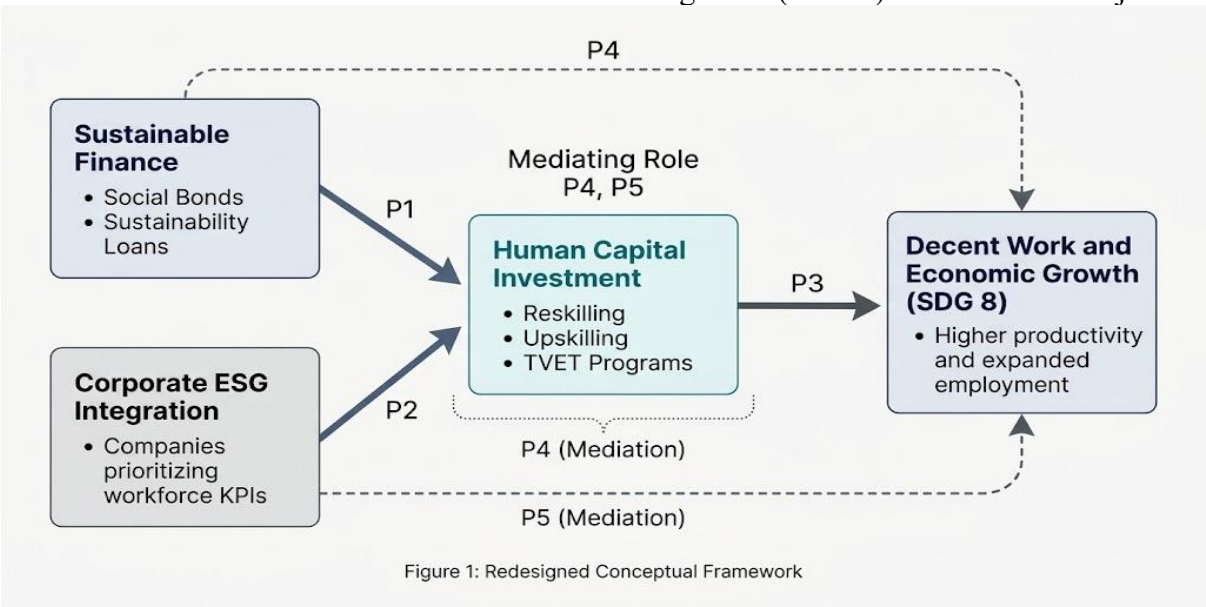


Figure 1: The Sustainable Capital and Workforce Development Framework

Figure 1 illustrates the framework operates as a cohesive system linking sustainability drivers to macroeconomic outcomes through workforce development. The model establishes two primary independent variables: Sustainable Finance, which provides the necessary external capital, and Corporate ESG Integration, which provides the internal strategic mandate. The solid directional arrows (P1, P2, and P3) represent the direct theoretical relationships, illustrating that financial and corporate inputs serve as the critical antecedents for actionable Human Capital Investment, which subsequently drives Decent Work and Economic Growth (SDG 8).

Furthermore, the dashed arrows (P4 and P5) depict the core mediating mechanism of the framework. These pathways indicate that sustainability inputs do not generate aggregate economic growth automatically; rather, they must be operationalized through targeted workforce development to achieve the desired macroeconomic outcomes. The specific theoretical pathways and corresponding propositions are detailed in the subsequent sections.

Sustainable Finance and Human Capital Investment

Sustainable finance is a critical structural enabler, giving organizations dedicated capital to specifically developing its workforce. Tools such as social bonds and sustainability loans offer dedicated liquidity that organizations can deploy directly into capacity-building programs like inclusive employment projects, vocational training and educational programs. With these targeted funds, enterprises are financially empowered to raise employee competencies and thereby remain competitively agile.

Corporate ESG Integration and Human Capital Investment

A commitment to workforce development is not simply financial access, but internal strategic alignment of the organization. Companies with strong ESG integration naturally see their employees as strategic assets and stakeholders, not just costs of doing business. A corporate resilience strategy requires the organization to actively invest in continuous professional development, reskilling, and upskilling, in line with this governance philosophy.

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Human Capital Investment and Decent Work and Economic Growth

Strategic investments in the workforce generate immediate microeconomic benefits that turn into deep macroeconomic dividends. Targeted training at the individual level significantly improves worker adaptability, productivity and long-term employability, and better equips employees to find quality employment. On a macroeconomic level, the development of a highly skilled labour pool drives national competitiveness, directly fulfilling the core tenets of SDG 8.

The Mediating Role of Human Capital Investment

The framework says that the overarching macroeconomic goals of SDG 8 are not achievable by financial and corporate inputs only but need a concrete operational transmission mechanism. Sustainable finance provides the required financial resources, and ESG integration creates strategic organisational commitment. But it is the actual application of these resources to human capital, especially through reskilling, upskilling and TVET programs, which bridges the gap between organisational sustainability efforts and systemic economic improvement.

Table 1 summarises five theoretical propositions derived from the conceptual framework, including both direct and mediating pathways supported by recent empirical literature.

Table 1: Summary of Theoretical Propositions

Proposition	Proposed Relationship	Path Type	Supporting Literature
P1	Sustainable finance positively influences human capital investment.	Direct	Sun et al. (2025)
P2	Corporate ESG integration positively influences human capital investment.	Direct	Jorgji et al. (2024)
P3	Human capital investment positively influences decent work and economic growth.	Direct	Sagandykova & Tayauova (2026); Putriani et al. (2025)
P4	Human capital investment mediates the relationship between sustainable finance and decent work and economic growth.	Indirect (Mediation)	Finch & Dowse (2023); Sagandykova & Tayauova (2026).
P5	Human capital investment mediates the relationship between corporate ESG integration and decent work and economic growth.	Indirect (Mediation)	Sagandykova & Tayauova (2026); Putriani et al. (2025)

Discussion and Conclusion

This conceptual paper presents a holistic framework linking sustainable finance and corporate ESG integration to the achievement of decent work and economic growth (SDG 8) through the critical mediation of human capital investment. Prior literature has largely examined the financial and environmental effects of sustainability initiatives in isolation, but this model

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advances the academic discourse by positioning workforce development as the primary channel through which both social and aggregate economic value are created. The framework, grounded in Human Capital Theory, demonstrates that the investments in reskilling, upskilling and TVET programs are not merely operational costs, but important economic drivers.

The practical implications of this model provide important insights for not only policy makers but also corporate leaders. It shows how sustainable finance instruments can reduce the cost of capital for firms that are committed to developing their workforce. At the same time, strong ESG integration ensures that resources are deployed effectively to mitigate structural frictions in the labour market and technological disruption. A regulatory environment conducive to sustainable finance in relation to human capital KPIs can contribute to unleashing a macroeconomic multiplier effect that will improve labour market resilience.

By integrating corporate sustainability strategies with investment in human capital, the financial sector can make a major contribution to sustainable and inclusive economic growth. In future research, the five theoretical propositions developed in this framework should be empirically tested with quantitative methodologies, such as structural equation modelling, panel data analysis, or predictive algorithms. Such empirical studies will provide valuable evidence of the real effectiveness of sustainable finance and ESG integration in boosting global workforce development and delivering on the remit of SDG 8.

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