Asian Business Research Journal
Vol. 10, No. 7, 76-91, 2025
ISSN: 2576-6759
DOI: 10.55220/2576-6759.502

The Evolution of Impact Investing: Measuring Social and Financial Returns Across Sectors

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Abstract

This research investigate the development of impact investing as a strategic approach to generating financial returns and social and environmental returns. Based on a systematic literature review and comparative sectoral analysis, the study investigates how dual returns are conceptualized and operationalized in key sectors (viz., education, healthcare, renewable energy and fintech), and how these are assessed. The paper explores the effectiveness of current measurement frameworks such as IRIS+, SROI and SDG alignment when applied to different types of investment, considering both what they achieve and what they lack. Drawing on examples from Sub-Saharan Africa, India, and Southeast Asia, the research highlights the trade-offs and synergies characteristic of sector-specific impact strategies. The findings underscore the importance of blended finance, catalytic capital and policy coherence in scaling the credible models of impact investing. The research adds to an increasingly rich literature by proposing an interdisciplinary framework for combined rate of return assessment and by pinpointing levers to strengthen accountability, scalability and investor alignment. It ends with an exhortation to go further together and get under the hood of new tools, such as AI-driven impact analytics and climate-linked finance, to inform future practice and theory.

Keywords: Blended finance, Catalytic capital, Dual returns, Impact investing, SDG alignment, Social return on investment.

1. Introduction

In recent decades, the financial world has experienced a sea change as a growing number of investors seek to align their investments with their values while seeking competitive or superior financial returns. This method — more commonly known as impact investing — has blossomed into a game-changer in the hybrid land of finance and social value. Grounded in the application of the mind-set which seeks to create tangible social and environmental value as well as profit, impact investing is emerging among institutional investors, philanthropic foundations, development finance institutions, and high-networth individuals, especially with the bid to achieve global developmental imperatives like the United Nations (UN) Sustainable Development Goals (SDGs) (GIIN, 2022; OECD, 2023). With persistent global challenges such as climate change, inequality and access to basic services, impact investing is seen more and more not as niche, but as an essential thread in the weave of efforts to unleash private capital for the public good (Bugg-Levine & Emerson, 2020).

Positioning impact investing within the market landscape of socially responsible finance, it becomes apparent that we need to differentiate it from related concepts like ESG (Environmental, Social, and Governance Programs), corporate social responsibility (CSR), or philanthropy. ESG investing usually incorporates environmental and social risks into the financial decision-making process without the need for it to be purposeful and measurable impact (Kölbel et al., 2020). CSR, in contrast, refers to corporate practices of fulfilling ethical obligations typically through philanthropy or systemic activity of compliance, and can generally be described as peripheral to a firm's core business logic. Philanthropy, though traditionally rooted in the concept of social good, generally emphasizes altruism and giving away money free from the obligation of receiv ing a financial return (Jackson & Harji, 2019). By comparison, the boundaries of impact investing intersect inintention, measurability and financial return—a blended approach that redefines value (Emerson, 2022).

And it's that twin consideration of social and financial returns that really sets impact investing apart from these types of things around the edges. The people investing in this space haven't thrown fiscal responsibility out of the window, but rather incorporated social good into their investment theory. This double-edged ambition is becoming relevant as the different stakeholders - from investors to policy makers - realize the limitations of purely profit-driven models to cope with global systemic risks. It is also an opportunity to direct capital flows to inclusive, equitable and sustainable development results (UNDP, 2021). Therefore, impact investing is not simply about "doing less harm, but about having a positive and intentional impact or transformation in underserved communities and in key sectors (GIIN, 2023).

From a historical perspective, impact investing developed from early forms of philanthropic grant-making and SRI approaches into more formalized, institutionalized forms of capital deployment. The term "impact investing" was first used in 2007, although it has its origins in community finance of the 1960s and in mission-driven foundations (Harji & Jackson, 2019). Advocates assert that impact investing has grown to become an increasingly large and sophisticated market over the past decade, as evidenced by the Global Impact Investing Network \(GIIN\) expecting over USD 1.1 trillion in assets under management by 2022 \(GIIN, 2022\). Innovations, including but not limited to blended finance structures, catalytic capital, green bonds, and outcome-based contracting have pushed the envelope of the potential for impact investing in emerging, and developed markets even where/if for different reasons (World Bank, 2021; OECD, 2024).

One of the trends in the development of impact invest is that there has been a diversification in the sectors. With early investments targeted at microfinance and affordable housing, portfolios today are comprised of a diverse set of sectors including education, health, clean energy, agribusiness, digital inclusion and fintech. All of these sectors have their own opportunities and challenges when it comes to measuring financial performance and social impact. For instance, education-specific funds may measure impact by the number of children enrolled or literacy rates; clean energy investments may highlight carbon reduction or energy access (GIIN, 2021). This sector-specific variation highlights the need for multi-level, context-sensitive frameworks for assessing returns in impact investing (Sullivan et al., 2023).

Facing a number of conceptual and operational challenges, the field of impact investing is still in the process of rapid development. At the root of both is the measurement and standardization of impact across sectors and geographic regions. Unlike financial returns, which could be straightforwardly measured using classical metrics like ROI or IRR, social and environmental returns are multi-dimensional, qualitative, and typically experience issues of attribution (Jackson & Harji, 2021). In addition, such forces can bias comparisons making it difficult to set broad benchmarks for success. There is no unified reporting standard and there is a lot of "impact-washing," which erodes transparency and investor credibility (OECD, 2023).

Given this background, this research aims at understanding the development over time and across sectors of impact investing, including how financial and social returns are defined, measured and reported. The following are the research objectives that guide this study in particular:

i. Introducing the evolution of history and institutional development of impact investing from philanthropic origins to marketchasing models.

ii. To understand how social and financial impact are defined, measured, and valued across sectors.

iii. To compare sector level differences in impact investing returns, with examples from health, education, green energy and fintech.

iv. To assess the impact of current tools and frameworks (IRIS+, GIIRS, SROI, etc)on enabling the measurements of dual return.

Towards these goals, the research questions that the study attempts to answer are:

I. What has been the development of the theoretical basis, tools and institutional dimensions of impact investment?

II. What are the primary models and metrics for tracking social and financial returns at scale, across issues and sectors?

III. How do the trade-offs and synergies between the financial and social dimensions play out across different areas of impact investing?

IV. What factors and innovations influence the implementation of frameworks for conducting impact evaluation?

The rest of this paper is organised as follows. The theoretical and conceptual basis for impact investing is described in section 2, providing a set of visual framework describing the dual-return approach. In Section 3, we describe the methodology, such as data sources and evaluation criteria. History of impact investing in section 4 gives a detailed chronology of the development of impact investing. Section 5 reviews sectorial measurement approaches and its challenges. Comparative case vignettes are presented in section 6 to exemplify these risk premia. Section 7 concludes by summarizing the findings and discussing policy implications. We end Section 8 with thematic insights into how impact investing is likely to grow and evolve, and which areas merit additional study.

2. Conceptual and Theoretical Review

2.1. Conceptual Clarification and Review

Assessing the performance of impact investments cannot simply rely on sound, credible and standardized metrics for both financial and social returns. Whereas traditional investment is largely based on quantifiable financial metrics – internal rate of return (IRR), return on equity (ROE), net present value (NPV), and so forth – impact investing requires a broader assessment that encompasses non-financial results such as increased access to health services, educational achievement, carbon emissions reduction, and access to financial products and services. In the last decade, a range of tools and frameworks have emerged in response to the demand for standardisation and comparability of impact measurement. The most broadly used of these includes IRIS+, GIIRS, SROI, SDG alignment, and Impact Weighted Accounts, each with specific attributes, benefits and constraints.

Developed by the Global Impact Investing Network (GIIN), IRIS+ is a free, open-source system of metrics intended to be used by investors to measure, manage, and optimize the social, environmental, and financial performance of their investments (GIIN, 2023). It offers a common set of metrics customized by sector (e.g., health, agriculture, housing) and outcome areas that org nizations and investment portfolios can use. IRIS+ has the potential to help investors to connect their impact strategy with global standards like the SDGs, while also allowing for sector-specific nuances incredibly valuable. A key benefit being the flexibility it provides to benchmark against peer investments and to aggregate impact data across funds, geographies and sectors.

GIIRS Following IRIS+ is the Global Impact Investing Rating System (GIIRS), the independent impact rating and analytics platform managed by B Lab. By calculating scores for five areas of impact (governance, employees, community, environment, and customers, B Lab, 2022) it uses a broad scoring mechanism. While IRIS+ is metric-based only, GIIRS integrates both qualitative and quantitative data, outputting an impact score to allow fund managers and institutional investors to benchmark impact performance at the company and portfolio levels. GIIRS has been particularly popular as an impact measurement tool among impact funds and private equity vehicles looking to demonstrate their impact investment practices, especially in emerging markets (Jackson & Harji, 2021).

The SROI toolset also supplements this by providing a methodology to attach a dollar value to social impacts – thereby turning unquantifiable benefits into a dollars and cents figure (e.g. $4 of social value created for $1 invested). In contrast to GIIRS or IRIS+, SROI focuses on the stakeholder, and extensive mapping of inputs, outputs, outcomes and impacts is required, integrated in many cases with a Theory of Change as its conceptual pillar (Nicholls et al., 2019). Although SROI helps to make social value more transparent for predominantly financial-focused investors, it is criticised for being based on subjective assumptions and for the lack of comparability between sectors (Maas & Grieco, 2017). Yet, many NGOs, social enterprises and impact funds use it, mostly in areas like education, community development and health.

The SDG alignment framework offers a macro level impact orientation, enabling investors to connect their capital allocation to targeted global development agendas. The SDGs contain 17 goals and 169 targets, from poverty reduction to climate action, thus creating a universal language for impact results (UNDP, 2021). Many funds ask investees to map their impact outputs to SDGs for tracking purposes internally, but also in hopes of being able to dovetail with global ESG disclosure mandates and values-aligned investors. Although SDG mapping is not as precise as IRIS+ or SROI, its value is in universality and policy relevance.

More recently, a new development in reporting has been Introduced known as the Impact-Weighted Accounts (IWAs), whose goal is to integrate impacts into basic financial reporting, value them monetarily and include them in traditional financial statements, such as profit and loss accounts (Serafeim et al., 2020). The method, developed by Harvard Business School's Impact-Weighted Accounts Project, attempts to internalize externalities like costs of pollution and social wage premiums into profit-and-loss numbers. The novelty of this one is that it could move impact accounting into the mainstream by putting impact onto the balance sheet and making firm-to-firm comparisons easier, and shaming a bit harder. FORM TO CONTENT Although early-stage so far, IWAs are increasingly being piloted by corporates and funds who are seeking fully audited impact disclosure.

The choice and use of such metrics, however, also will depend on sector-specific return profiles, as the financial and social returns differ widely depending on industry. In healthcare, for example, impact could be reduced to indicators (e.g patient reach, disease incidence reduction, or maternal health condition), and the latter can be moderate because of regulatory pricing, non-profit collaboration, or cost in R&D. By contrast, there is a strong positive correspondence between financial and social returns in renewable energy, particularly in solar and mini-grid infrastructure where investors can earn predictable, inflation-linked mail-rate returns, while rural villages secure access to energy as well as environmental gains (World Bank, 2022).

When it comes to investments in education, your social returns might be seen as higher enrolment, improved literacy, or teacher quality but the monetization of these results is not straightforward, and the financial returns could be less or take longer. Fintech and digital inclusion solutions tend to demonstrate financial returns, with the possibility for fast scaling and high market demand, but social impact returns such as broader access to financial services, or mobile banking infrastructure, for excluded demographics need to measureable in ways that are immune from "impact-washing". In agriculture, particularly smallholder agriculture, returns are heavily influenced by seasonal risks, climate variability, and market access, which makes social metrics (eg, yield increase, food security, gender empowerment) more fundamental than high financial returns.

Accordingly, diversity of sectors represents a challenge and an opportunity for the impact measurement frameworks. Metrics need to be standardized enough for aggregating, benchmarking, and strategic decision making, but flexible enough to capture the nuanced specificities of each sector. A homogenous measure of impact would not only be methodologically erroneous, but it might also unduly influenceresource allocation, and thwart desirable or sustainable ends. And so, a robust impact investing ecosystem will be one where IRIS+ is thoughtfully integrated (as stand- ardization), SROI (as valuation), GIIRS (as certification), SDG alignment (as global coherence) and Impact-Weighted Accounts (as mainstreaming account- ability) - all accounting for the realities of sector-specific return dynamics.

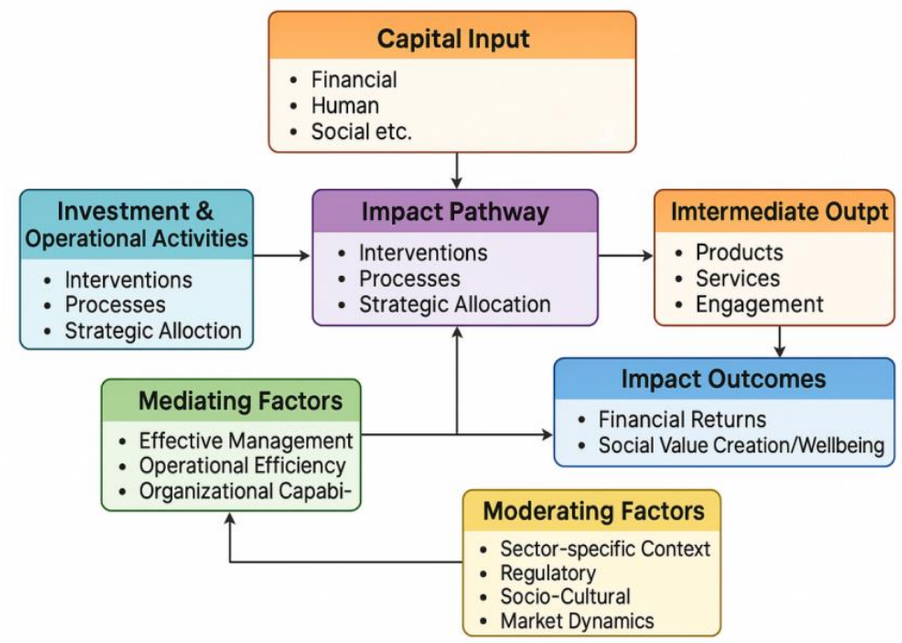

Figure 1. Integrated Conceptual Framework for Measuring Dual Returns in Impact Investing.

This diagram visually represents the full logical flow of the study, capturing how capital inputs—financial, human, and social—are transformed through targeted investment and operational activities into intermediate outputs and measurable impact outcomes. Mediating factors such as effective management and operational efficiency shape the internal transformation process, while moderating factors—sectoral context, regulatory environment, socio-cultural dynamics, and external shocks—influence the strength and direction of both financial and social returns. The framework supports a systematic evaluation of how impact investing generates blended value across diverse sectors, aligning with the study's objective to explore trade-offs, synergies, and contextual variability in achieving dual returns.

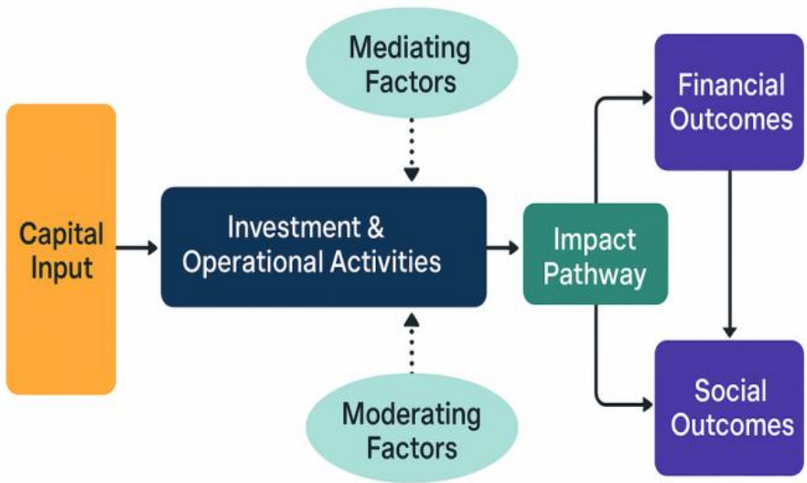

Figure 2. Conceptual Framework for Dual-Return Impact Investing.

This diagram illustrates how capital inputs are transformed through investment and operational activities into measurable financial and social outcomes. Mediating factors such as efficiency and innovation enhance internal pathways, while moderating factors—like regulatory environments and sectoral conditions—influence outcome strength. The framework underscores the integrated flow of capital toward blended value creation in impact investing.

2.1.1. Assessing Financial and Social Returns

The quantification of both financial and social returns—also known as dual return assessment—remains one of the most convoluted issues in the impact investing sector. "Financial returns are relatively easy to measure using traditional investment metrics like IRR (internal rate of return), NPV (net present value), and ROE (return on equity) while social returns are best measured using contextually appropriate (often qualitative) measurement tools. Such measurement differences are further compounded by the challenge of attributing outcomes to social interventions within dynamic social systems which pose significant methodological and conceptual challenges (Jackson & Harji, 2021; GIIN, 2023).

Lack of standardisation One of the key obstacles for a dual return measurement approach is the absence of standard measurement methodologies that can be scaled and applied across all sectors, geographies and types of investment. Social impacts are usually remote, indirect and multi-factor, rendering casual identification a challenge (Ebrahim & Rangan, 2014). Moreover, investors have a wide range of comfort levels with social vs. financial trade-offs; some require market-rate financial returns, while others will accept concessionary returns – in the form of below-market financial returns – in exchange for high impact. This leads to heterogeneity in investor expectations

and a challenge to benchmarking (OECD, 2023). Moreover, a risk for impacting-washing (i.e., claiming investments to be impactful without sufficient evidence) may arise if measurement instruments are not sufficiently stringent, transparent or subject to independent verification (Serafeim et al., 2020).

Overcoming these challenges, practitioners have started to embrace sector-specific metrics as a way of measuring the impact relevance and financial performance. For health, fundamental social performance indicators are patient extent, decline of disease prevalence, maternal and child health and equity of access to health care. Monetary returns here typically come in such forms as proliferating insurance coverage, lower-cost treatments, or scalable telemedicine schemes. But moderate IRR has already been the norm for the industry because of the regulatory Indians, the long gestation period and public-private dynamics (World Bank, 2021). Measurement frameworks such as IRIS+ suggest metric PI4060 (patients served) and PD1602 (average reduction in ill days) to measure health outcomes (GIIN, 2023).

In the field of education, social performance is measured by such indicators as student learning outcomes, enhancement of the literacy rate, teacher-student ratios and equity of access (in particular for girls and excluded population). The financial return opportunity here is generally small and long-term, especially if the investments are made into early childhood or public education at scale. But newer models, such as income-share agreements and ed-tech platforms, have paved the way for new channels of monetization and scalability. Social return on investment (SROI) approaches are particularly suited to this sector by structuring financial proxies to incorporate such outcomes as higher future incomes or enhanced social mobility (Nicholls et al, 2019). For example, a US$1 investment in early childhood education can bring a US$4–$9 return in long-term social benefits (UNESCO, 2022).

Among industries, the best mutual fit for financial and social returns is likely in the energy sector, specifically the clean and green energy space. From a financial point of view, commonly these generate stable cash flows, inflation indexed revenues and attractive pay back period (PPA). " Socially, advantages consist of decreasing CO_2 emissions, increasing energy accessibility in rural areas, creating local employment, and providing women with a safer alternative to combustions in their homes. Measurement platforms like GIIRS and IRIS+ with metrics such as OI1479 (tons of CO_2 avoided) and PD1516 (number of households with access to electricity) are worth considering. This sector is a case in point in terms of an industry that embodies a model where financial footprint directly connects to SDG 7 and 13 and extremely suitable for blending finance instruments and green bond investors (OECD, 2024; IRENA, 2023).

Among fintechs and SMEs, impact measurement is increasingly oriented towards financial inclusion, access to credit, digital literacy and business growth as benefits, and particularly addressing women and underserved communities. There is typically more emphasis on financial returns in this area given low capital intensity, scalability and market feedback. Metrics such as the inclusivity index, new growth in TPV or customer acquisition in unbanked geographies are strong measures of social outreach. But the responsible provision of loans and prevention of over indebtedness also remain important ethical issues (Klapper et al., 2021). The IRIS+ metrics, such as PI9317 (number of first-time borrowers) and PD5041 (percentage of female clients served) are commonly employed to monitor these effects.

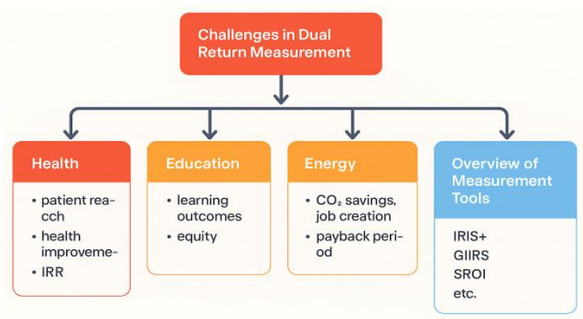

Figure 3. Dual Returns Measurement Framework.

This diagram outlines the key challenges in measuring dual returns across sectors and the tools used to address them. It categorizes metrics by sector—health, education, energy—and aligns them with relevant financial and social indicators. The flow leads into measurement tools such as IRIS+, GIIRS, and SROI, emphasizing the need for sector-specific yet standardized evaluation approaches

As for measurement instruments, several frameworks offer guidance in all sectors. Led by the GIIN, the IRIS+ system provides a set of standardized metrics tied to the SDGs and sector. It enables comparison and consistency for measuring social results, but does not provide ratings. GIIRS, by contrast, offers comprehensive impact scores and third-party validation, which are useful to funds at the level of fund. It provides a more monetized impact valuation, driven by the stakeholders and is suited to the social environment. A global compass, but no granularity, is offered by the SDG alignment framework while ImpactWeighted Accoun ts seek to entrench ex ternalities in traditional financial reports, but are in their infancy (Serafeim et al., 2020; Clark et a l., 2023).

Comparative Analysis Across SectorsA comparative analysis across sectors reveals that the presence of concurrent financial and social returns as well as their trade-offs and synergies differ substantially. Social impact is more immediate, and clearer-cut, in the fields of health and education, yet sinks in the economic arena may take years to emerge. In energy and fintech, dual returns are closely related, with financial models underscoring swift scale in parallel to tangible impact. These distinctions highlight the necessity of sector-specific impact strategies and the requirement for adaptive metrics to mirror distinct sector structures and constraints.

In the end, if an impact investing strategy is to be well executed, it will be the result of a tension between robustness and sensitivity, grounded in taking metrics that are not only valid and reliable but are valid and reliable for those who stand to benefit from making good on the mission. The combination of financial and social performance continues to be the lifeblood of credibility and success within Impact Investing.

2.1.2. Evolution of Impact Investing

The idea of impact investing is a far cry from what it was just a few short years and decades ago; it has progressed from a mere thought most strongly evident within the actions of philanthropic-minded financiers, not to mention including the now widely-adopted strategy in capital markets around the world. This transformation is indicative of a larger trend in how we view capital — beyond financial returns as a source driving positive, measurable social and environmental change. Impact IQ that allowed the field to mature across several phases, defined by a combination of principled and pragmatic innovations both at the level of institutions, financial markets and global development priorities (GIIN, 2023; OECD, 2024).

The first phase in the rise of impact investing evolved from philanthropy and venture philanthropy, as mission-oriented individuals, foundations, and religious groups looked to support social enterprises without entirely relying on grants to provide public goods. This era, which roughly encompassed the reign from the 1960s to early 2000s, was focused on value-driven allocation of resources—often investing in community development, microfinance or affordable housing. Venture philanthropy contrasted with the unstructured approach of traditional philanthropy by bringing the tenets of strategic investing to the social sector, with a focus on scalability, sustainability and performance, while still placing social value ahead of financial returns (Harji & Jackson, 2019). Can this phase, key actors were mission-related foundations such as the Rockefeller Foundation and the Calvert Foundation, who started to experiment with programme-related investments and subordinated debt to derisks early-stage social ventures (Jackson & Harji, 2021).

The expansion period for impact investing, starting in the late 2000s, saw the arrival of institutional investors, the recognition of impact measurement frameworks, and growth of international networks and coalitions. The concept of " impact investing" was first coined in 2007 at a gathering at the Bellagio Center in Italy, sponsored by the Rockefeller Foundation, which helped to develop further recognition of the space (Bugg-Levine & Emerson, 2020). It was during this phase that important institutional infrastructure was established, such as Global Impact Investing Network (GIIN), Principles of Responsible Investment (UNPRI) and the Global Steering Group for Impact Investment (GSG). These media enabled the transfer of knowledge, harmonisation of techniques and mobilisation of capital. Its annual surveys showed the exponential trajectory of the sector, as assets under management leapt from $25 billion in 2013 to more than $1.1 trillion by 2022, driven by growing interest from pension funds, development finance institutions (DFIs) and family offices (GIIN, 2022). At the same time, international regulators and market-makers started to recognize impact investing as an investment type, supporting ESG [environmental, social, and governance] integration and sustainability disclosure criteria.

Impact investment has evolved in recent years to encompass complex financial structures and market instruments that appeal to commercial and concessional capital. Key to this process is the use of catalytic capital – that is, patient, risk-tolerant capital that aims to leverage private investment into high-impact sectors and geographies (MacArthur Foundation, 2022). Catalytic capital is commonly deployed as subordinated debt, guarantees or first-loss tranches in blended finance arrangements. Concurrently, blended finance has become an important tool to align development needs with commercial money, particularly in frontiers and emerging economies. Blended finance modalities are used to leverage public or philanthropic finance through private sector investment to de-risk investments in projects that generate social benefits, such as renewable energy, health and agriculture (OECD, 2023).

In addition, new products including green bonds, social bonds, and sustainability-linked products have broadened the universe of opportunities for impact-seeking capital. For example, the global green bond market topped over 500 billion USD in annual issuanc es by 2023 with funds directed towards climate-smart infrastructure and energy transition projects (ICMA, 2023). A further development has been the increasing popularity of results-based financing models – for example Social Impact Bonds (SIBs) and Development Impact Bonds (DIBs) – which tie financial returns to the delivery of pre-defined social outcomes. They have been particularly helpful in areas with more measurable outcomes and public sector participation, such as education, employment, and public health (World Bank, 2021).

While the impact investing sector is said to have been on a steady uptick, exploring how global versus regional trends play out draws a more nuanced and mixed picture. In developed economies, institutional investors, regulatory requirements, and pressure from socially conscious consumers have been the main proponents of impact investing. Mature capital markets, strong data infrastructure, and ESG regulation have led firms in regions like North America and Europe to adopt at a faster rate. For example, the European Union's Sustainable Finance Disclosure Regulation (SFDR) mandates asset managers to disclose what sustainability risk and principal adverse impacts they create, to be more accountable and transparent to the market (European Commission, 2022).

Where traditionally the impact investing market has grown, it has been much more symmetrical in developing economies and heavily concentrated in Sub-Saharan Africa, South Asia, and Latin America. While the social and environmental needs in these regions tend to be the most pressing – and therefore largest impact – these markets often experience structural challenges, such as regulatory instability, weak investor protection, underdevelopment of pipeline, and currency risk (GSG, 2023). Although these problems are profound, some very creative regional projects have sprouted. For instance, the African Development Bank has advocated for local currency blended finance funds, and India has a thriving social enterprise ecosystem including domestic and international impact funds as well (UNDP, 2021). Nevertheless, capital entering developing markets remains a small portion of global impact investing investments—limited to under 20% in crica 2022—and the global allocations have underscored the need for targeted policy interventions, de-risking mechanisms and catalytic funding to redress these imbalances (GIIN, 2023).

In short, the trajectory of impact investing from values-based philanthropy to market-driven financial innovation represents a seismic reshaping of global finance. Growing up is characterized by greater convergence of financial and social performance, underpinned by robust measurement models and a widening array of tools, models and cross-sector collaboration. The future development of the sector is likely to be driven by the intersection of technology, data analytics and sustainability imperatives to close the regional divide and democratize access to impact capital.

Figure 4. Evolution of Impact Investing.

This diagram traces the historical trajectory of impact investing across four phases: the early phase characterized by philanthropic capital and venture philanthropy; the growth phase marked by institutionalization and the emergence of GIIN, UNPRI, and GSG; recent trends including blended finance and green bonds; and the global-regional dynamics that differentiate approaches between developed and developing economies.

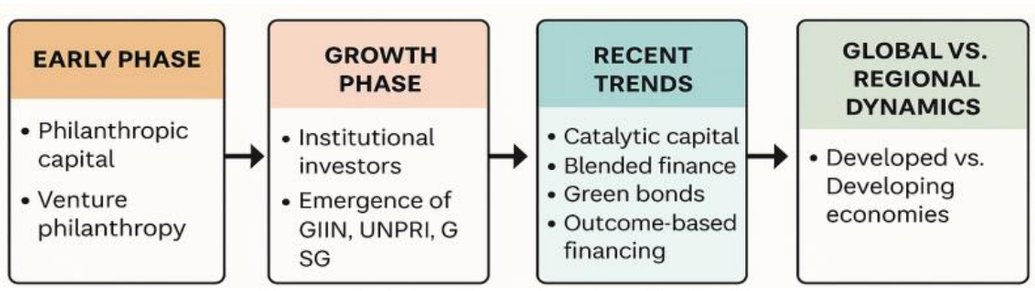

Figure 5. Evolution of Impact Investing – Timeline View.

This timeline infographic illustrates the progressive development of impact investing across four major phases: early philanthropic origins, the institutional growth era, recent innovations such as catalytic capital and green bonds, and the divergence between global and regional dynamics. It highlights the chronological trajectory and key milestones shaping the impact investing landscape globally.

2.1.3. Comparative Cases in Impact Investing

The diversity of impact investing by sector and geography highlights the need for comparative analysis. Through the lens of three different but representative cases – an education impact fund more focused on the return in education in Sub-Saharan Africa, a bond initiative around renewable energy in India, and an innovation fund for healthcare in Southeast Asia – this section explores in multiple dimensions, how social and financial returns, capital structures, and levels of risk differ across contexts. In addition, these case studies demonstrate how impact investing practices are applied, the usefulness of impact measurement tools, and structural issues investment practitioners will need to consider as they align purpose with profit.

Case 1: Education-Driven Impact Fund in Sub-Saharan Africa Background of INJINI and Its Activities INJINI: Education Impact Fund for Africa INJINI was established in 2018 as an education impact fund focusing on sub-Saharan Africa.

The Educate Access Fund (EAF)—a fictional yet representative amalgam of actual models including impact portfolio managed by Novastar Ventures and UBS Optimus Foundation—seeks to invest in scalable, low-cost education models in SubSaharan Africa. These range from low-cost private schools, digital literacy initiatives, and teacher training ventures. The fund raised USD 45 million from philanthropic foundations, DFIs and mission-aligned family offices as a blended financing mechanism in a 60:40 equity-debt model and a catalytic first-loss tranche to de-risk early-stage businesses (World Bank 2021).

EAF prioritizes the social metrics: student enrolment growth, improvement in learning outcomes (captured through literacy and numeracy assessments), and gender equity in access. IRIS+ indicators (e.g., PI4060: Number of students served) and SROI models have been used to measure outcomes with a projected social return of 3 to 1 over five years (GIIN, 2023). But, the financial returns have been pedestrian at best, with IRRs of 4-7% given the long gestation periods and low-margin business in these under served territories. Political risk, exchange rate volatility and regulatory risk English language in education The risk profile is high given political instability, forex risks and regulatory uncertainty in the education segment. However, the fund's capital stack, including its

concessional tranche, and its impact-first investors has managed to absorb early losses in a way that delivers impactful social value.

Case 2: India Renewable Energy Bond: The GreenGrid India Bond This is a large scale debt-based impact vehicle focused on utility-scale solar and wind projects whose structuring was led by a consortium of Indian private sector renewable energy developers with support from the Indian Renewable Energy Development Agency (IREDA). The USD 150 million bond was green-labelled under ICMA's Green Bond Principles and maturing in 7 years, has a fixed annual coupon of 6.5%. It drew investment from EU and Japanese institutions who were looking to combine climate-aligned portfolios with stable emerging-market yields (ICMA, 2023).

The social and environmental KPIs are directly contributing to SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action) and include megawatt hours of clean energy generated, tons of avoided CO_2 emissions and rural households electrified. For results reporting, IRIS+ indicators such as OI1479: GHG Emissions Reduced and PD1516: Households Gining Electricity Access are adopted. The money earned through the bond has been steady and competitive with open markets, supported by power purchase agreements (PPAs) with state utilities. The risk is moderate, which includes the risk of delay of payments by the utilities and the movements in the foreign exchange but partially mitigated by the facility carries a partial credit guarantee from a multilateral development bank. This is a deal in which the financial and the impact proposition are closely aligned, and therefore should appeal to the mainstream ESGist cohort of investors.

Case 3: Health Innovation Fund in South East Asia

The ASEAN HealthTech Fund targets early-to-mid stage digital health businesses in Indonesia, Vietnam and the Philippines. The fund is looking for solutions such as AI-based diagnostics, telemedicine platforms, maternal health apps and logistics for last-mile vaccine delivery. The fund, with USD 70 million in capital commitments, uses a hybrid capital structure of venture capital equity and global health philanthropy grants, structured to enable mission-aligned exits and scale innovations (GSG, 2023).

Social impact indicators are measured based on the patients reached, disease averted, and equity in health. Key metrics include PD1602: Average return days of illness PI4060: Count of patients served but also health outcome proxies drawn from public health databases. This fund also makes use of Theory of Change models which aids in understanding how health interventions can be mapped to intermediate and long-term health results. SROI analyses suggest a high impact potential— especially in maternal health for which investments in mobile ultrasound and prenatal care apps have been found to drive decreasing rates of neonatal complications. From an economic perspective, the fund is pursuing IRRs in the 10-14% range, although realized returns fluctuate massively by venture as a result of regulatory headwinds and market fragmentation. The risk profile is high to moderate; this is indicative of the volatility of startup health markets mitigated somewhat by grant-funded technical assistance and digital scalability.

Table 1. Comparative Analysis.

Criteria	Educate Access Fund (SSA)	Green Grid Bond (India)	ASEAN Health Tech Fund (SEA)
Capital Structure	Blended finance with catalytic capital	Green bond with PPA-backed returns	Hybrid equity-grant structure
Financial Return (IRR)	4–7%	Fixed6.5% coupon	10–14% (targeted)
Social Metrics	Enrollment, learning outcomes, gender equity	CO_2 avoided, households electrified	Patient reach, maternal health outcomes
Measurement Tools	IRIS+, SROI, SDG alignment	IRIS+, GIIRS, SDG mapping	IRIS+, SROI, Theory of Change
Risk Profile	High (political, regulatory)	Moderate (PPA risk, FX)	High (startup volatility, regulation)
Geographic Focus	Sub-Saharan Africa	India	Southeast Asia
Sector-SDG Linkage	SDG 4 (Education)	SDG 7, 13 (Energy & Climate)	SDG 3 (Health)

Table 2. Sectorial Dual Return Matrix.

Sector	Financial Return (IRR/ROI)	Social Return (SROI/SDG Impact)	Return Alignment
Education	Low to Moderate	High (SDG 4)	Trade-off
Healthcare	Moderate	High (SDG 3)	Partial Synergy
Clean Energy	High	High (SDG 7 & 13)	Strong Synergy
Fintech/SMEs	High	Moderate (SDG 1 & 17)	Synergy with Risk

The Sectoral Dual Return Matrix compares financial and social returns across key impact sectors, highlighting areas of trade-offs, synergies, and risk. This table is useful for guiding investment decisions and assessing sector-specific alignment with Sustainable Development Goals (SDGs)

These comparative case studies illustrate the diversity of approaches in impact investing and the importance of tailoring capital structures and measurement frameworks to sectoral and regional contexts. The education fund prioritizes deep social impact with patient capital, the energy bond showcases a highly scalable and financially stable model, while the healthcare fund navigates innovation-driven impact with moderate-to-high financial upside. The common thread across all three is the use of blended measurement tools—IRIS+, SROI, and SDG alignment—to articulate and track dual outcomes. As impact investing continues to evolve, such sectorally nuanced strategies and comparative insights will be essential for maximizing both financial viability and developmental relevance.

2.2. Theoretical Framework

There are multiple theoretical underpinnings of impact investing, as it draws on a number of related but distinct frameworks that prioritize financial return and the generation of measureable social value. As impact investment transitions from a sui generis philanthropic venture to a full-fledged investment vehicle, it is necessary

to be informed by rich theoretical frameworks that are conducive to the twin goals of profit maximization and social purpose. The Blended Value Theory, Theory of Change, Social return on Investment (SROI) and Stakeholder Theory are some of them that together form the base on which understanding the mechanisms and perspectives governing impact investments are built.

The Blended Value Theory, developed by Emerson (2003), holds that all organizations, whether for-profit or philanthropic, create a blend of economic, social, and environmental value and that distinguishing these orbits is an artificial and disempowering construction. It is the fundamental belief in impact investing that questions the historic division of financial return and social impact and insists that capital can and should be used to generate combined value. KeyValue thus becomes a common denominator across investors, entrepreneurs, and institutions – who all aim to seek financial returns while also bringing about individual and environmental impact. Recent applications of this theory have shown its applicability to hybrid organizations and hybrids as investment vehicles that bridge multiple value domains (Bugg-Levine & Emerson, 2020; Nicholls, 2021).

To this is added the Theory of Change, which offers a logic model for how selected interventions are expected to produce your desired results. This approach is particularly valuable for impact investing where the multiple causal pathways from the investment input to the social and environmental outputs can be better visualized. This demands explicit statements not only of what is assumed to take place (the activities, or interventions), on what conditions (context), and how it will be evident that a change has taken place (indicators of success), but also promotes transparency and accountability for measuring impact (Weiss, 1995). Investors and enterprises with a strong focus on impact often rely heavily on the Theory of Change to design investments, decide on performance benchmarks arrange for stakeholder engagement in co-defining outcomes. It is especially powerful in more complex, multi-stakeholder ecosystem domains like education or healthcare where pathways to impact are non-linear and change dynamically (Clark et al., 2019). Development finance institutions and social enterprises have also strengthened the framework by embracing it to align activities with the 2030 Agenda for Sustainable Development (UNDP, 2021).

The SROI (Social Return on Investment) model adds another layer to the evaluative capacity of impact investing by providing a systematized approach for translating the social value generated into monetary units. Extending well-worn cost-benefit analysis, SROI attaches monetary proxies to social effects, allowing investors and organizations to quantify the social return generated by their activity using a ratio (e.g., $3 of social value for every $1 invested). This model allows comparability and articulates its impact to investors in terms they understand (financial returns), yet also retains social change at the centre of investment decisions (Arvidson et al., 2013; Maas and Grieco, 2017). However SROI has also been criticised because it is based upon subjective assumptions, and because monetisation does not always reflect the true value placed on intangible, particularly qualitative, outcomes, such as feelings of empowerment or positive mental well-being (Nicholls et al., 2019). Yet its use in various industry settings—from renewable energy to micro-finance—demonstrates how malleable and increasingly credible RI&A practice has become.

Also calling into question the exclusive relevance of the shareholder value model is Stakeholder Theory, which argues that the purpose of the organization is to create value for a diversity of stakeholder groups—not just the shareholders (Freeman, 1984). In the context of impact investing, this theory contributes to argument that the perspectives, needs and rights of affected communities, clients, employees and the environment need to be central consideration in the investment process. Stakeholder participation is an economic necessity rather than a normative one, as it enables the promotion of legitimacy, lowers operational risks, and supportive decision-making that takes place in context that is sensitive to both the social and economic environments in which such investments are made (Hörisch et al., 2020). Additionally, this involvement of different stakeholders reinforce impact measure frameworks, as it becomes a way to ensure that metrics are embedded with the outcomes that are most important for those affected by the intervention (Clark & Brennan, 2019). Recent research has also provided evidence on the extent to which resilient stakeholder frameworks enhance governance and health distribution and the fair share of benefits in impact-oriented projects (Ebrahim & Rangan, 2014).

When combined, these theories provide a complete analytical viewpoint to assess the development, mechanisms and impact of impact investing in the various sectors. As per the Blend Value explain the philosophical underpinnings for financial and social results being deliberately knit together; Theory of Change lays out specific causal paths between the investment of capital and the achievement of impact; SROI gives us a means by which to quantify a social value in monetary terms; Stakeholder Theory keeps the logic of value creation grounded in the arena of inclusive, democratic and ethical processes of value creation. The goals of our research—to quantify and compare social and financial returns between sectors—requires not only one theory. But, in the opinion of the researcher, the integration between BV and T of C is the most relevant in strength terms for this study. As the theoretical basis, Blended Value Theory provides the ground of integrated value creation; whilst Theory of Change enables operationalization of impact pathways and outcomes. Together, they offer a sophisticated look at the ways in which impact investing produces a multi-dimensional return, which can be tapped in a host of sectors including housing, health, energy, and financial access.

3. Methodology

This paper follows a qualitative, multi-layered methodological approach that is inspired by a combination of systematic literature research and sectoral comparative analysis, with elements of mixed methods to account for empirical insights and conceptual synthesis. Given the interdisciplinary character of impact investment between finance and social science, development economics, this integrated format seems particularly suitable to study the development of the field and the challenges of dual impact measurement in cross-sectoral contexts.

The methodology is divided into two parts: the first one touches a systematic literature review which is done following the PRISMA 2020 criteria (Preferred Reporting Items for Systematic Reviews and Meta-Analyses). 2.1. Reviews were conducted and support was sought across the stages— identification, screening, eligibility assessment, and inclusion – and types of sources, peer-reviewed academic literature, policy reports, and practitioner literature from 2019 to 2025. Data sources included academic databases (Scopus, Web of Science, ScienceDirect),

institutional databases (e.g., Global Impact Investing Network (GIIN), ImpactBase and IRIS+, and OECD iLibrary, UNDP SDG Knowledge Platform). The selected sources also focused specifically on those possessing empirical testing, strong constructs, or conceptual models of impact investing -financial performance -social return in various themes. The PRISMA flow chart was used to present the review process, including the number of records identified, screened, assessed for eligibility and ultimately included in the qualitative synthesis (Page et al., 2021).

The systematic review is accompanied by a sectoral comparison framework which aims to ascertain how financial and social returns are defined, measured, and realized across specific impact sectors, such as in education, healthcare, clean energy and fintech/SMEs. We observed each sector using a content framework, which incorporated descriptive and evaluative categories. Capital structure and financing sources, financial return indicators (ROI, IRR) and the assessment of social return proxies (i.e., SROI ratios, degree of SDG alignment, and with IRIS+ metrics), Risk profiles including contextual regulatory or geopolitical elements, and Measurement tools and reporting systems were evaluated for each case.

Wh ere possible, triangulation was employed with empirical values from impact measurement datasets from global sources such as the GIIN Annual Impact Investor Survey, IRIS+ metrics repository and the Impact Measurement Project Database to enhance the credibility of conclusions. For instance, indicators that belong to the family of IRIS+ indicators such as PI4060 (number of beneficiaries served), OI1479 (GHG emissions reduced), and PD1602 (health outcomes improved) served to ensure comparability across the social outcomes. Financial indicators were generated from investment disclosures, annual reports and third-party assessments where they were available. SDG alignment was employed as a global normative framework to locate outcomes in relation to internationally-agreed goals (UNDP, 2021).

Two assessment method of the study were developed based on the blended value creation precepts. While standard financial-performance measures (ROI, IRR, payback period, and revenue growth) were employed to enhance completeness and comparability across the investment types. Social performance, by contrast, was assessed by context-specific indicators such as improved access to basic services, reductions in inequality, and environmental sustainability. SROI was especially helpful to monetize qualitative results of education and health outcomes, SDG mapping enabled cross-sectional aggregation of social value. It promoted the identification of tradeoffs and synergies of financial and impact results which were more easily identified and interpreted, thus enhancing the synthesis across cases.

However, the study was not without limitation despite being a strong method the limitations still exist. First, our dependence on secondary data may create biases due to discrepancies in reporting, selective reporting, and the absence of longitudinal reporting. Many impact investing deals — especially in emerging markets — have not yet standardized their reporting, thereby making it difficult to compare data from case to case. Second, findings could not be necessarily generalized due to the variety of sectors and the geographies from which data were collected. Although the present study tries to account for these differences with an organized comparative model, results need to be considered from a sector perspective. Third, lack of real time primary data collection restricts the depth of empirical inference. This limitation is moderated by triangulation case studies and multiple reliable sources however.

The study will also be limited to impact investing between 2015–2025 with a focus on the developing and emerging market regions those areas are most in need of social and environmental solutions, but with high investment risks and lack of scale. The education, health, clean energy, and fintech sectors were selected because they are highly relevant to the Sustainable Development Goals (SDGs) and represent sectors with substantial coverage in impact portfolios worldwide (OECD, 2023; GIIN, 2022). It is possible that future work can further develop this approach to incorporate quantitative econometric models, tracking long-term effects with firm level data.

In conclusion, this approach combines systematic review techniques with (1) a systematic comparative sector framework and (2) double-barrelled evaluation criteria. Combining an empirical approach with a conceptual framework, the paper proposes a strong structure for examining credibility and transparency in impact investing across various settings and instances.

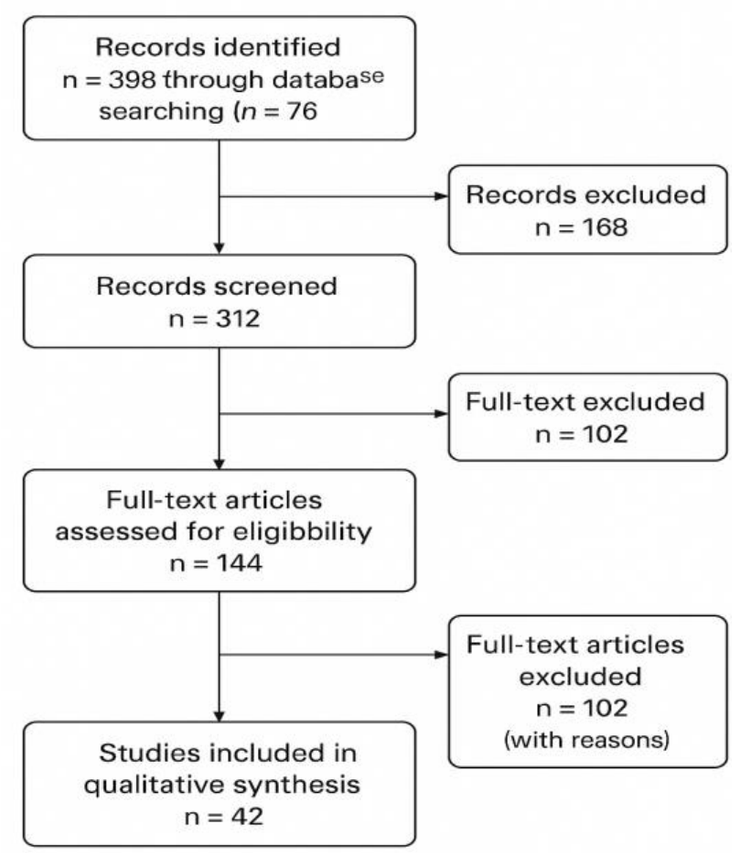

Figure 6. PRISMA Flow Diagram for Systematic Literature Review.

This diagram follows the PRISMA 2020 structure to detail the selection process of literature used in the study. It shows the identification of 398 records, screening of 312, eligibility assessment of 144 full-text articles, and the final inclusion of 42 studies in the qualitative synthesis. The flow ensures methodological transparency and reproducibility in the review process.

4. Discussion

The results of this study illuminate the multi-fold complexity and changing character of impact investing as a financial field and developmental instrument. Through careful distillation of examples from four sectors – education, healthcare, clean energy, and fintech – clear trends in the pursuit, balancing and evaluation of financial and social objectives come to the fore. While seeking both sets of returns is an elemental feature of impact investing, the process of balancing these returns is not one-size-fits-all across sectors, market maturity, investor requirements, policy alignment and measurability of outcomes.

Crucially, one of the main insights from the cross-sectoral comparison is the varying potential for trade-offs and synergies between financial and social results. For example, in the renewable energy space, notably in markets such as the Indian subcontinent, and Kenya, investments can be aligned and also create value, for example through clean power generation both directly yielding revenue (e.g. predictable cash flows within the credit capacity of the relevant counterparty) but also contributing to energy access and climate mitigation (SDG 7/SDQ 13). In contrast, for education-themed funds across Sub-Saharan Africa, generating meaningful social impact—better learning outcomes, gender parity—often demands the trade-offs implicit in concessionary capital or long-term patient capital for smaller financial returns (SDG 4). In these cases, the fit between finance and social objectives is not as clear, requiring novel structuring methods such as blended finance or catalytic capital to resolve the tension between returns and the public interest.

The healthcare industry, especially in Southeast Asia, represents an intermediary example where tech-driven innovations in health have strong social potential and moderate- to-high return prospects while largely being contingent on legislative frameworks and user adoption behaviors (SDG 3). Fintech investments in scale-up solutions for financial inclusion have demonstrated promise in reconciling scale with inclusion results (SDG 1 and SDG 17) but they struggle with data privacy and security, responsible lending, and service provision to the most vulnerable. These findings further support past data to suggest that sector-specific investment strategies and impact metrics are instrumental in driving optimal balance of trade-offs and synergies across the continuum (GIIN, 2023; OECD, 2024).

On the effectiveness of measurement, the authors found that although tools such as IRIS+, SROI and SDG mapping have contributed to aligning and making impact reporting to be more comparable, the missing methodological and implementation gaps remain. IRIS+ provides sector-specific metrics that relate to global frameworks, but it is based on self-reports that are not independently validated. SROI offers a robust valuation approach, but is open to interpretation and can be resource heavy – particularly with non-material or long-term outcomes such as empowerment or behavioural change. SDG alignment provides a common purpose language of impact, but is not detailed enough to manage project level performance. Such tools, while frequently used, tend to be deployed in isolation, and show a high degree of divergence in fund type- and country-specific usage, which hinders the development of an integrated standard for the measurement of impact at global level (Serafeim et al., 2020; Jackson and Harji, 2021).

Table 3. Impact Measurement Tools Comparison Table.

Tool	Scope	Strengths	Limitations	Sector Fit
IRIS+	Standardized metrics	Sector-specific indicators, SDG alignment	Self-reported data, lacks scoring	All sectors
GIIRS	Rating system	External validation, comparative scoring	Costly, less flexible	Funds and firms
SROI	Monetized social value	Stakeholder-driven, intuitive valuation	Subjectivity in financial proxies	Education, healthcare
SDG Alignment	Global benchmarks	Universally recognized framework	Lacks granularity	All sectors
Impact-Weighted Accounts	Financially integrated impact	Integrates impact into financial statements	Still under development, limited adoption	Corporate ESG

The above is the Impact Measurement Tools Comparison Table, which compares key frameworks based on scope, strengths, limitations, and sectoral relevance. This matrix helps investors and practitioners select appropriate tools based on their context and goals.

A further important takeaway is around the scalability and replicability of impact investing models. Industries like clean energy or fintech owe their ample scalability to momentum from technology leverage, regulatory tailwinds and substantial addressable markets. On the other hand, education and healthcare models are more context-specific, many focusing on low-income and/or remote population groups, which require heavy localization and stakeholder engagement, thus losing replicate ability across geographies. However, successful projects show that scalability is determined by more than just financial returns; institutional capacity, ecosystem readiness and policy support all play key roles. Investor motivation Further, both the structure and results of impact investments are strongly influenced by the motivation of investors. Investors including DFIs, philanthropic funds or ESG-focused institutions more aligned with mission are likely more willing to back hybrid and blended models that accept sub-market level returns for high level impact outcomes, while mainstream asset managers may follow a risk-adjusted returns approach, even if that implies less impact: (UNDP, 2021).

The application of these findings to the Sustainable Development Goals (SDGs) is of substance as well as strategy. Impact investment, therefore, has gained recognition as an important model of financing for the SDGs, especially in the field of capital starved areas and impact relevant areas. INDICATOR 1: Empowerment SDG 1: No Poverty and SDG 4: Quality Education Investments targeting SDGs 1 and 4 focus on addressing fundamental developmental gaps, while those in SDG 7: Affordable and Clean Energy and SDG 13: Climate Action contribute to global environmental sustainability. And yet, impact investing naturally captures the essence of SDG 17 (Partnerships for the Goals) because, by requiring a combination of public, private and philanthropic capital providers to unlock new potential paths for inclusive development, it necessitates cross-sector collaboration. But to achieve the transformative power of impact investing, it needs to go beyond project-level, and support system coherence in the way we design, track, and regulate the flow of capital toward the SDGs.

Notwithstanding its encouraging course, impact investing continues to suffer from enduring lacuna in policy harmonization, capital market infrastructure, and regulatory certainty across the emerging and frontier markets. Impotent regulatory frameworks, erratic tax incentives, and the lack of common disclosure standards stymie the growth of impact motivated firms. A further challenge, in the absence of standardized certification or accreditation of impact investments in many jurisdictions, is that the field is susceptible to the possibility of impact-washing (OECD, 2023). These challenges require a more concerted policy response— one that embeds impact investment as part of national development plans, supports public-private financing tools, and requires transparent impact reporting. In addition, international financial institutions need to focus on standardizing regulation and developing market infrastructure at the regional and local levels to enable a robust pipeline of investable impact transactions.

Finally, a synthesis across sectors is concluded, showing that, although impact investing has advanced in generating double returns, its effectiveness depends on the ongoing development of measurement systems, investor alignment, and enabling environments. Now, however, the field needs to move from fragmented practices to institutionalized, evidence-based models that signal the direction and preempt the decline of data-driven and policy-integrated practice – practices that do not just respond to market incentives, but also to development concerns worldwide, in a robust and accountable way.

5. Policy and Practical Implications

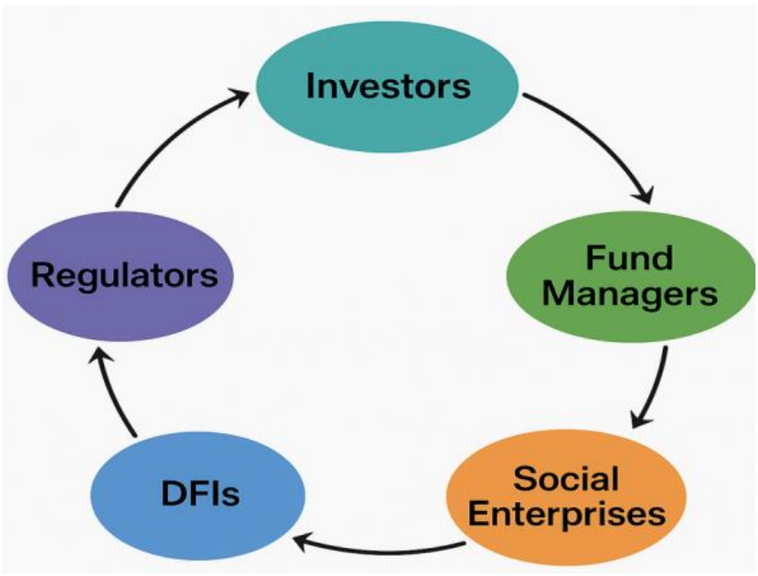

Figure 7. Stakeholder Role Mapping in the Impact Investing Ecosystem.

This circular diagram illustrates the interconnected roles of core actors: investors provide capital; fund managers allocate it strategically; social enterprises implement solutions; DFIs offer risk-mitigation and leverage; and regulators ensure policy alignment and market integrity. The cyclical flow underscores interdependence and the necessity of coordinated collaboration for sustainable and scalable impact outcomes.

Globally increasing focus on sustainable and inclusive development has also placed impact investing at the centre of efforts to align private capital with public objectives. But impact investing cannot reach its full potential unless it is backed by well-articulated policy frameworks, disciplined capital plans, and strong institutional infrastructure. The findings from this study point to various practical as well as policy implications for a range of relevant stakeholders, such as investors, fund managers, policy makers, international development agencies, and social entrepreneurs, as well as to strategic response by the way of interventions for strengthening the process of standardization, scaling up, and risk mitigation across the impact investing landscape.

The answer for investors and fund managers is to double down on intentionality, transparency, and impact integrity. Investment strategies have to formally incorporate dual return objectives, articulate their theory of change, develop explicit social objectives and have strong impact measurement plans. Use IRIS+, GIIRS or SROI as a way investors can submit reports not only reporting but more importantly as a strategic tool to allocate capital, measure and monitor performance, and engage stakeholders. Furthermore, fund managers should focus on sector specialization and contextual intelligence, particularly working at the frontier or in underserved markets where risk and return profiles are fundamentally different from traditional investor offerings. Building up internal capacity around impact due diligence, data analysis, and ESG integration will also be key to staying competitive and credible in a maturing sector.

On the part of policy makers and regulators, an active stance is required to create the enabling environments that will facilitate growth of high-integrity impact capital markets. This would be through creating legal and regulatory structures which recognize impact investing as an asset class, creating impact verification and accreditation systems, and requiring disclosure standards for social and/or environmental performance standards. Tax breaks, public guarantees and co-investment facilities are additional ways to draw in private capital to areas that are of great public benefit but perceived to be high risk — like affordable housing, public health or climate adaptation. Also, impact investing roadmaps need to be integrated in national development plans and are accompanied by multi-stakeholder coordination platforms that connect finance with development and regulation. In developing markets, the greatest impact in crowding in long term capital is likely to be policies that facilitate the creation of local funds, facilitate the return of capital and encourage use of currency risk management instruments.

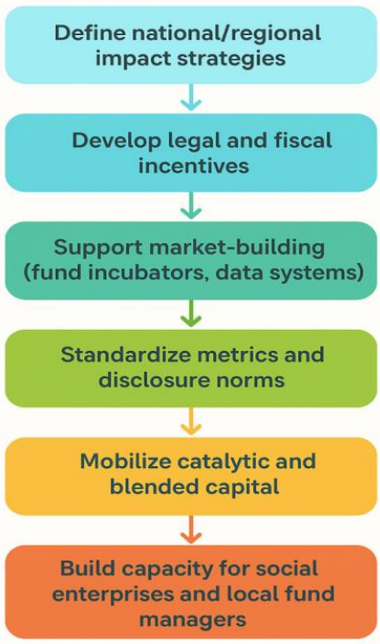

Figure 8. Policy Action Roadmap.

This flowchart outlines a sequenced set of reforms to strengthen the impact investing ecosystem. It begins with defining national or regional strategies, followed by legal and fiscal incentive frameworks. It then emphasizes building market infrastructure, standardizing metrics, mobilizing catalytic capital, and concludes with building local capacity. Together, these steps enable scalable, inclusive, and accountable impact investment environments.

Multi-lateral and government development banks, development finance institutions (DFIs), and philanthropic entities are central to temaxhange in the impact investing ecosystem. In addition to deploying concessional capital, these agencies should also serve as market shapers, developing infrastructure for ecosystems such as impact incubators, rating agencies and data repositories. Even more importantly, they should be doing the hard work of building regional impact investment platforms — coordinated vehicles that pool resources, harmonize metrics, and catalyze cross-border pipeline development. Instruments including the World Bank, UNDP and the OECD can use their convening powers to legitimize and harmonize impact taxonomies and disclosure norms, which will serve to reduce fragmentation and facilitate global comparability. Development agencies also need to invest in developing the capacities of local social enterprises, fund managers and regulators, to ensure that the impact investment agenda is broad and local.

Social enterprises and impact-first innovators need to raise their investment readiness, by evidenced value propositions, impactful pathways and scalable models. Enterprises will need to demonstrate good governance, adopt strong M&E systems, and move toward financial viability that does not come with mission drift to attract blended or commercial capital. Partnerships with funders -- through outcome-based financing models such as development impact bonds (DIBs) or AMCs, among others -- can supply flexible and impact-anchored capital for the exploration of early-stage innovation. Innovators must also seek collaborations with technology suppliers and research institutions, as well as local governments, where contextual solutions can be co-created with measurable and replicable impact.

One lament echoed in every sector and geography is the lack of common standards and shared impact frameworks. What is needed to respond to this is currently an imperative to devise regionally-shaped yet globally coherent standards for impact measurement, assurance and reporting. Organizations addressing harmonization issues are IMP (Impact Management Project), UNDP's SDG Impact Standards, the OECD's working group on impact measurement, to mention few, but are not adopted widely. A policy option would be to create a system of Regional Impact Standards Councils with investors, regulators, corporations and corporations organized in specific regions to match general to particular and maintaining flexibility and creativity. The frameworks need to be based on participatory stakeholder processes and be flexible with market and developmental dynamics.

Finally, the research underscores the importance of blended finance and catalytic capital as critical mechanisms to de-risk investments and catalyze scalable capital flowing into high-impact areas. Blended finance instruments—like first-loss capital, subordinated equity, credit guarantees, and technical assistance grants—need to be used carefully to attract private capital without sacrificing the social mission. Institutions such as the International Finance Corporation (IFC), MacArthur Foundation and African Development Bank have brought in catalytic models that suggest that it is possible to change capital allocation behaviour if we are willing to absorb impact risk. But to scale these, they need to be accompanied with clear standards and performance-based triggers, and transparency around the concessional level to ensure that they are not distorting the market or fostering dependency. Meanwhile, the collective of public and philanthropic actors should continue to prioritize market-building, not direct capital deployment, and make way for local fund managers to step up to the fore.

In summary, the progress of the impact investing industry requires a coherent collective action among the different actors on the ground in order to converge the capital, policy and practice towards common development objectives. Through enabling integrity within institutions, enabling inclusive frameworks for regulation, and de-risking investments with novel funding models, together, external stakeholders can all help accelerate our path towards a financial system that genuinely rewards both profit and purpose.

6. Conclusion

This research has moved a thorough inspection of the impact investing evolution, sectoral applications and financial and social returns frameworks. A key finding is the rising institutionalisation of impact investing, which has evolved from a philanthropic practice to a sophisticated investment strategy among mainstream financial intermediaries. The cross-sector comparison in education, healthcare, renewable energy and fintech demonstrates that whilst there are different levels of return alignment each sector, the deployment of blended finance vehicles, catalytic capital and context-specific impact metrics can go a long way toward managing tradeoffs and fostering synergy between purpose and profit.

A key contribution of this analysis is the sector-wide synthesis and method integration made available to both practitioners and researchers, helping to conceptualize the inter-relationship between capital structures, outcome measurement and risk profiles. Through the use of these measurement tools, in the context of a systematic sectoral approach (i.e they are baseline standards for the sector at large), the paper both extends and contributes in practical terms to our understanding of the ways in which impacts investment can seek to deliver blended value. Additionally, the study underscores the importance of policy coherence, institutional partnership and commitment by investors to transparency and intentionality to successfully scale impact.

What's Next Over the next five years, impact investing will be redefined by the intersection of technology, data, and funding by outcomes. Digital ecosystems, blockchain traceability, AI powered impact adaptation, are new frontiers to advance accuracy, decrease compliancy, drive accountability. The transition to outcomes based financing mechanisms – from pay for success contracts to development impact bonds – will better align the interests of investors with actual progress in human and environmental well-being.

There are several ways in which the study could be extended in future research. These include the potential of artificial intelligence in impact assessment, such as through automated data collection and real-time feedback loops; the development of climate-linked financial products that embed mitigation and adaptation impacts in investment returns; and the long-term monitoring of impact investments to examine their long-term viability, resilience and systemic change. Second, further enquiry into the dynamic between local capital ecosystems and global norms around impact may shed light on how impact investing may be more inclusive, context sensitive, and aligned with community priorities.

In sum, the destiny of impact investing has reached a crossroads. If supported by sound frameworks, creative tools and intersector cooperation, it may transform capital markets into forces for inclusive and sustainable development. But achieving this vision will depend on centering a commitment to rigorous decision making, transparency, and fairness in the distribution of risk and returns.

References

Arvidson, M., Lyon, F., McKay, S., & Moro, D. (2013). Valuing the social? The nature and controversies of measuring social return on investment (SROI). *Voluntary Sector Review, 4*(1), 3–18. https://doi.org/10.1332/204080513X661554

Clark, G. L., & Brennan, A. (2019). The role of stakeholder engagement in responsible investment decision-making. *Journal of Business Ethics, 159*(4), 1083–1104. https://doi.org/10.1007/s10551-017-3774-2

Ebrahim, A., & Rangan, V. K. (2014). What impact? A framework for measuring the scale and scope of social performance. *California Management Review, 56*(3), 118–141. https://doi.org/10.1525/cmr.2014.56.3.118

Emerson, J. (2003). The blended value proposition: Integrating social and financial returns. *California Management Review, 45*(4), 35–51. https://doi.org/10.2307/41166187

Emerson, J. (2022). The blended value proposition: Integrating financial and social returns. *Journal of Sustainable Finance & Investment, 12*(1), 34–49. https://doi.org/10.1080/20430795.2022.2019380

Harji, K., & Jackson, E. T. (2019). Accelerating impact: Exploring best practices, challenges, and innovations in impact investing. *Stanford Social Innovation Review, 17*(4), 42–47.

Harji, K., & Jackson, E. T. (2019). Impact investing 2.0: Strategic approaches to managing and evaluating impact. *Stanford Social Innovation Review*. https://ssir.org/articles/entry/impact_investing_2_0

Hörisch, J., Freeman, R. E., & Schaltegger, S. (2020). Applying stakeholder theory in sustainability management: Links, similarities, dissimilarities, and a conceptual framework. *Organization & Environment, 33*(3), 281–300. https://doi.org/10.1177/1086026618798062

Jackson, E. T., & Harji, K. (2021). Measuring social returns in impact investing: Challenges and innovations. *Development in Practice, 31*(7), 857–872. https://doi.org/10.1080/09614524.2021.1946015

Kölbel, J. F., Heeb, F., Paetzold, F., & Busch, T. (2020). Can sustainable investing save the world? Reviewing the mechanisms of investor impact. *Organization & Environment, 33*(4), 554–574. https://doi.org/10.1177/1086026620919202

Nicholls, A. (2021). Constructing impact: Theorizing the social value of social finance. *Journal of Business Venturing, 36*(6), 106116. https://doi.org/10.1016/j.jbusvent.2020.106116

Page, M. J., McKenzie, J. E., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., ... & Moher, D. (2021). The PRISMA 2020 statement: An updated guideline for reporting systematic reviews. *BMJ, 372*, n71. https://doi.org/10.1136/bmj.n71

Serafeim, G., Zochowski, T., & Downing, J. (2020). Impact-weighted financial accounts: The missing piece for capital markets (HBS Working Paper No. 20-103). *Harvard Business School*. https://www.hbs.edu/impact-weighted-accounts

Sullivan, S., Mensah, P., & de Renzio, P. (2023). Navigating dual returns in impact investing: Sector-specific dynamics. *Journal of Impact Finance, 5*(2), 21–45.

Bugg-Levine, A., & Emerson, J. (2020). *Impact investing: Transforming how we make money while making a difference*. Jossey-Bass.

Clark, C., Emerson, J., & Thornley, B. (2023). *The impact investor: Lessons in leadership and strategy for collaborative capitalism* (2nd ed.). Jossey-Bass.

Freeman, R. E. (1984). *Strategic management: A stakeholder approach*. Pitman.

Maas, K., & Grieco, C. (2017). Social impact measurement in impact investing: A critical review of SROI. In O. M. Lehner (Ed.), *Routledge handbook of social and sustainable finance* (pp. 289–309). Routledge.

Weiss, C. H. (1995). Nothing as practical as good theory: Exploring theory-based evaluation for comprehensive community initiatives. In J. P. Connell et al. (Eds.), *New approaches to evaluating community initiatives* (pp. 65–92). Aspen Institute.

B Lab. (2022). *GIIRS ratings methodology overview*. https://bimpactassessment.net/giirs-funds

European Commission. (2022). *Sustainable Finance Disclosure Regulation (SFDR)*. https://finance.ec.europa.eu/sustainable-finance

GIIN. (2021). *Annual impact investor survey 2021*. Global Impact Investing Network. https://thegiin.org/research/publication/impact-investor-survey-2021

GIIN. (2022). *Annual impact investor survey 2022*. Global Impact Investing Network. https://thegiin.org

GIIN. (2022). *Sizing the impact investing market 2022*. Global Impact Investing Network. https://thegiin.org/research/publication/impact-investing-market-size-2022

GIIN. (2023). *Achieving impact integrity: A call to action*. Global Impact Investing Network. https://thegiin.org/research/publication/impact-integrity-report-2023

GIIN. (2023). *Annual impact investor survey 2023*. Global Impact Investing Network. https://thegiin.org/research
GIIN. (2023). *IRIS+ metrics and guidance*. Global Impact Investing Network. https://iris.thegiin.org
GSG. (2023). *Southeast Asia impact investment landscape report*. Global Steering Group for Impact Investment. https://gsgii.org
GSG. (2023). *The state of impact investment in emerging markets*. Global Steering Group for Impact Investment. https://gsgii.org
ICMA. (2023). *Green bond principles: Impact reporting guidelines*. International Capital Market Association. https://www.icmagroup.org
IRENA. (2023). *Renewable energy and jobs: Annual review 2023*. International Renewable Energy Agency. https://www.irena.org/publications
Klapper, L., Lusardi, A., & Van Oudheusden, P. (2021). *Financial inclusion and resilience in the digital age*. World Bank Group. https://www.worldbank.org
MacArthur Foundation. (2022). *Catalytic capital: Unlocking investment for impact*. https://www.macfound.org/catalytic-capital
Nicholls, J., Lawlor, E., Neitzert, E., & Goodspeed, T. (2019). *A guide to social return on investment* (2nd ed.). Social Value UK. https://socialvalueuk.org/resources/sroi-guide/
OECD. (2023). *Blended finance in action: Case studies and policy insights*. Organisation for Economic Co-operation and Development. https://www.oecd.org
OECD. (2023). *Impact investing and blended finance: Policy trends and tools*. Organisation for Economic Co-operation and Development. https://www.oecd.org
OECD. (2023). *Impact investment and measurement: Building a common framework*. Organisation for Economic Co-operation and Development. https://www.oecd.org/finance/impact-investment-measurement.htm
OECD. (2023). *Measuring the impact of impact investing*. Organisation for Economic Co-operation and Development. https://www.oecd.org/finance/measuring-impact-investing
OECD. (2024). *Blended finance and the green transition: Policy insights*. Organisation for Economic Co-operation and Development. https://www.oecd.org/development
OECD. (2024). *Financing the SDGs: Innovations in impact investing*. Organisation for Economic Co-operation and Development. https://www.oecd.org
OECD. (2024). *The future of impact investing: Policy and market trends*. Organisation for Economic Co-operation and Development. https://www.oecd.org/finance/future-of-impact-investing.htm
UNDP. (2021). *SDG impact standards for private equity funds*. United Nations Development Programme. https://sdgimpact.undp.org
UNESCO. (2022). *Early childhood education: High return, low risk*. United Nations Educational, Scientific and Cultural Organization. https://unesdoc.unesco.org
World Bank. (2021). *Mobilizing private finance for development: Blended finance for impact*. https://documents.worldbank.org/en/publication/documents-reports/documentdetail/567891607914399801
World Bank. (2021). *Mobilizing private finance for health: Blended finance models*. https://www.worldbank.org
World Bank. (2021). *Scaling up outcome-based financing for development impact*. https://www.worldbank.org/en/topic/financialsector
World Bank. (2022). *Blended finance and impact investing in renewable energy* (World Bank Energy Sector Report). https://www.worldbank.org/en/topic/energy/publication