

Beyond Philanthropy: Why True SDG Integration is a Fiduciary Duty, not a PR Move

Andrey Koptioug, Department of Engineering and Sustainable Development, Mid Sweden University, Sweden.

andrei.koptioug@miun.se

The issue about institutional investors' portfolio alignment with the UN's Sustainable Development Goals (SDGs) has, for a very long time, been perceived as the choice between ethical investing and profitability. This paradigm is old-fashioned – and more and more becoming legally indefensible. From Amsterdam to Tokyo, the regulatory authorities have narrowed down the gap from voluntary commitment to legal requirement, while growing empirical evidence shows that portfolios misaligned with the SDGs pose material risks, which have yet to be priced into investments [4]. It is not a matter of whether the alignment must be achieved. It is a matter of how soon [2].

The \$4 Trillion Accountability Gap

The UNCTAD conference has annually estimated the amount of money required to meet the 17 SDGs within developing economies at \$3.5 trillion-\$4.2 trillion per year [1]. Although there has been substantial growth in sustainable investment, where the amount of assets under management for

sustainable investments surpassed \$30 trillion by 2022, the amount of capital mobilized towards achieving SDGs through private sector participation is only a fraction of what is required. The chart below demonstrates the growth in sustainable AUM since 2016, but figure 2 shows the widening gap in financing SDGs.

This divide between headline growth figures and the impact on the economy can be attributed to both definition ("sustainable" is an inconsistent tag attached in different parts of the world) and structure. A significant amount of ESG investments is based on screening or best-of-the-class investments among developed market stocks, which are unlikely to channel additional money into solving energy access, clean water, and healthcare shortages that affect the sub-Saharan African, South Asian, and Latin American markets most acutely.

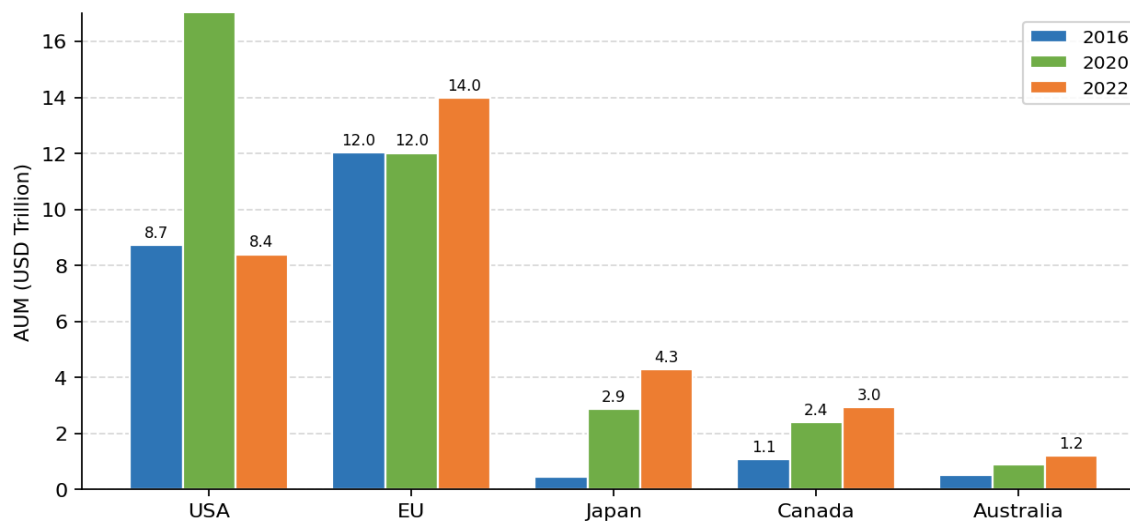


Figure 1: Sustainable investment AUM by region, 2016–2022 (USD trillion). sources: global sustainable investment alliance (GSIA) 2016, 2020; Morningstar 2022

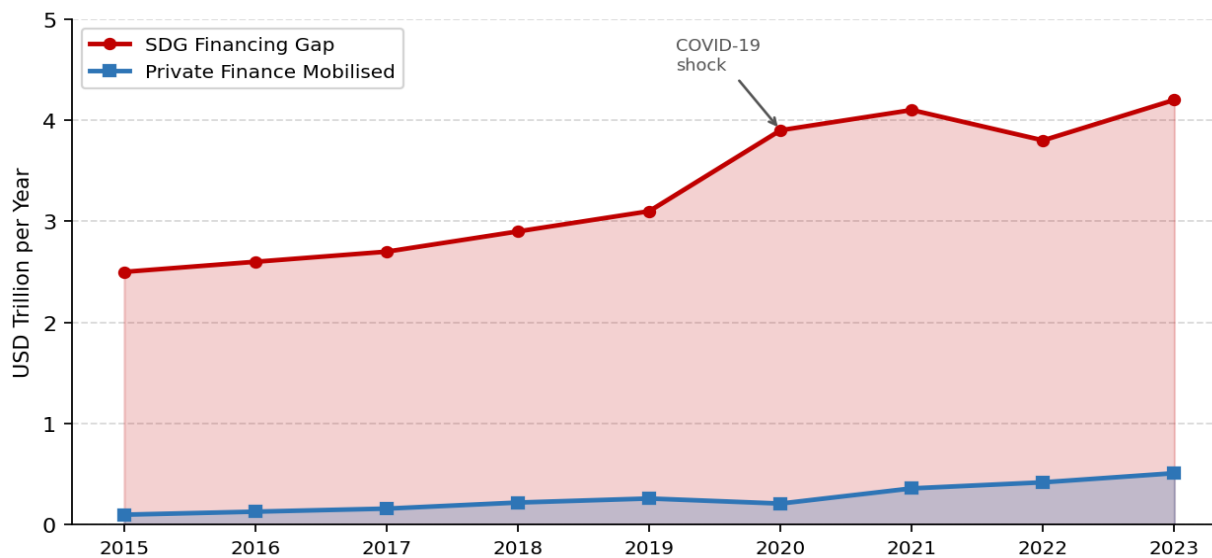


Figure 2: Annual SDG financing gap vs. private capital mobilized, 2015–2023 (USD trillion). Sources: UNCTAD world investment report 2023; OECD private finance for sustainable development 2023

COVID-19 shock in 2020 widened the gap to approximately \$3.9 trillion due to the severe constraint on fiscal room available for use by governments in emerging economies. Although private finance leveraged has improved to about \$0.51 trillion in 2023 [3], the trends illustrate that the addition of ESG principles in the conventional asset class framework is inadequate. There needs to be a fundamental rethink of the portfolio mandate, not just a rebranding.

From Voluntary Principle to Legal Obligation

There's been a major regulatory landscape change since 2020. The Sustainable Finance Disclosure Regulation (SFDR), which is now backed by the Corporate Sustainability Reporting Directive (CSRD), mandates that EU institutional investors disclose not only the impact of sustainability risks on investment returns, but also the impact of investment decisions on people and planet (double materiality). SFDR's principal adverse impact (PAI) principle requires the disclosure of granular, auditable data for companies categorizing funds as Article 9.

The United Kingdom has adopted TCFD-aligned disclosure requirements for large asset managers since 2022, and the Financial Conduct Authority (FCA) has indicated additional disclosure rules linked to SDGs under its Sustainability Disclosure Requirements (SDR) regime. Scope 1 and Scope 2 emissions are required to be disclosed under the Securities and Exchange Commission's (SEC) climate disclosure rule in the

U.S. (adopted in March 2024, but challenged in court), with major downstream implications for institutional shareholders who have made a net-zero commitment.

The Japanese case is especially instructive. The world's largest pension fund, Japan's Government Pension Investment Fund (GPIF), with assets of ¥225 trillion (around \$1.5 trillion), has recently revised its Stewardship Code (2020) and Corporate Governance Code (2021) to explicitly include the consideration of ESG and SDG. GPIF's Chief Investment Officer has made it clear that not considering ESG is "not consistent with fiduciary duty" for a universal owner [4].

There is no mistaking this convergence: SDG-relevant risk management is going from best practice to regulatory expectation in the EU, UK, Japan and now Australia, through APRA's CPG 229 climate guidance. Boards that use SDGs as a communications tool, not a discipline of investing, now have the risk of facing regulatory reprimands, and, in some jurisdictions, personal liability for trustees.

A Framework for Genuine Integration

What separates genuine SDG integration from greenwashing is operationalisation at the portfolio level. Figure 3 presents a four-layer architecture through which institutional investors can translate fiduciary intent into measurable action.

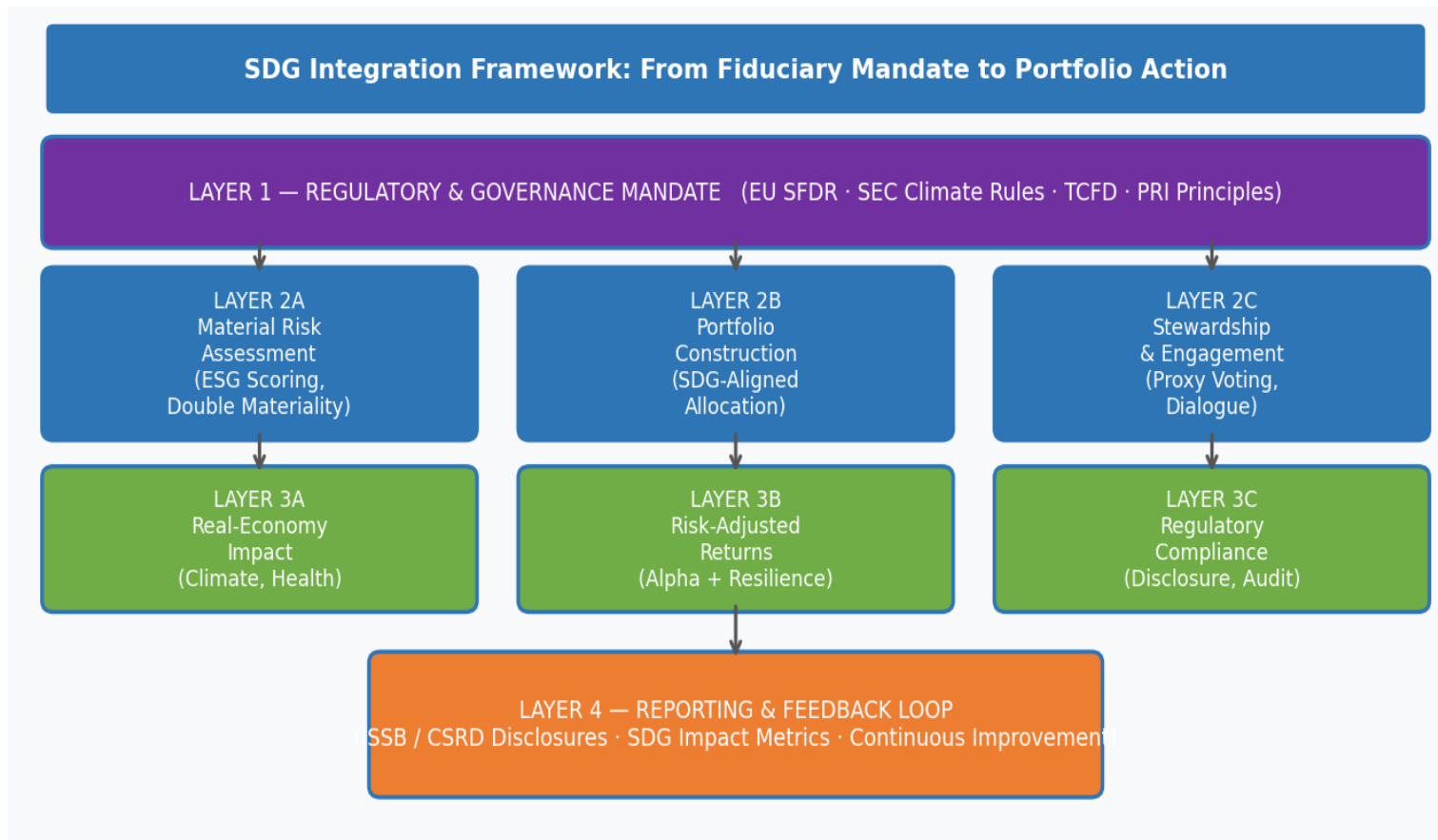


Figure 3: SDG integration architecture for institutional investors. Layers move from regulatory mandate through strategy and impact to reporting feedback

The framework starts at the edges of inaction (SFDR, TCFD, PRI Principles, SEC climate rules). These demands are transformed into three investment strands: material risk assessment, double-materiality and ESG scoring methods; SDG oriented portfolio building at asset allocation level; and active stewardship through proxy voting and corporate dialogue. The findings of these disciplines — the impact on the real economy,

risk-adjusted returns, and compliance with regulatory requirements are part of a continuous reporting cycle controlled by the ISSB and CSRD disclosure frameworks.

The key point is that Layers 2 and 3 are not compromises. A growing body of empirical literature supports the proposition that SDG-aligned portfolios exhibit superior long-run risk-adjusted performance. In fact, Khan, Serafeim & Yoon

(2016) found that companies with material issues on their agenda outperform their peers by about 4.8% per year, whereas those with immaterial issues do not show an outperformance premium: materiality-driven integration is the source of alpha, while indiscriminate ESG integration is not [2].

This is further supported by the country-level case studies. Since 2019, the ATP pension fund (DKK 900 billion AUM) has integrated SDG contribution metrics into the strategic asset allocation process, and linked mandates to SDGs 7 (Affordable and clean energy) and 13 (Climate action) impact (Figure 1). As of March 2024, the CPP Investments had CAD 632 billion of assets under management, and has taken a systemic approach to assessing climate transition risk at the total portfolio level, explicitly stating that long investment time horizons justify the use of climate systemic risk as a financial risk, rather than a charitable issue. The Australia's Future Fund (AUD 224 billion) has created a whole-of-portfolio climate scenario analysis that incorporates 1.5°C and 3°C scenarios into its long-term asset allocation strategies, following TCFD recommendations.

The Cost of Inaction

It is not only the fiduciary case for SDG integration that is about capturing opportunity. It's also a pricing risk which markets are wrongly valuing. The scenario analysis by the Network for Greening the Financial System (NGFS) a coalition

of 130 central banks and supervisors indicates that financial asset values could face similar losses due to a failure to achieve SDG 13, with global GDP projected to fall by 10–23% by 2100 under a "hot house world" scenario [5].

These are not tail risks that can be put on a watchlist for sovereigns or pension funds with liabilities out as far as 2050. They represent a core exposure in the balance sheet of the bank. Trustees who still refuse to integrate SDGs – for pressure of short-term return, or governance issues – could end up in having violated their duty of prudence, not because they have ignored the SDGs, but because they have not.

The investment institution is at a turning point. The time when sustainable finance will be a values-based overlay (charitable and optional) is over. Instead, a more rugged truth is taking shape: SDG integration is not only a risk management need but also a regulatory requirement. For boards who have yet to integrate SDG-aligned investment disciplines into their governance frameworks, 2025 and 2026 should not be a time for further discussion, but the last chance to do so within a voluntary framework before the compliance timelines cut it out.

References

1. United Nations Conference on Trade and Development. (2023). *World investment report 2023: Investing in sustainable energy for all*. United Nations Conference on Trade and Development. <https://unctad.org/wir2023>
2. Khan, M., George Serafeim, & Aaron Yoon. (2016). Corporate sustainability: First evidence on materiality. *The Accounting Review*, 91(6), 1697–1724. <https://doi.org/10.2308/accr-51383>
3. Dong, Z., & Arshad, R. (2026). Transforming Resource Efficiency for Sustainable Development: The Synergy of Governance, Finance, Education, and Green Growth Across G20 Nations. *Sustainable Development*. <https://doi.org/10.1002/sd.70903>
4. Otchere, I., Abdulrahman, A., & Wang, J. (2025). Environmental, social, and governance investing and sustainability of pension funds: Evidence from the organisation for economic cooperation and development countries. *Economic Modelling*, 143, 106948. <https://doi.org/10.1016/j.econmod.2024.106948>
5. Aiello, M. A., Angelico, C., Cova, P., & Michelangelo, V. (2024). Climate-related risks for Italy: an analysis based on the latest NGFS scenarios. *Bank of Italy Occasional Paper*, (847). <http://dx.doi.org/10.2139/ssrn.4849971>