

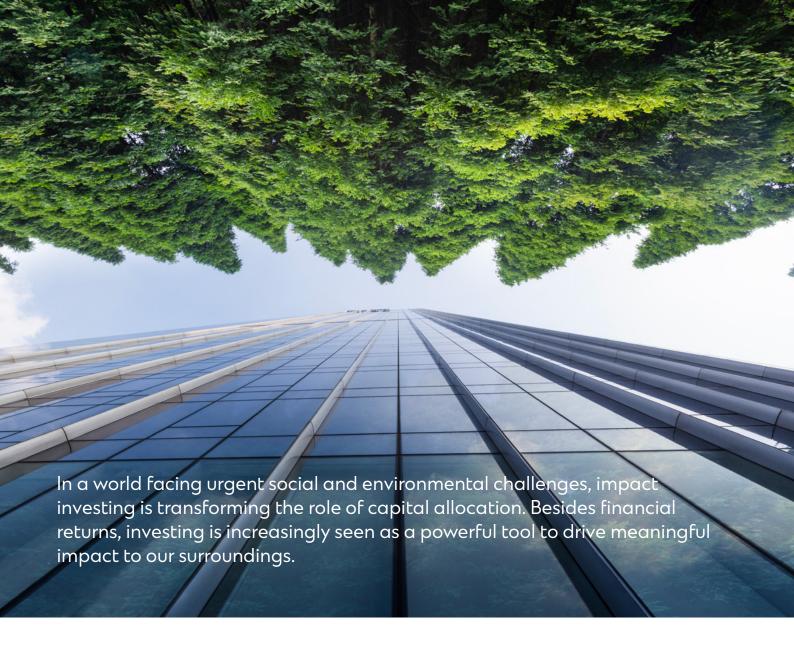
InvesTips

## Impact investing

Profit with purpose

June 2025





## What is impact investing?

Impact investments are designed to generate measurable social and environmental benefits alongside financial returns. These investments span across both emerging and developed markets, with a wide range of financial returns, depending on the nature of the impact investments.

As the impact investing market expands, it channels capital toward solving global environmental and social challenges, including sustainable agriculture, renewable energy, environmental conservation, microfinance, and essential services such as housing, healthcare, and education. By aligning financial growth with the ability to drive meaningful change, impact investing can transform capital into a force for sustainable progress.

"We make a living by what we get, but we make a life by what we give."

- Winston Churchill

### **Steve Brice**

Global Chief Investment Officer

### Trang Nguyen

Senior Portfolio Manager, Multi-Asset

### Why does impact investing matter?

Impact investing redefines the traditional boundaries between philanthropy and financial markets, illustrating that capital can be a powerful catalyst for both economic returns and societal good. This approach challenges the outdated notion that social and environmental issues should be addressed solely through charitable donations or government aid, while investments focus exclusively on profits.

The impact investing landscape has experienced remarkable growth, reflecting its increasing appeal among diverse investors. As of 2024, the Global Impact Investing Network (GIIN) reports that over 3,900 organizations manage approximately \$1.57 trillion in impact investing assets worldwide, marking a 21% compound annual growth rate since 2019.

This burgeoning market offers a wide array of opportunities for investors to align their financial objectives with meaningful social and environmental outcomes:

### **Financial institution**

Banks, pension funds, financial advisors, and wealth managers can provide clients – both individuals and institutions – with investment options that support environmental and social development such as renewable energy, affordable housing, and accessible healthcare.

### Institutional investors and family foundations

Entities like the Bill & Melinda Gates Foundation exemplify how substantial assets can be leveraged to advance core social and environmental values while maintaining or growing their endowments.

### Government investors and development finance institutions

Organizations such as the Overseas Private Investment Corporation (OPIC) have committed significant resources to impact investing, providing proof of financial viability for private-sector investors while targeting specific social and environmental goals.



>3,900

organizations



~\$1.57 tn

impact investing assets worldwide



21%

compound annual growth rate since 2019

### What are the core characteristics of impact investing?

Impact investing is distinguished by four fundamental characteristics that promote both financial returns and measurable social or environmental benefits:

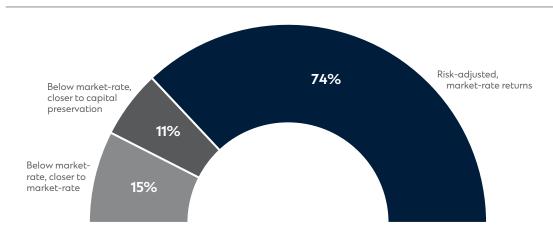
### Intentionality

Impact investing is driven by a clear purpose: investors actively seek to generate positive social or/and environmental outcomes through their investments. Unlike traditional investing, where impact may be incidental, impact investors deliberately allocate capital to address critical global challenges such as climate change, poverty alleviation, and healthcare access.

### Range of return expectations and asset classes

Impact investments span a broad spectrum of financial returns, from below-market (concessionary) to risk-adjusted market rates, depending on investor goals. These investments are made across diverse asset classes, including cash equivalents, fixed income, venture capital, and private equity. According to the Global Impact Investing Network (GIIN), over 70% of impact investors pursue market-rate returns, demonstrating that financial success and positive impact are not mutually exclusive.

Fig. 1 Target financial returns



Source: Global Impact Investing Network (GIIN), 2024.

### Investment with return expectations

Unlike philanthropy, impact investments can be structured to generate financial returns—either at or above market rate or, at minimum, a return of capital. This ensures the sustainability and scalability of impact-driven enterprises. Data from the Cambridge Associates Impact Investing Benchmark indicates that private equity and venture capital impact funds have delivered competitive returns comparable to traditional investment benchmarks.

### Impact measurement and management

A defining feature of impact investing is the rigorous measurement and reporting of social and environmental performance. Investors commit to transparency and accountability, using standardized metrics such as IRIS+ (Impact Reporting and Investment Standards) or frameworks like the UN Sustainable Development Goals (SDGs). Effective impact measurement not only validates the success of investments but also helps refine strategies for maximizing future impact.

### Is impact investing the same as ESG (Environmental, Social & Governance) investing?

No, it is not. Impact investing proactively drives change, while ESG investing integrates ESG considerations into the investment process to enhance risk-adjusted returns.









### What are the most common impact investing strategies?

The effectiveness of impact investing lies in strategically deploying capital to generate measurable social and environmental benefits alongside financial returns. While numerous strategies exist, a few stand out as the most widely used and effective in achieving sustainable impact.

### Investing in high-impact sectors

Energy, financials and healthcare

Investing in high impact sectors involves directing capital into sectors aligned with long-term sustainability megatrends, such as clean energy, financial inclusion, and healthcare. This approach has seen explosive growth, with sustainable fund assets reaching \$3.1 trillion by 2023 (Morningstar). Investors target themes that align with the UN Sustainable Development Goals (SDGs), such as affordable clean energy (SDG 7) and quality education (SDG 4). According to TIIN, the largest proportion of impact AUM is allocated to energy (21%), followed by housing (14%) and financial services including micro finance (14%). As demand for sustainability-driven investments rises, investing into high impact sectors may offer investors long-term growth potential.

Fig. 2
Asset allocations by sector

Proportion of AUM	VS	Proportion of investors
21%	Energy	50%
14%	Housing	34%
14%	Financial services, including microfinance	53%
12%	Healthcare	54%
5%	Food & agriculture	53%
5%	Education	45%
4%	Information & communication technologies	33%
4%	Infrastructure	32%
3%	Manufacturing	27%
1%	Forestry & timber	15%
1%	Water, sanitation & hygience	26%
15%	Other	46%

Note: The percentage of respondents allocating at least some impact AUM to each sector is shown, compared with the proportion of impact AUM allocated to the sector. Respondents may allocate to multiple sectors. This figure excludes five outlier organizations and six organizations that did not provide allocations data. "Other" sectors include investments relating to climate change, the circular economy and real estate.

Source: Global Impact Investing Network (GIIN), 2024.



### Impact-first investing

Prioritizing social outcomes over immediate profits

Impact-first investing, often referred to as venture philanthropy, prioritizes social outcome over financial returns. This approach has been crucial in financing early-stage social enterprises tackling poverty, healthcare, and education gaps. Organizations like Acumen, which has deployed over \$146 million into impact-driven businesses, exemplify this model. Meanwhile, blended finance – where philanthropic capital de-risks investments to attract commercial investors – is helping scale these initiatives. The GIIN reports that more than 40% of impact investors now employ concessionary capital strategies, signalling a shift toward prioritizing social good over immediate profits.

### Green, Social and Sustainable (GSS) bonds

Financing scalable impact solutions

The explosion of GSS bonds is transforming impact investing, providing scalable financing for projects ranging from affordable housing to renewable energy. In 2023 alone, green bond issuances surpassed \$500 billion, marking a historic milestone (Climate Bonds Initiative). Social Impact Bonds (SIBs), or "pay-for-success" models, are also gaining traction – where investors earn returns only if predefined social outcomes are met. The UK's Peterborough Social Impact Bond, for example, successfully reduced prisoner reoffending rates by 9%, proving that private capital can drive measurable public sector improvements. With institutional investors increasingly allocating funds toward these form of impact bonds, this trend is expected to further accelerate.

Other ESG investing approaches which complements Impact Investing

### **ESG** integration

Driving long-term value through responsible investing

Environmental, Social, and Governance (ESG) integration has become a cornerstone of institutional investing, with over \$35 trillion in ESG assets under management globally (GSIA, 2023). By embedding ESG criteria into financial analysis of impact investments, investors mitigate risks associated with regulatory changes, climate impact, and corporate governance failures. A Harvard Business Review study found that companies that can better manage their ESG risks experience lower volatility and outperform peers over the long term.

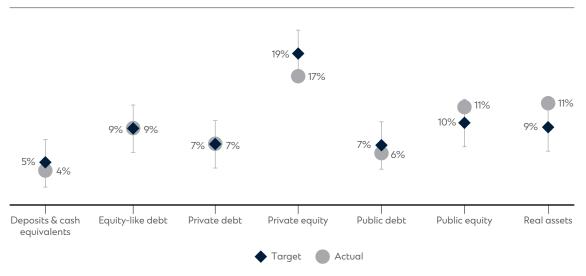
### How have impact investments performed?

Many assume that seeking sustainability outcomes in investments will inevitably lead to lower financial returns due to added complexities and resource demands. However, evidence suggests that impact investing can be both financially viable and strategically beneficial.

According to the Global Impact Investing Network (GIIN), private equity led with 17% average returns (12% median), driven by market-rate investors at 19%, while below-market investors saw 8%—both missing their targets of 21% and 10%, respectively. Deposits and public debt underperformed, while equity-like debt and private debt met expectations. Notably, real assets (+2%) and public equity (+1%) exceeded projections, demonstrating that impact-driven investments can be competitive.

Beyond financial performance, integrating impact priorities enhances market insight, risk management, and long-term resilience. By aligning capital with sustainable and socially responsible initiatives, investors can gain deeper industry knowledge, anticipate emerging risks, and position themselves for enduring success in an evolving global economy.

Fig. 3 Target and realized gross financial returns



Note: Error bars show the 10th to 90th percentile. Returns show actual realized returns for each asset class over a three-year-period.

Source: Global Impact Investing Network (GIIN), 2024.

# What are the key trends representing the future of impact investing?

Over the next three to five years, investors will need to navigate impact investing landscape shaped by new regulations, evolving market demands, and innovative financial structures. From biodiversity conservation to climate tech, these emerging trends will define the future of sustainable finance.



### The rise of natural capital and biodiversity investing

With the biodiversity market projected to reach \$93 billion by 2030 (World Economic Forum), investors are increasingly drawn to nature-based solutions such as reforestation, regenerative agriculture, and carbon offset markets. Major asset managers are already launching biodiversity-focused funds, responding to the trend driven by mounting regulatory pressures and corporate sustainability commitments. As companies seek to mitigate environmental risks, nature-positive investments are poised to become mainstream.



### Social and affordable housing investments

Over 1.6 billion people worldwide lack adequate housing (UN-Habitat), pushing governments and private investors toward scalable solutions. Green-certified, low-income housing developments are emerging as a key focus, particularly through public-private partnerships (PPPs). Institutional players are allocating billions toward affordable housing projects, recognizing both the social imperative and the long-term financial potential of this sector.



### The growing role of blended finance in de-risking emerging market investments

Despite the \$2.5 trillion annual SDG funding gap (World Bank), institutional investors remain cautious due to perceived risks in emerging markets, such as currency volatility and political instability. To bridge this gap, development finance institutions (DFIs) and philanthropic organizations, including the International Finance Corporation (IFC) and the Bill & Melinda Gates Foundation, are increasingly structuring deals that combine concessional capital, government grants, and private investments. These financial models not only lower risk but also unlock capital for high-impact sectors like healthcare, renewable energy, and infrastructure in under-invested regions.





### More sophisticated impact measurement and ESG reporting

As regulatory frameworks such as the EU Sustainable Finance Disclosure Regulation (SFDR) and SEC ESG disclosure rules take effect, investors are demanding greater transparency and standardized impact data. This shift is driving the adoption of Al-powered ESG analytics and blockchain-based impact tracking tools, which promise real-time monitoring and accountability. Firms like MSCI and Sustainalytics are leading this movement, helping investors navigate the growing demand for verifiable impact reporting.



### Climate-tech and transition investing

According to PwC, climate-tech and transition investments are set to dominate the impact investing space, with the market expected to exceed \$1.5 trillion by 2030. As governments push for net-zero emissions, investors are pouring capital into next-generation solutions, including hydrogen energy, carbon capture, usage & storage (CCUS) technologies, and battery storage innovations. Brookfield's \$24.8 billion Global Transition Fund is a prime example of the scale at which investors are backing climate solutions, recognizing that clean energy is not just an environmental necessity but also a lucrative long-term bet.

### Conclusion

Impact investing is poised to play a pivotal role in the next decade, reshaping the way capital drives meaningful impact to our surroundings.

As global challenges demand urgent attention, investors increasingly recognize that financial returns and positive sustainability outcomes are not mutually exclusive. With key characteristics like intentionality, measurable outcomes, and a range of return expectations to suit clients' investment profiles, impact investing offers unique opportunities to drive growth and purpose. The next decade will witness an acceleration of impact investments that not only achieve financial performance but also advance solutions to pressing global issues. Impact investing is not just a trend – it is the future of sustainable, purpose-driven finance. The time to engage is now.



### **Disclosures**

This document is confidential and may also be privileged. If you are not the intended recipient, please destroy all copies and notify the sender immediately. This document is being distributed for general information only and is subject to the relevant disclaimers available at our Standard Chartered website under Regulatory disclosures. It is not and does not constitute research material, independent research, an offer, recommendation or solicitation to enter into any transaction or adopt any hedging, trading or investment strategy, in relation to any securities or other financial instruments. This document is for general evaluation only. It does not take into account the specific investment objectives, financial situation or particular needs of any particular person or class of persons and it has not been prepared for any particular person or class of persons. You should not rely on any contents of this document in making any investment decisions. Before making any investment, you should carefully read the relevant offering documents and seek independent legal, tax and regulatory advice. In particular, we recommend you to seek advice regarding the suitability of the investment product, taking into account your specific investment objectives, financial situation or particular needs, before you make a commitment to purchase the investment product. Opinions, projections and estimates are solely those of SC at the date of this document and subject to change without notice. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. The value of investments, and the income from them, can go down as well as up, and you may not recover the amount of your original investment. You are not certain to make a profit and may lose money. Any forecast contained herein as to likely future movements in rates or prices or likely future events or occurrences constitutes an opinion only and is not indicative of actual future movements in rates or prices or actual future events or occurrences (as the case may be). This document must not be forwarded or otherwise made available to any other person without the express written consent of the Standard Chartered Group (as defined below). Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered PLC. the ultimate parent company of Standard Chartered Bank, together with its subsidiaries and affiliates (including each branch or representative office), form the Standard Chartered Group. Standard Chartered Private Bank is the private banking division of Standard Chartered. Private banking activities may be carried out internationally by different legal entities and affiliates within the Standard Chartered Group (each an "SC Group Entity") according to local regulatory requirements. Not all products and services are provided by all branches, subsidiaries and affiliates within the Standard Chartered Group. Some of the SC Group Entities only act as representatives of Standard Chartered Private Bank and may not be able to offer products and services or offer advice to clients.

Copyright © 2025, Accounting Research & Analytics, LLC d/b/a CFRA (and its affiliates, as applicable). Reproduction of content provided by CFRA in any form is prohibited except with the prior written permission of CFRA. CFRA content is not investment advice and a reference to or observation concerning a security or investment provided in the CFRA SERVICES is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. The CFRA content contains opinions of CFRA based upon publicly-available information that CFRA believes to be reliable and the opinions are subject to change without notice. This analysis has not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body. While CFRA exercised due care in compiling this analysis, CFRA, ITS THIRD-PARTY SUPPLIERS, AND ALL RELATED ENTITIES SPECIFICALLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, to the full extent permitted by law, regarding the accuracy, completeness, or usefulness of this information and assumes no liability with respect to the consequences of relying on this information for investment or other purposes. No content provided by CFRA (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of CFRA, and such content shall not be used for any unlawful or unauthorized purposes. CFRA and any third-party providers, as well as their directors, officers, shareholders, employees or agents do not guarantee the accuracy, completeness, timeliness or availability of such content. In no event shall CFRA, its affiliates, or their third-party suppliers be liable for any direct, indirect, special, or consequential damages, costs, expenses, legal fees, or losses (including lost income or lost profit and opportunity costs) in connection with a subscriber's, subscriber's customer's, or other's use of CFRA's content.

### Market Abuse Regulation (MAR) Disclaimer

Banking activities may be carried out internationally by different branches, subsidiaries and affiliates within the Standard Chartered Group according to local regulatory requirements. Opinions may contain outright "buy", "sell", "hold" or other opinions. The time horizon of this opinion is dependent on prevailing market conditions and there is no planned frequency for updates to the opinion. This opinion is not independent of Standard Chartered Group's trading strategies or positions. Standard Chartered Group and/or its affiliates or its respective officers, directors, employee benefit programmes or employees, including persons involved in the preparation or issuance of this document may at any time, to the extent permitted by applicable law and/or regulation, be long or short any securities or financial instruments referred to in this document or have material interest in any such securities or related investments. Therefore, it is possible, and you should assume, that Standard Chartered Group has a material interest in one or more of the financial instruments mentioned

herein. Please refer to our Standard Chartered website under Regulatory disclosures for more detailed disclosures, including past opinions/ recommendations in the last 12 months and conflict of interests, as well as disclaimers. A covering strategist may have a financial interest in the debt or equity securities of this company/issuer. All covering strategist are licensed to provide investment recommendations under Monetary Authority of Singapore or Hong Kong Monetary Authority. This document must not be forwarded or otherwise made available to any other person without the express written consent of Standard Chartered Group.

### Sustainable Investments

Any ESG data used or referred to has been provided by Morningstar, Sustainalytics, MSCI or Bloomberg. Refer to 1) Morningstar website under Sustainable Investing, 2) Sustainalytics website under ESG Risk Ratings, 3) MCSI website under ESG Business Involvement Screening Research and 4) Bloomberg green, social & sustainability bonds guide for more information. The ESG data is as at the date of publication based on data provided, is for informational purpose only and is not warranted to be complete, timely, accurate or suitable for a particular purpose, and it may be subject to change. Sustainable Investments (SI): This refers to funds that have been classified as 'ESG Intentional Investments - Overall' by Morningstar. SI funds have explicitly stated in their prospectus and regulatory filings that they either incorporate ESG factors into the investment process or have a thematic focus on the environment, gender diversity, low carbon, renewable energy, water or community development. For equity, it refers to shares/stocks issued by companies with Sustainalytics ESG Risk Rating of Low/Negligible. For bonds, it refers to debt instruments issued by issuers with Sustainalytics ESG Risk Rating of Low/Negligible, and/or those being certified green, social, sustainable bonds by Bloomberg. For structured products, it refers to products that are issued by any issuer who has a Sustainable Finance framework that aligns with Standard Chartered's Green and Sustainable Product Framework, with underlying assets that are part of the Sustainable Investment universe or separately approved by Standard Chartered's Sustainable Finance Governance Committee. Sustainalytics ESG risk ratings shown are factual and are not an indicator that the product is classified or marketed as "green", "sustainable" or similar under any particular classification system or framework.

### Country/Market Specific Disclosures

Bahrain: This document is being distributed in Bahrain by Standard Chartered Bank, Bahrain Branch, having its address at P.O. 29, Manama, Kingdom of Bahrain, is a branch of Standard Chartered Bank and is licensed by the Central Bank of Bahrain as a conventional retail bank. Botswana: This document is being distributed in Botswana by, and is attributable to, Standard Chartered Bank Botswana Limited which is a financial institution licensed under the Section 6 of the Banking Act CAP 46.04 and is listed in the Botswana Stock Exchange. **Brunei Darussalam:** This document is being distributed in Brunei Darussalam by, and is attributable to, Standard Chartered Bank (Brunei Branch) | Registration Number RFC/61 and Standard Chartered Securities (B) Sdn Bhd | Registration Number RC20001003. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. Standard Chartered Securities (B) Sdn Bhd is a limited liability company registered with the Registry of Companies with Registration Number RC20001003 and licensed by Brunei Darussalam Central Bank as a Capital Markets Service License Holder with License Number BDCB/R/CMU/S3-CL and it is authorised to conduct Islamic investment business through an Islamic window. China Mainland: This document is being distributed in China by, and is attributable to, Standard Chartered Bank (China) Limited which is mainly regulated by National Financial Regulatory Administration (NFRA), State Administration of Foreign Exchange (SAFE), and People's Bank of China (PBOC). Hong Kong: In Hong Kong, this document, except for any portion advising on or facilitating any decision on futures contracts trading, is distributed by Standard Chartered Bank (Hong Kong) Limited ("SCBHK"), a subsidiary of Standard Chartered PLC. SCBHK has its registered address at 32/F, Standard Chartered Bank Building, 4-4A Des Voeux Road Central, Hong Kong and is regulated by the Hong Kong Monetary Authority and registered with the Securities and Futures Commission ("SFC") to carry on Type 1 (dealing in securities), Type 4 (advising on securities), Type 6 (advising on corporate finance) and Type 9 (asset management) regulated activity under the Securities and Futures Ordinance (Cap. 571) ("SFO") (CE No. AJI614). The contents of this document have not been reviewed by any regulatory authority in Hong Kong and you are advised to exercise caution in relation to any offer set out herein. If you are in doubt about any of the contents of this document, you should obtain independent professional advice. Any product named herein may not be offered or sold in Hong Kong by means of any document at any time other than to "professional investors" as defined in the SFO and any rules made under that ordinance. In addition, this document may not be issued or possessed for the purposes of issue, whether in Hong Kong or elsewhere, and any interests may not be disposed of, to any person unless such person is outside Hong Kong or is a "professional investor" as defined in the SFO and any rules made under that ordinance, or as otherwise may be permitted by that ordinance. In Hong Kong, Standard Chartered Private Bank is the private banking division of SCBHK, a subsidiary of Standard Chartered PLC. Ghana: Standard Chartered Bank Ghana Limited accepts no liability and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please send an email to feedback. ghana @ sc. com. Please do not reply to this email. Call our Priority Banking on 0302610750 for any questions or service queries. You are advised not to send any confidential and/ or important information to Standard Chartered via e-mail, as Standard Chartered makes no representations or warranties

as to the security or accuracy of any information transmitted via e-mail. Standard Chartered shall not be responsible for any loss or damage suffered by you arising from your decision to use e-mail to communicate with the Bank. India: This document is being distributed in India by Standard Chartered in its capacity as a distributor of mutual funds and referrer of any other third party financial products. Standard Chartered does not offer any 'Investment Advice' as defined in the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013 or otherwise. Services/products related securities business offered by Standard Charted are not intended for any person, who is a resident of any jurisdiction, the laws of which imposes prohibition on soliciting the securities business in that jurisdiction without going through the registration requirements and/ or prohibit the use of any information contained in this document. Indonesia: This document is being distributed in Indonesia by Standard Chartered Bank, Indonesia branch, which is a financial institution licensed and supervised by Otoritas Jasa Keuangan (Financial Service Authority) and Bank Indonesia. Jersey: In Jersey, Standard Chartered Private Bank is the Registered Business Name of the Jersey Branch of Standard Chartered Bank. The Jersey Branch of Standard Chartered Bank is regulated by the Jersey Financial Services Commission. Copies of the latest audited accounts of Standard Chartered Bank are available from its principal place of business in Jersey: PO Box 80, 15 Castle Street, St Helier, Jersey JE4 8PT. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter in 1853 Reference Number ZC 18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. The Jersey Branch of Standard Chartered Bank is also an authorised financial services provider under license number 44946 issued by the Financial Sector Conduct Authority of the Republic of South Africa. Jersey is not part of the United Kingdom and all business transacted with Standard Chartered Bank, Jersey Branch and other SC Group Entity outside of the United Kingdom, are not subject to some or any of the investor protection and compensation schemes available under United Kingdom law. Kenya: This document is being distributed in Kenya by and is attributable to Standard Chartered Bank Kenya Limited. Investment Products and Services are distributed by Standard Chartered Investment Services Limited, a wholly owned subsidiary of Standard Chartered Bank Kenya Limited that is licensed by the Capital Markets Authority in Kenya, as a Fund Manager. Standard Chartered Bank Kenya Limited is regulated by the Central Bank of Kenya. Malaysia: This document is being distributed in Malaysia by Standard Chartered Bank Malaysia Berhad ("SCBMB"). Recipients in Malaysia should contact SCBMB in relation to any matters arising from, or in connection with, this document. This document has not been reviewed by the Securities Commission Malaysia. The product lodgement, registration, submission or approval by the Securities Commission of Malaysia does not amount to nor indicate recommendation or endorsement of the product, service or promotional activity. Investment products are not deposits and are not obligations of, not guaranteed by, and not protected by SCBMB or any of the affiliates or subsidiaries, or by Perbadanan Insurans Deposit Malaysia, any government or insurance agency. Investment products are subject to investment risks, including the possible loss of the principal amount invested. SCBMB expressly disclaim any liability and responsibility for any loss arising directly or indirectly (including special, incidental or consequential loss or damage) arising from the financial losses of the Investment Products due to market condition. **Nigeria:** This document is being distributed in Nigeria by Standard Chartered Bank Nigeria Limited (SCB Nigeria), a bank duly licensed and regulated by the Central Bank of Nigeria. SCB Nigeria accepts no liability for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please send an email to <u>clientcare . ng @ sc . com</u> requesting to be removed from our mailing list. Please do not reply to this email. Call our Priority Banking on 02 012772514 for any questions or service queries. SCB Nigeria shall not be responsible for any loss or damage arising from your decision to send confidential and/or important information to Standard Chartered via e-mail. SCB Nigeria makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. Pakistan: This document is being distributed in Pakistan by, and attributable to Standard Chartered Bank (Pakistan) Limited having its registered office at PO Box 5556, I.I Chundrigar Road Karachi, which is a banking company registered with State Bank of Pakistan under Banking Companies Ordinance 1962 and is also having licensed issued by Securities & Exchange Commission of Pakistan for Security Advisors. Standard Chartered Bank (Pakistan) Limited acts as a distributor of mutual funds and referrer of other third-party financial products. **Singapore:** This document is being distributed in Singapore by, and is attributable to, Standard Chartered Bank (Singapore) Limited (Registration No. 201224747C/GST Group Registration No. MR-8500053-0, "SCBSL"). Recipients in Singapore should contact SCBSL in relation to any matters arising from, or in connection with, this document. SCBSL is an indirect wholly owned subsidiary of Standard Chartered Bank and is licensed to conduct banking business in Singapore under the Singapore Banking Act, 1970. Standard Chartered Private Bank is the private banking division of SCBSL. IN RELATION TO ANY SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT REFERRED TO IN THIS DOCUMENT, THIS DOCUMENT, TOGETHER WITH THE ISSUER DOCUMENTATION, SHALL BE DEEMED AN INFORMATION MEMORANDUM (AS DEFINED IN SECTION 275 OF THE SECURITIES AND FUTURES ACT, 2001 ("SFA")). THIS DOCUMENT IS INTENDED FOR DISTRIBUTION TO ACCREDITED INVESTORS, AS DEFINED IN SECTION 4A(1)(a) OF THE SFA, OR ON THE BASIS THAT THE SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT MAY ONLY BE ACQUIRED AT A CONSIDERATION OF NOT LESS THAN \$\$200,000 (OR ITS EQUIVALENT IN A FOREIGN CURRENCY) FOR EACH TRANSACTION. Further, in relation to any security or securities-based derivatives contract, neither this document nor the Issuer Documentation has been registered as a prospectus with the Monetary Authority of Singapore under the SFA. Accordingly, this document and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the product may not be circulated or distributed,

nor may the product be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons other than a relevant person pursuant to section 275(1) of the SFA, or any person pursuant to section 275(1A) of the SFA, and in accordance with the conditions specified in section 275 of the SFA, or pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In relation to any collective investment schemes referred to in this document, this document is for general information purposes only and is not an offering document or prospectus (as defined in the SFA). This document is not, nor is it intended to be (i) an offer or solicitation of an offer to buy or sell any capital markets product; or (ii) an advertisement of an offer or intended offer of any capital markets product. Deposit Insurance Scheme: Singapore dollar deposits of non-bank depositors are insured by the Singapore Deposit Insurance Corporation, for up to \$\$100,000 in aggregate per depositor per Scheme member by law. Foreign currency deposits, dual currency investments, structured deposits and other investment products are not insured. This advertisement has not been reviewed by the Monetary Authority of Singapore. Taiwan: SC Group Entity or Standard Chartered Bank (Taiwan) Limited ("SCB (Taiwan)") may be involved in the financial instruments contained herein or other related financial instruments. The author of this document may have discussed the information contained herein with other employees or agents of SC or SCB (Taiwan). The author and the above-mentioned employees of SC or SCB (Taiwan) may have taken related actions in respect of the information involved (including communication with customers of SC or SCB (Taiwan) as to the information contained herein). The opinions contained in this document may change, or differ from the opinions of employees of SC or SCB (Taiwan). SC and SCB (Taiwan) will not provide any notice of any changes to or differences between the above-mentioned opinions. This document may cover companies with which SC or SCB (Taiwan) seeks to do business at times and issuers of financial instruments. Therefore, investors should understand that the information contained herein may serve as specific purposes as a result of conflict of interests of SC or SCB (Taiwan). SC, SCB (Taiwan), the employees (including those who have discussions with the author) or customers of SC or SCB (Taiwan) may have an interest in the products, related financial instruments or related derivative financial products contained herein; invest in those products at various prices and on different market conditions; have different or conflicting interests in those products. The potential impacts include market makers' related activities, such as dealing, investment, acting as agents, or performing financial or consulting services in relation to any of the products referred to in this document. UAE: DIFC - Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered Bank, Dubai International Financial Centre having its offices at Dubai International Financial Centre, Building 1, Gate Precinct, P.O. Box 999, Dubai, UAE is a branch of Standard Chartered Bank and is regulated by the Dubai Financial Services Authority ("DFSA"). This document is intended for use only by Professional Clients and is not directed at Retail Clients as defined by the DFSA Rulebook. In the DIFC we are authorised to provide financial services only to clients who qualify as Professional Clients and Market Counterparties and not to Retail Clients. As a Professional Client you will not be given the higher retail client protection and compensation rights and if you use your right to be classified as a Retail Client we will be unable to provide financial services and products to you as we do not hold the required license to undertake such activities. For Islamic transactions, we are acting under the supervision of our Shariah Supervisory Committee. Relevant information on our Shariah Supervisory Committee is currently available on the Standard Chartered Bank website in the Islamic banking section. For residents of the UAE - Standard Chartered UAE ("SC UAE") is licensed by the Central Bank of the U.A.E. SC UAE is licensed by Securities and Commodities Authority to practice Promotion Activity. SC UAE does not provide financial analysis or consultation services in or into the UAE within the meaning of UAE Securities and Commodities Authority Decision No. 48/r of 2008 concerning financial consultation and financial analysis. Uganda: Our Investment products and services are distributed by Standard Chartered Bank Uganda Limited, which is licensed by the Capital Markets Authority as an investment adviser. United Kingdom: In the UK, Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. This communication has been approved by Standard Chartered Bank for the purposes of Section 21 (2) (b) of the United Kingdom's Financial Services and Markets Act 2000 ("FSMA") as amended in 2010 and 2012 only. Standard Chartered Bank (trading as Standard Chartered Private Bank) is also an authorised financial services provider (license number 45747) in terms of the South African Financial Advisory and Intermediary Services Act, 2002. The Materials have not been prepared in accordance with UK legal requirements designed to promote the independence of investment research, and that it is not subject to any prohibition on dealing ahead of the dissemination of investment research. Vietnam: This document is being distributed in Vietnam by, and is attributable to, Standard Chartered Bank (Vietnam) Limited which is mainly regulated by State Bank of Vietnam (SBV). Recipients in Vietnam should contact Standard Chartered Bank (Vietnam) Limited for any queries regarding any content of this document. Zambia: This document is distributed by Standard Chartered Bank Zambia Plc, a company incorporated in Zambia and registered as a commercial bank and licensed by the Bank of Zambia under the Banking and Financial Services Act Chapter 387 of the Laws of Zambia.