

International Sustainable Climate Equity Update

Third Quarter, 2019

international market review

The MSCI ACWIxUS Index (the "Index") declined -1.8% in US Dollar terms. In local currency terms, the Index rose +0.7% as a strengthening Dollar subtracted -2.5% from returns. Weaker European economic indicators and easing monetary policy pressured the Euro (-4.3%) and the UK Pound (-3.2%). The Yen was relatively stable (-0.3%), as it tends to move inversely with global growth expectations. A basket of Emerging Market currencies fell -2.2% relative to the US Dollar. Asia Pacific (-1.4%) outperformed ACWI Europe (-1.8%), driven by Japan.

Eurozone manufacturing activity fell to a seven-year low, dragged down by depressed German industrial production. The European Central Bank (ECB) cut the deposit interest rate by 0.1% to -0.5% and announced it will resume quantitative easing. Italy formed a new government, ousting the far-right Lega party. The UK Supreme Court thwarted Prime Minister Johnson's efforts to move the UK closer to a no-deal Brexit. The US and Japan agreed to the first stages of a trade agreement, but President Trump announced additional tariffs on Chinese goods and China retaliated. The defensive Consumer Staples (+1.5%), Utilities (+1.3%), and Healthcare (+1.1%) sectors outperformed as risk appetite and interest rates decreased. Concerns about the business cycle caused the Materials (-6.5%) and Industrials (-2.5%) sectors to underperform. Energy (-4.6%) also performed poorly as oil prices declined despite an attack on a Saudi processing facility.

The narrow Belgium (+3.4%) market was the best-performing developed country in the Index. Japan (+3.1%) also outperformed, bolstered in part by a recovery in autos. Hong Kong (-11.9%) was impacted by civil unrest. Singapore (-5.8%) was weighed down by the Sino-US trade dispute, while Germany (-4.0%) underperformed as its economic indicators deteriorated. The MSCI Emerging Market ("EM") Index fell -4.3%. EM Asia (-3.4%) fared better than Latin America (-5.6%) and EMEA (-7.0%) this quarter. Taiwan advanced +5.2%, rallying on an improving export outlook. China (-4.7%) marginally underperformed as economic data continue to signal softening growth. In EMEA, Turkey (+11.7%) was the best-performing country this quarter as inflation outlook improved and political risks took a back seat.

portfolio review

The Boston Common International Sustainable Climate strategy fell -2.4% before fees, underperforming the Index. Stock selection in the Financial Services sector was the largest detractor from performance, led by emerging market banks, Kasikorn in Thailand and HDFC in India.

performance



	QTD	YTD	1Yr	3Yr	5Yr	Since Inception*
Gross	-2.4%	13.8%	1.1%	7.2%	4.8%	4.1%
Net	-2.6%	13.1%	0.2%	6.3%	3.9%	3.2%
MSCI ACWIxUS	-1.8%	11.6%	-1.2%	6.3%	2.9%	2.5%

contributors & detractors

top 10	% of capital	return	relative contrib.	sector
SUNNY OPTICAL TECH	1.0%	42.3%	0.37%	Technology
UMICORE	1.1%	18.7%	0.23%	Materials
TAIWAN SEMICONDUCTOR	1.1%	18.5%	0.20%	Technology
ASML HOLDING	1.0%	18.3%	0.18%	Technology
HOYA CORP	2.0%	6.9%	0.18%	Healthcare
ORSTED A/S	1.7%	7.1%	0.17%	Utilities
SUNDRUG CO LTD	0.9%	17.4%	0.16%	Consumer Staples
KALBE FARMA	0.9%	14.2%	0.14%	Healthcare
SHISEIDO CO LTD	1.8%	6.0%	0.14%	Consumer Staples
HUANENG RENEWABLES	0.5%	26.3%	0.14%	Utilities
			1.91%	

bottom 10	% of capital	return	relative contrib.	sector
SAP SE	1.7%	-14.5%	-0.24%	Technology
KASIKORNBANK PCL	1.4%	-16.7%	-0.23%	Financials
HDFC BANK LTD	2.1%	-12.2%	-0.23%	Financials
SPIRAX-SARCO ENG	1.3%	-17.3%	-0.22%	Industrials
AIA GROUP LTD	1.9%	-12.0%	-0.20%	Financials
MELIA HOTELS INTL	1.0%	-17.3%	-0.17%	Consumer Discretionary
HEXAGON AB	1.3%	-13.1%	-0.16%	Technology
SAMPO	1.2%	-14.7%	-0.16%	Financials
KION GROUP	0.9%	-16.6%	-0.16%	Industrials
BYD COMPANY LTD	0.7%	-17.3%	-0.12%	Consumer Discretionary
			-1.88%	

European insurance and bank holdings Sampo and ING were pressured by the depressing effects of negative interest rates. The civil unrest in Hong Kong weighed on Asian life insurance provider AIA. Consumer Discretionary was also a significant drag on results. Spanish hotel chain Melia suffered from adverse trends in its Caribbean properties. South African internet holding company Naspers declined after it spun out a new company, Prosus. Chinese electric vehicle manufacturer BYD also lagged.

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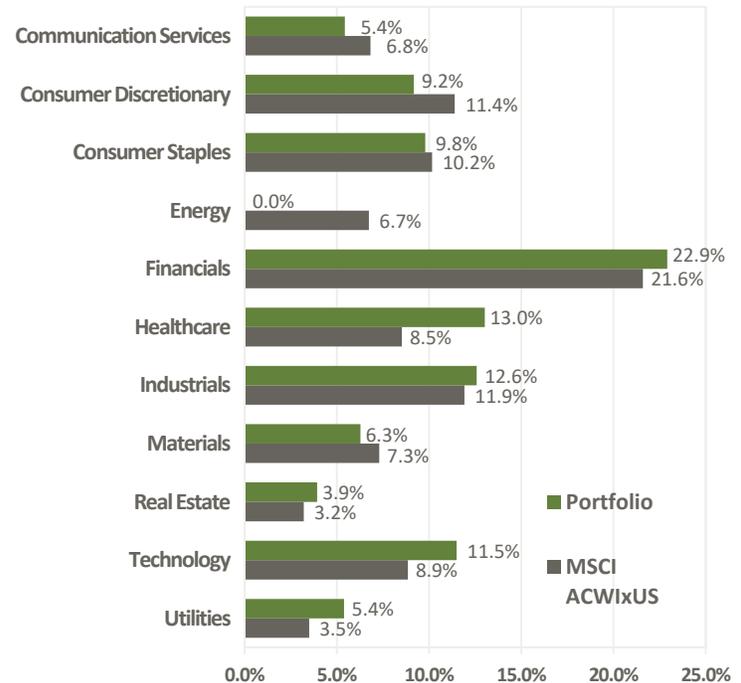
Developed Europe ex. UK was the largest regional detractor, weighed down by German holdings: software company SAP and warehouse equipment supplier Kion. Other key detractors include British steam specialist Spirax-Sarco and Swedish geospatial software provider Hexagon. Stock selection in the Materials and Utilities sectors was the top contributor to relative returns. Within Materials, specialty chemical holdings outperformed the metal and mining companies in the Index. Specifically, Belgian metal recycler and cathode producer Umicore rallied on news of a large order from an important customer. Wind farm developers led the outperformance in Utilities: Danish Orsted continues its strong growth, while Chinese Huaneng Renewables jumped with expectations it will be acquired by its parent. Our underweight of the Energy sector also helped relative performance. From a regional perspective, Emerging Markets was the largest contributor to relative performance, with strong returns from semiconductor names Sunny Optical and Taiwan Semiconductor as the outlook for the industry stabilized. Additional key contributors included Dutch lithography manufacturer ASML and Japanese holdings: lens maker Hoya and convenience store operator Sundrug.

portfolio activity

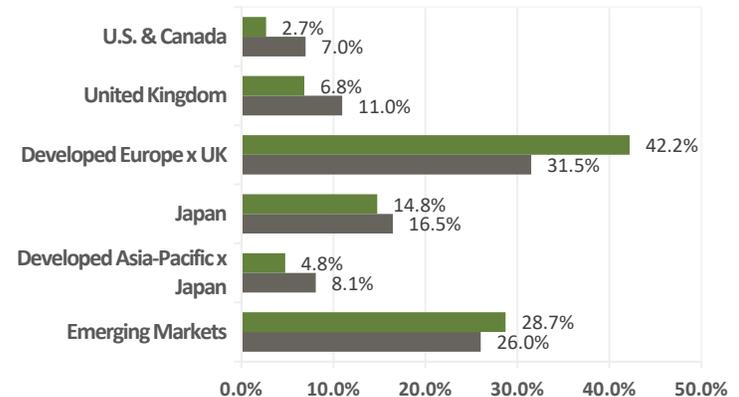
Among our transactions this quarter, we purchased Swedish personal care company Essity. The company has a strong presence in profitable and high growth segments including professional hygiene and Emerging Markets. The company is also making good progress towards its ambitious ESG targets: 59% of its new products yielded social and/or environmental improvements, and the company reduced carbon emissions and water usage by 5% and 3%, respectively. Essity is working to improve margins, and we find the stock compelling trading at 11x EBITDA with a 2.0% dividend yield. We also purchased Kerry Group, a leading supplier of products that improve taste and nutrition for food and beverages and enables clean label solutions using natural ingredients. The Irish company leverages its technical expertise and demand for healthier eating trends into consistent high-single-digit earnings growth that warrants premium valuations. Lastly, we bought Japanese human resource specialist Recruit Holdings. Japan's historically tight labor market (2.5% unemployment rate and a 1.6x jobs to applicants ratio) should lead to high demand for the company's staffing business and its women's empowerment initiatives. Recruit also owns fast-growing internet properties, including the world's leading job search platform, Indeed. During the quarter we sold Covestro, a German chemical company. We view many of the company's products as environmental solutions, for example durable yet light-weight plastics that help improve automotive efficiency. The plastics industry at large, however, faces increasing supply and a questionable demand outlook, partially related to new regulations.

Given the protracted uncertainty of the competitive environment, we elected to sell the position. In addition, we received cash for our holding in the Dutch organic food company Wessanen, which was acquired by a private equity consortium. We also sold Chinese gas utility ENN Energy due to a sudden governance shift by the Chairman, who was the controlling shareholder. The Chairman swapped his interest in ENN, a Hong Kong-listed firm, for a smaller interest in a Shanghai-listed entity.

sector allocation



regional allocation



portfolio characteristics

	boston common	msci acwixus
# holdings	72	2,215
Valuation		
Next 12m Price to Earnings	15.2	13.4
Price to Book Value	2.4	1.6
Price to Sales	2.0	1.2
Dividend Yield	2.6%	3.1%
Growth		
3yr Sales Consensus Growth	4.7%	3.1%
3yr EPS Consensus Growth	5.5%	4.2%
Risk		
Wtd Avg Mkt Cap	70,579	70,007
LT Debt/Cap	29.1%	30.3%
Beta*	0.99	1.00

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economic & market outlook

Global industrial demand appears to be deteriorating, but policymakers are responding with pro-growth actions. The US-led trade war is the primary suspect responsible for sharp declines in manufacturing activity. While political expediency may make a partial deal between the US and China more likely in the near term, broader structural disagreements will remain. Central banks have already started to ease monetary conditions, and new fiscal stimulus should be forthcoming, particularly from Germany. We are mindful of geopolitical hot spots including the Middle East and Brexit, but international equity valuations look attractive, especially relative to the US. Our portfolios are built with bottom-up analysis and are focused on sustainable growth drivers; common themes include energy efficiency, healthy consumption, sustainable transportation, and technology leadership. In aggregate, our portfolios are overweight defensive sectors, especially medical equipment, and notably underweight consumer discretionary and commodities.

Europe

The German economy is likely in a recession, given its probable contraction in the third quarter. A deceleration of global trade volume is weighing on the world's third-largest exporter. However, a dramatic decline in auto production related to changing emissions standards may be an even larger factor for the economy's malaise. The German government has had a fiscal surplus in each of the last four years and is now poised to inject stimulus. We are encouraged by its new plans to invest in electric car infrastructure, wind power, and cleaner heating systems to get the country back on track to reach its 2030 carbon emissions reduction targets. France and the Netherlands, where economic growth has been more stable, have also recently announced fiscal stimulus plans. Fiscal support is important because the ECB's policies, including more negative interest rates and bond purchases, are likely yielding diminishing returns.

Political uncertainty has been a headwind for European investors, but stabilization in Italy is an important positive development. The Brexit saga has become more raucous, and the UK's service sector is deteriorating faster than those of all other major European economies. Although we expect a general election will be held prior to any permanent decision, we remain underweight the UK market based on the disruptive effects of Brexit. We are overweight the rest of Europe, where we find many ESG leaders with attractive valuations relative to fundamentals.

Japan

Japan has implemented aggressive policies to offset deflationary headwinds, yet it has also occasionally looked to shore up its fiscal imbalances; its debt has soared to 238% of GDP, and its aging population will increasingly strain its public resources. In a nod to these challenges, Japan hiked its consumption tax from 8% to 10% on October 1st. To ease the burden on consumers, the government devised a scheme including rebates for electronic payments and a list of exempted products.

new & closed positions

closed	sector	% of port.
ASSA ABLOY	Industrials	1.1%
COVESTRO AG	Materials	0.6%
ENN ENERGY HOLDING	Utilities	1.0%
JULIUS BAER GRUPPE	Financials	1.2%
NORDEA BANK AB	Financials	0.0%
PROSUS N.V.	Consumer Discretionary	0.8%
WESSANEN NV KONINKLIJKE	Consumer Staples	0.8%
total closed		5.4%

new	sector	% of port.
ESSITY AB	Consumer Staples	1.2%
KERRY GROUP	Consumer Staples	0.8%
NORDEA BANK AB	Financials	0.0%
PROSUS N.V.	Consumer Discretionary	0.8%
RECRUIT HLDGS CO L	Industrials	1.0%
total new		3.9%

company spotlight: shiseido

Company Profile

Shiseido is Japan's largest cosmetics company and is ranked fifth globally. With a history dating back to 1872, the company now operates in nearly 120 countries and offers a wide portfolio of brands in prestige skincare, fragrance, color cosmetics, professional, and personal care products. With refillable models for over 700 products in Japan, Shiseido is enabling the transition to a circular economy. The company also certifies its manufacturing sites to industry-best ISO 14001 environmental standards and responds annually to the CDP (formerly known as the Carbon Disclosure Project).

ESG Integrated Investment Thesis

Over the past five years, Shiseido has significantly restructured its business to regain its brand power as a global leader in cosmetics. The company has not only reversed declines, but actually gained market share through renewed strategic investment and distribution network optimization. With a strong culture of product innovation, industry-leading R&D capabilities, and a diversified brand portfolio, we believe Shiseido will continue to benefit from the faster growing prestige beauty industry. Management has made important sustainability improvements: product lifecycle assessments are helping reduce carbon emissions at each step of the value chain, and governance reform has led to much greater board diversity, with women now accounting for 45% of board seats. We expect Shiseido will continue to close its margin gap with its global peers thanks to operating leverage from strong topline growth as well as renewed focus on expense controls, leading to consistent, double-digit earnings growth. *Risks: deteriorating consumer confidence, delay in operating improvements*

ESG Engagement Opportunities

The company's revenues are derived from products that contain significant amounts of palm oil. While Shiseido is a member of the Roundtable on Sustainable Palm Oil, it does not certify its palm oil sources to the most stringent standards and has not yet committed to a policy of zero deforestation, regarded as best practice within the cosmetics industry. We see an important opportunity for the company to improve its image as a sustainable leader while also protecting its supply chain from operational risk.

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The net effects may still be negative, but Japan will likely avoid a repeat of the recession that followed the larger sales tax increase in 2014. Decelerating global trade poses an external challenge for Japan. Many Japanese corporations are facing profit headwinds from the US-China trade war. Japan did sign a trade deal with the US, but that merely averted further damage. Importantly, corporate governance in Japan is improving. Increased female labor participation, higher capital returns to shareholders, and inexpensive valuations are appealing characteristics of the Japanese market. Japan is our single largest country exposure, even though we still hold less than the Index.

Asia Pacific and Emerging Markets

While the effectiveness of monetary policy in Europe and Japan may be waning, Asia-Pacific and Emerging Markets have more room to maneuver.

Real interest rates are positive in most major Emerging Markets, and inflation is relatively low, setting the stage for more expansionary policies. Central banks in China, India, and Australia have recently moved to ease credit conditions and lower borrowing costs. Since the group is sensitive to trade woes, domestic policy support is important to promote growth, especially in China.

Massive protests and clashes with police in Hong Kong are straining China's long-standing policy of "one country, two systems." This may be a protracted problem, but China will likely avoid a violent escalation in the near term, and the city has proven resilient to turbulent events in the past. We believe emerging Asia's economic development will be a source of global strength, and our portfolios are overweight the region with an emphasis on businesses geared to sustainable consumption.

Shareholder Engagement Highlights

Milestones

Lobbying Disclosure: We have withdrawn our [lobbying disclosure resolution](#) with **Oracle** given their substantive implementation of the resolution ask! This was our third resolution with Oracle requesting greater disclosure of direct and indirect lobbying expenses, calling for transparency and accountability in the spending of shareholder resources.

Private Prison Labor: In a win for investors, activists, and the immigrant community, which have collectively put pressure on banks to stop financing the private prison industry, [nine major banks have publicly committed to cut lending activity to private prisons!](#)

Work in Progress

Indigenous Peoples' Rights: Boston Common is [leading a coalition](#) of investors representing \$2.9 trillion, calling for the **Equator Principles** to be strengthened to respect the rights of Indigenous Peoples. 13 of the 17 banks that financed the Dakota Access Pipeline project were signatories to the Equator Principles.

Advancing Sustainability in Japan: Boston Common met with **Hoya, Kao, Orix, NTT, NTT DoCoMo, Panasonic, and Shiseido** on [improving ESG performance](#). Recently, our engagements have shifted from developing ESG awareness and policies to establishing ESG metrics and assessing the impact of companies' policies on people and planet.

Methane: Led by ICCR, Boston Common asked 7 oil and gas companies to support stricter regulation on methane emissions – supported by 130 investors representing \$5.5 AUM. **Equinor** publically issued positive support for this.

Global Health: Along with ICCR, Boston Common expanded engagement with 11 food and beverage companies, including **Mondelez, PepsiCo, and Unilever** to promote positive public policy on health and wellness through lobbying activities. The three companies have provided robust examples of how they are engaging globally.

Racial Equity & Gender Equality: Founder & President Geeta Aiyer moderated a Confluence Philanthropy webinar, ["It's About Time: A Call to Advance Racial Equity in the Investment Industry"](#) based on their recent report.

Industry Leadership

Climate Week in NYC: Geeta Aiyer, Steven Heim, and Lauren Compere represented [Boston Common at Climate Week](#) and attended various investor and multi-stakeholder events throughout the week.

**The Beta calculation is based on the trailing five-year performance of a representative account within a portfolio's strategy. Source: Bloomberg & Factset. Past performance does not guarantee future results. All investments involve risk, including the risk of losing principal. The information in this document should not be considered a recommendation to buy or sell any security. There is no assurance that any securities we discuss will remain in a strategy at the time you receive this document. The securities discussed do not represent a strategy's entire portfolio and may represent only a small portion of a strategy's holdings. It should not be assumed that any securities transactions we discuss were or will prove to be profitable. A different company is selected each quarter to be featured in our Company Spotlight. The company is chosen based on any potential updates to our investment thesis and/or ESG case. Composite returns are presented in U.S. dollars, net of transaction costs, management fees and withholding taxes, with interest and dividends accrued. Returns for periods greater than one year are annualized. This product invests in foreign securities, which are subject to special currency, political and economic risks. The MSCI ACWI ex. U.S. Index is a free-float adjusted, market capitalization weighted index of the largest publicly traded companies listed on the exchanges of developed and emerging market countries around the world, excluding U.S.-based companies. The index is unmanaged and does not incur management fees, transaction costs, or other expenses associated with separately managed accounts. The composition of our composite is different from the composition of these indices because of differences in sector and industry exposure, risk, volatility and holdings. Boston Common claims compliance with Global Investment Performance Standards (GIPS®). For a full listing of Boston Common's composites and to request a GIPS® Compliant presentation, please call the Compliance department at 617-720-5557.*