Carbon Report SEB Schweizfond

Report created on: 2021-04-29

The carbon footprint provides a historic snapshot of the emissions from the equity holdings of the fund. The calculations are not comprehensive and indirect emissions, e.g. from suppliers, are based on reported data or estimates of emissions. The metric says nothing about how the portfolio contributes to a low-carbon society. For further information about the metric, see www.sebgroup.com.

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Carbon Report

SEB Schweizfond

 $Report\ created\ on:\ 2021-04-29\ |\ Holdings\ as\ of:\ 2021-03-31\ |\ Benchmark:\ MSCI\ Switzerland\ 10/40\ (Net\ Return)$

Currency: SEK | Industry classification: GICS | Company breakdown metrics: Weighted average carbon intensity (tCO2e / SEK 1,000 revenue)

Value: 1'503'113'023.0 SEK | Fund Management Company: SEB Investment Management AB

Executive summary

Carbon emissions shows the total amount of carbon dioxide and other greenhouse gases emitted each year by the companies included in the fund and is measured in tons of carbon dioxide equivalents (tCO_2e). Carbon emissions include scope 1 and 2. Scope 1 emissions are directly generated by the company's operations, whereas indirect Scope 2 emissions are related to the company's energy consumption.

Relative carbon footprint measures yearly carbon footprint in correlation to a certain sum invested in the fund. It enables comparisons with a benchmark between multiple portfolios, over time and regardless of portfolio size.

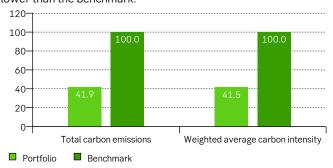
Carbon intensity measures yearly carbon emissions on a per revenue basis and is ultimately a measure of carbon efficiency.

Weighted average carbon intensity is a measure of the fund's exposure to carbon intensive firms.

	Total carbon emissions	Relative carbon footprint	Weighted average carbon intensity	Disclosing titles by no. of companies	Disclosing titles by weight (AUM)
	(tCO ₂ e)	(kg CO ₂ e/SEK 1'000 invested)	(kg CO ₂ e/SEK 1'000 revenue)		
Portfolio	8'638.3	5.7	8.8	88.1%	97.8%
Benchmark	20'617.6	13.7	21.2	90.0%	97.8%
Portfolio vs. benchmark	41.9%	41.9%	41.5%		

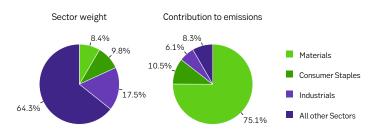
Benchmark comparison

The portfolio's weighted average carbon intensity is 58.5% lower than the benchmark.



Sector comparison

The sectors Materials, Consumer Staples and Industrials (per GICS classification) in the portfolio make up 35.7% of the weight vs. 91.7% of the contribution to emissions.



5 smallest contributors to the emissions of the fund:

Company	Carbon emissions (tCO ₂ e)	% of total	Relative carbon footprint (kg CO ₂ e/SEK1'000 invested)	Country	Sector
Peach Property Group	0.0	0.0%	0.0	Switzerland	Real Estate
Partners Group Holdning	0.0	0.0%	0.0	Switzerland	Financials
Luzerner Kantonalbank	0.2	0.0%	0.1	Switzerland	Financials
Missing	0.3	0.0%	0.2	Switzerland	Information Technology
Vaudoise ASsurances	0.3	0.0%	0.2	Switzerland	Financials

5 largest contributors to the emissions of the fund:

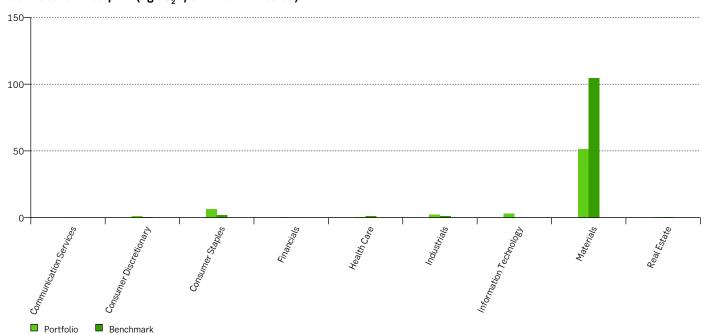
Company	Carbon emissions	% of total	Relative carbon footprint	Country	Sector
	(tCO ₂ e)		(kg CO ₂ e/SEK 1'000 invested)		
LafargeHolcim	6'161.0	71.3%	394.9	Switzerland	Materials
Emmi	378.0	4.4%	7.9	Switzerland	Consumer Staples
Also Holding	222.0	2.6%	42.4	Switzerland	Information Technology
Bell	204.6	2.4%	28.3	Switzerland	Consumer Staples
Zehnder	191.9	2.2%	8.4	Switzerland	Industrials

The holdings in the fund are associated with a global warming of 2.1 °C

Sector weighting and relative carbon footprint

	Weight		Relative car (kg CO₂e /SEK	Portfolio vs. Benchmark	
Sector	Portfolio	Benchmark	Portfolio	Benchmark	Delicilliark
Communication Services	4.3%	1.4%	0.1	0.1	100.0%
Consumer Discretionary	5.6%	5.7%	1.0	0.3	380.4%
Consumer Staples	9.8%	11.9%	6.2	1.7	357.5%
Financials	21.6%	23.7%	0.1	0.1	143.4%
Health Care	24.7%	28.1%	0.4	0.9	48.5%
Industrials	17.5%	13.5%	2.0	1.1	177.5%
Information Technology	4.9%	2.7%	3.0	0.0	8711.2%
Materials	8.4%	12.2%	51.2	104.7	48.9%
Real Estate	3.2%	0.7%	0.1	0.2	72.4%

Relative carbon footprint (kg ${\rm CO_2}{\rm e}$ / SEK 1'000 invested)



Attribution analysis

There are two principal reasons explaining why the carbon exposure of the portfolio may differ from the benchmark: Sector allocation and Stock selection.

Sector allocation decisions will cause the carbon intensity of the portfolio to diverge from the benchmark where some sectors are more carbon intensive than others. If the portfolio is overweight in carbon intensive sectors the portfolio is likely to be more carbon intensive than the benchmark.

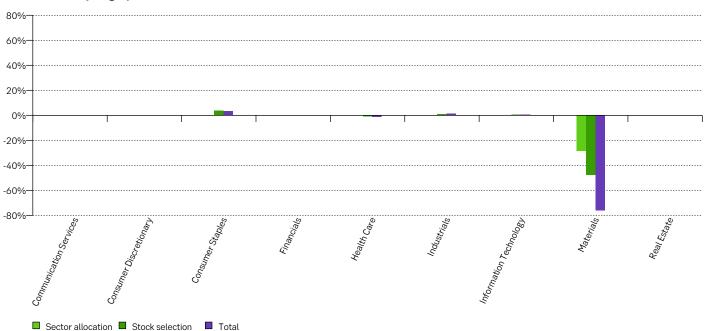
However, if the stocks within a carbon intensive sector are the most carbon efficient companies, it is possible that the portfolio may still have a lower carbon footprint than the benchmark. Such an impact is explained by stock selection decisions.

Explanation: The outperformance of the portfolio is based on the effect of over-/underweighting certain sectors and selecting more/less carbon intensive stocks within each sector for each of the underlying holdings. A positive number indicates that the effect increased the greenhouse gas emission (in tons of $\rm CO_2e$) and a negative number indicates a decreasing effect. In this case, the sector weighting of SEB Schweizfond saved $5'932.6~(tCO_2e)$, while the stock selection saved $8'827.6~tCO_2e$ versus the benchmark. This explains a 28.8% outperformance through sector weighting and 42.8% carbon outperformance by stock picking.

	Total emissions (tCO ₂ e)
Portfolio	8'638.3
Benchmark	20'617.6
Portfolio carbon out/underperformance (tCO ₂ e)	11'979.3
Portfolio carbon out/underperformance (%)	58.1%

	Sector allo	ocation	Stock selection		
Sector	Sector allocation to out/underperformance (tCO2e)	Sector allocation to out/underperformance (%)	Stock selection to out/underperformance (tCO2e)	Stock selection to out/underperformance (%)	
Communication Services	3.1	0.0%	0.0	0.0%	
Consumer Discretionary	-0.4	-0.0%	64.7	0.3%	
Consumer Staples	-54.3	-0.3%	790.6	3.8%	
Financials	-3.1	-0.0%	14.9	0.1%	
Health Care	-46.2	-0.2%	-195.3	-0.9%	
Industrials	69.3	0.3%	178.2	0.9%	
Information Technology	1.2	0.0%	123.0	0.6%	
Materials	-5'909.4	-28.7%	-9'803.0	-47.5%	
Real Estate	7.4	0.0%	-0.6	-0.0%	
Total	-5'932.6	-28.8%	-8'827.6	-42.8%	
		Interaction effect:	2'780.9	13.5%	

Attribution analysis graph



Scope 3 analysis

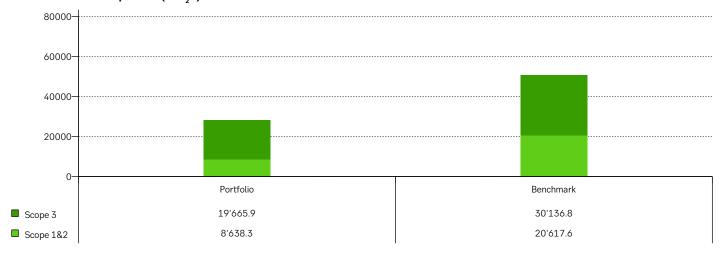
The graph below compares the total emissions (including scope 1, scope 2 and scope 3) between the portfolio and benchmark.

Scope 1 emissions are direct greenhouse gas emissions from sources that are owned or controlled by the company. Includes fuel combustion on site such as gas boilers, fleet vehicles and air-conditioning leaks.

Scope 2 emissions are indirect greenhouse gas emissions from sources that are owned or controlled by the company. Includes emissions that result from the generation of electricity, heat or steam purchased by the company from a utility provider.

Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the company, including both upstream and downstream emissions.

Total emissions comparison (tCO₂e)



Portfolio company analysis

The tables below show the 10 largest greenhouse gas contributors and the 10 largest holdings, respectively, of SEB Schweizfond.

The carbon data section explains your carbon emissions, i.e. the amount of greenhouse gases that the portfolio finances from the company's overall emissions, relative to company ownership. You can further see what % of the overall portfolio greenhouse gas emissions each company accounts for and the section also includes weighted average carbon intensity.

In the Analysis section, the Benchmark emissions are stated and the Average sector emissions allow a comparison of the greenhouse gas intensity of a company against its respective sector, i.e. the amount of greenhouse gas emissions that an investment of the same size would have financed, would it have been invested in the overall sector rather than the specific company.

The effect on the portfolio can be found under Portfolio contribution.

This is a measurement of how much a specific holding raises or reduces the carbon footprint of the portfolio. A positive number indicates that the company reduced the carbon footprint of the portfolio, whilst a negative number indicates that the company increased the carbon footprint of the portfolio.

Summary of 10 largest greenhouse gas contributors

		Wei	ght		Carbon	data		Analysis	
Company	GICS Industry	Portfolio	Benchmark	Carbon emissions (tCO2e)	% of total	Weighted average carbon intensity (kg CO2e/SEK 1'000 revenue)	Benchmark emissions (tCO2e)	Av. sector emissions (tCO2e)	Portfolio contribution (tCO2e)
LafargeHolcim	Unknown	1.0%	3.2%	71.3%	5.7	6'161.0	19'026.3	394.7	-6'135.0
Emmi	Food Products	3.2%	0.0%	4.4%	0.4	378.0	0.0	72.4	-105.8
Also Holding	Electronic Equipment, Instruments & Components	0.3%	0.0%	2.6%	0.0	222.0	0.0	0.0	-192.6
Bell	Food Products	0.5%	0.0%	2.4%	0.1	204.6	0.0	10.9	-163.8
Zehnder	Building Products	1.5%	0.0%	2.2%	0.2	191.9	0.0	24.0	-61.2
Orior	Food Products	0.9%	0.0%	2.0%	0.1	170.8	0.0	20.8	-92.5
Vetropack Holding	Containers & Packaging	0.9%	0.0%	1.8%	0.2	154.9	0.0	0.0	-74.3
Nestlé	Unknown	5.1%	9.2%	1.7%	0.4	149.8	268.9	1'958.1	311.0
Gurit Holding	Chemicals	1.9%	0.0%	1.6%	0.2	137.4	0.0	144.3	25.9
SFS Group	Machinery	1.6%	0.0%	0.9%	0.1	78.0	0.0	18.6	65.3

Summary of the portfolio's 10 largest holdings

		Wei	Weight		Carbon data		Carbon data		Analysis		
Company	GICS Industry	Portfolio	Benchmark	Carbon emissions (tCO2e)	% of total	Weighted average carbon intensity (kg CO2e/SEK 1'000 revenue)	Av. sector emissions (tCO2e)	Benchmar k emissions (tCO2e)	Portfolio contribution (tCO2e)		
Novartis	Pharmaceuticals	9.6%	8.8%	0.8%	0.2	71.2	65.3	49.3	835.2		
UBS	Capital Markets	8.6%	4.6%	0.3%	0.0	21.7	11.4	12.6	793.5		
Nestlé	Unknown	5.1%	9.2%	1.7%	0.4	149.8	268.9	1'958.1	311.0		
Roche	Pharmaceuticals	5.0%	8.1%	0.2%	0.0	14.7	24.0	25.8	439.4		
Adecco	Professional Services	4.8%	1.1%	0.8%	0.0	65.0	14.9	65.0	363.7		
Sonova Holding	Unknown	4.8%	1.5%	0.2%	0.1	14.4	4.6	1'808.2	416.2		
CS Group	Unknown	4.7%	2.8%	0.1%	0.0	10.8	6.4	1'794.3	416.5		
Swisscom	Diversified Telecommunication Services	4.3%	1.4%	0.1%	0.0	4.6	1.6	4.6	379.1		
Logitech	Technology Hardware, Storage & Peripherals	4.0%	1.7%	0.0%	0.0	1.0	0.5	1.0	354.9		
Geberit	Building Products	3.8%	2.4%	0.7%	0.3	59.5	38.6	59.5	277.2		

Appendix

This table presents all holdings in the portfolio, sorted by sector, in alphabetic order.

It shows how each company contributes to the overall portfolio footprint. It allows you to see which stocks are the greatest contributors to the portfolio's emission in absolute as well as relative terms.

A positive portfolio contribution indicates that the company reduced the carbon footprint of the portfolio, whilst a negative number indicates that the company increased the carbon footprint of the portfolio. This helps with portfolio optimization and in managing the overall carbon portfolio footprint without comprising the chosen sector allocation.

	Wei	ght	Carbon data		Analysis			
Company	Portfolio	Benchmark	Carbon emissions (tCO2e)	% of total	Weighted average carbon intensity (kg CO2e/SEK 1'000 revenue)	Benchmark emissions (tCO2e)	Av. sector emissions (tCO2e)	Portfolio contribution (tCO2e)
Banks	0.7%	0.3%	0.0%	0.0	1.6	0.1	0.3	63.2
Luzerner Kantonalbank	0.2%	0.0%	0.0%	0.0	0.2	0.0	0.1	14.6
Thurgauer Kantonalbank	0.2%	0.0%	0.0%	0.0	0.6	0.0	0.1	17.5
Valiant Holding	0.4%	0.0%	0.0%	0.0	0.7	0.0	0.1	31.1
Building Products	5.3%	2.4%	2.9%	0.5	253.1	38.6	84.2	217.9
Geberit	3.8%	2.4%	0.7%	0.3	59.5	38.6	59.5	277.2
Schweiter Technologies	0.0%	0.0%	0.0%	0.0	1.7	0.0	0.7	2.0
Zehnder	1.5%	0.0%	2.2%	0.2	191.9	0.0	24.0	-61.2
Capital Markets	10.1%	8.5%	0.3%	0.0	24.1	12.5	14.7	917.0
Partners Group Holdning	0.4%	2.5%	0.0%	0.0	0.0	0.1	0.6	34.2
UBS	8.6%	4.6%	0.3%	0.0	21.7	11.4	12.6	793.5
VP Bank	0.3%	0.0%	0.0%	0.0	2.1	0.0	0.4	21.0
Vontobel Holding	0.8%	0.0%	0.0%	0.0	0.4	0.0	1.2	68.3
Chemicals	4.9%	1.2%	1.8%	0.3	156.9	90.0	375.1	274.4
EMS Chemie	3.0%	0.8%	0.2%	0.1	19.5	4.9	230.9	248.6
Gurit Holding	1.9%	0.0%	1.6%	0.2	137.4	0.0	144.3	25.9
Containers & Packaging	0.9%	0.0%	1.8%	0.2	154.9	0.0	0.0	-74.3
Vetropack Holding	0.9%	0.0%	1.8%	0.2	154.9	0.0	0.0	-74.3
Diversified Telecommunication Services	4.3%	1.4%	0.1%	0.0	4.6	1.6	4.6	379.1
Swisscom	4.3%	1.4%	0.1%	0.0	4.6	1.6	4.6	379.1
Electronic Equipment, Instruments & Components	0.9%	0.0%	2.6%	0.1	224.3	0.0	0.0	-146.9
Also Holding	0.3%	0.0%	2.6%	0.0	222.0	0.0	0.0	-192.6
Inficon	0.4%	0.0%	0.0%	0.0	1.6	0.0	0.0	29.1
Lem Holding SA-REG	0.1%	0.0%	0.0%	0.0	0.4	0.0	0.0	9.1
Missing	0.1%	0.0%	0.0%	0.0	0.3	0.0	0.0	7.5
Food Products	4.6%	1.7%	8.7%	0.6	753.5	38.1	104.1	-362.2
Bell	0.5%	0.0%	2.4%	0.1	204.6	0.0	10.9	-163.8
Emmi	3.2%	0.0%	4.4%	0.4	378.0	0.0	72.4	-105.8
Orior	0.9%	0.0%	2.0%	0.1	170.8	0.0	20.8	-92.5
Health Care Equipment & Supplies	0.6%	3.6%	0.2%	0.0	21.2	61.0	10.8	33.5
COLTENE	0.6%	0.0%	0.2%	0.0	21.2	0.0	10.8	33.5
Household Durables	0.4%	0.0%	0.1%	0.0	11.5	0.0	0.0	23.3
Forbo	0.3%	0.0%	0.1%	0.0	6.4	0.0	0.0	20.9
Metall Zug	0.1%	0.0%	0.1%	0.0	5.1	0.0	0.0	2.4
Insurance	0.1%	0.8%	0.0%	0.0	0.3	2.4	0.3	9.1
Vaudoise ASsurances	0.1%	0.0%	0.0%	0.0	0.3	0.0	0.3	9.1
Life Sciences Tools & Services	1.2%	3.8%	0.4%	0.1	34.1	221.9	71.4	71.2
Bachem Holding	0.5%	0.0%	0.0%	0.0	1.8	0.0	28.4	40.0
Siegfried	0.7%	0.0%	0.4%	0.1	32.3	0.0	43.0	31.1
Machinery	4.7%	1.2%	1.9%	0.2	165.1	14.1	53.4	249.7
Bucher Industries	3.0%	0.0%	0.9%	0.1	76.8	0.0	33.8	186.9
SFS Group	1.6%	0.0%	0.9%	0.1	78.0	0.0	18.6	65.3
Tornos Holding	0.1%	0.0%	0.1%	0.0	10.3	0.0	1.0	-2.6
Marine	1.9%	1.6%	0.3%	0.0	28.5	24.2	28.5	137.3
Kuehne & Nagel International	1.9%	1.6%	0.3%	0.0	28.5	24.2	28.5	137.3

	Wei	ght	Carbon data		Analysis			
Company	Portfolio	Benchmark	Carbon emissions (tCO2e)	% of total	Weighted average carbon intensity (kg CO2e/SEK 1'000 revenue)	Benchmark emissions (tCO2e)	Av. sector emissions (tCO2e)	Portfolio contribution (tCO2e)
Media	0.1%	0.0%	0.0%	0.0	0.3	0.0	0.0	8.9
APG SGA	0.1%	0.0%	0.0%	0.0	0.3	0.0	0.0	8.9
Pharmaceuticals	14.6%	17.6%	1.0%	0.3	86.0	90.6	75.1	1'274.6
Novartis	9.6%	8.8%	0.8%	0.2	71.2	65.3	49.3	835.2
Roche	5.0%	8.1%	0.2%	0.0	14.7	24.0	25.8	439.4
Professional Services	4.8%	1.1%	0.8%	0.0	65.0	14.9	65.0	363.7
Adecco	4.8%	1.1%	0.8%	0.0	65.0	14.9	65.0	363.7
Real Estate Management & Development	2.2%	0.7%	0.1%	0.0	7.0	2.2	6.8	188.7
PSP Swiss Property	1.1%	0.0%	0.0%	0.0	3.6	0.0	3.3	92.2
Peach Property Group	0.0%	0.0%	0.0%	0.0	0.0	0.0	0.1	1.8
Swiss Prime Site	1.1%	0.7%	0.0%	0.0	3.4	2.2	3.4	94.8
Specialty Retail	1.7%	0.0%	0.7%	0.0	60.8	0.0	0.0	85.1
Mobilezone Holding	1.7%	0.0%	0.7%	0.0	60.8	0.0	0.0	85.1
Technology Hardware, Storage & Peripherals	4.0%	1.7%	0.0%	0.0	1.0	0.5	1.0	354.9
Logitech	4.0%	1.7%	0.0%	0.0	1.0	0.5	1.0	354.9
Textiles, Apparel & Luxury Goods	0.2%	0.9%	0.1%	0.0	11.6	13.4	3.0	5.3
Calida Holding	0.2%	0.0%	0.1%	0.0	11.6	0.0	3.0	5.3
Unknown	29.6%	51.4%	73.9%	6.2	6'384.6	19'530.8	11'244.1	-3'806.4
ABB	0.8%	4.7%	0.2%	0.0	19.4	115.4	299.2	49.0
CS Group	4.7%	2.8%	0.1%	0.0	10.8	6.4	1'794.3	416.5
EFG International	0.0%	0.0%	0.0%	0.0	0.3	0.0	14.7	3.1
LafargeHolcim	1.0%	3.2%	71.3%	5.7	6'161.0	19'026.3	394.7	-6'135.0
Nestlé	5.1%	9.2%	1.7%	0.4	149.8	268.9	1'958.1	311.0
Richemont	3.3%	4.5%	0.1%	0.0	7.1	9.6	1'271.5	291.5
Sika	1.6%	4.2%	0.2%	0.0	13.5	36.3	590.4	122.5
Sonova Holding	4.8%	1.5%	0.2%	0.1	14.4	4.6	1'808.2	416.2
Swiss Life	3.2%	1.6%	0.0%	0.0	4.1	2.0	1'219.9	282.1
Tecan Group	2.4%	0.0%	0.0%	0.0	0.7	0.0	903.2	209.4
Zurich Insurance Group	2.6%	6.7%	0.0%	0.0	3.4	8.8	989.8	227.4
Total portfolio	97.8%	97.8%	97.8%	8.6	8'450.0	20'617.6	12'142.3	

Note that the weighting for the benchmark will not always total 100% as the stocks shown are only for those held by the portfolio