Overview

DATE OF HOLDINGS 31 12 2025 AMOUNT ANALYZED 9,359,688,400 GBP PORTFOLIO TYPE MIXED NO. OF HOLDINGS 648 TOTAL COVERAGE 93.60%

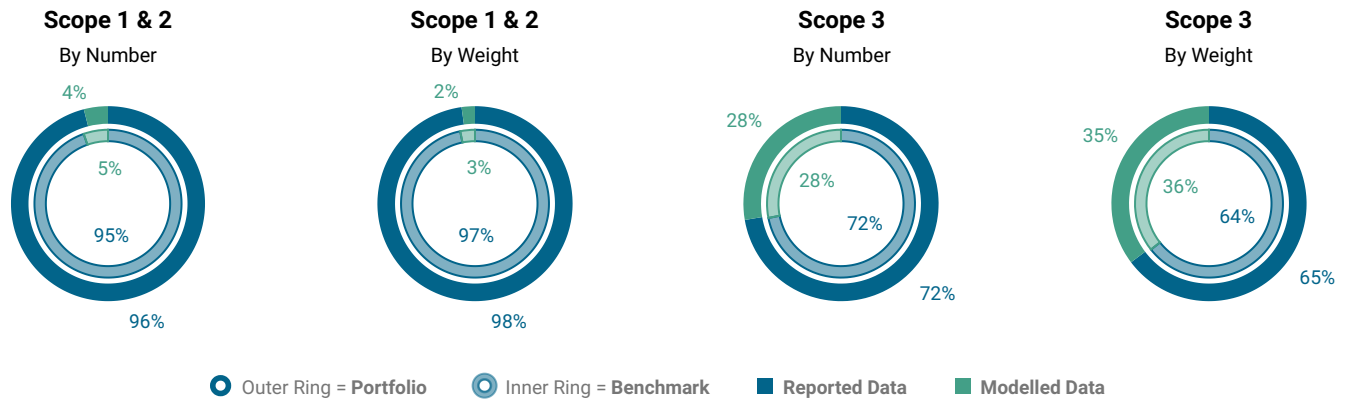
BENCHMARK USED UR00 BENCHMARK COVERAGE 84.57% ATTRIBUTION FACTOR AEV

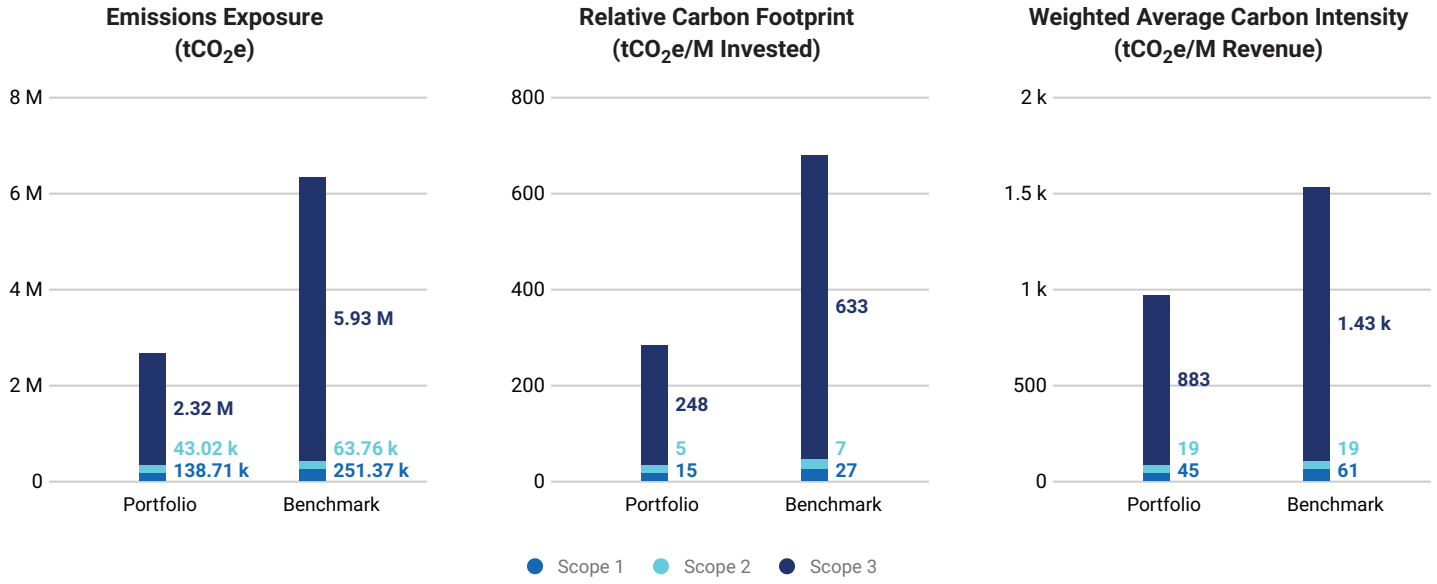
Carbon Metrics 1 of 8

Portfolio Overview

Disclosure Number/Weight		Emissions Exposure tCO_2e		Relative Emissions Exposure[1] tCO_2e/ M GBP				Climate Performance Weighted Avg
	Share of Disclosing Holdings	Scope 1 & 2	Scope 1, 2 & 3	Relative Carbon Footprint Scope 1 & 2	Relative Carbon Footprint Scope 1, 2 & 3	Carbon Intensity	WACI Revenue	Carbon Risk Rating
Portfolio	96.0%/97.8%	181,728	2.5 M	19.42	267.12	69.90	63.36	58
Benchmark	94.6%/96.8%	315,130	6.2 M	33.67	667.16	81.37	79.72	56
Net Performance	+1.4 p.p./+1.0 p.p.	-42.33%	-59.96%	-42.33%	-59.96%	-14.09%	-20.52%	-

Disclosure by Scope





[1]Note: Carbon Intensity and WACI Revenue are based on Scope 1 & 2 only.

Carbon Metrics 2 of 8

Detailed Carbon Footprint Metrics

Indicator	Emissions Scope	Portfolio Current	Coverage	Benchmark Current	Coverage	Net Performance	Portfolio Latest	Coverage
Emissions Exposure	**Scope 1**	138,709.00	93.60%	251,365.07	84.57%	-44.82%	138,709.00	93.60%
tCO_2e	**Scope 2 - Preferred**	43,018.76	93.60%	63,764.64	84.57%	-32.54%	43,018.76	93.60%
	Scope 2 - Location[1]	61,134.55	88.63%	69,729.53	79.37%	-12.33%	61,134.55	88.63%
	Scope 1 & 2	**181,727.76**	**93.60%**	**315,129.72**	**84.57%**	**-42.33%**	**181,727.76**	**93.60%**
	Scope 3	2.32 M	93.60%	5.93 M	84.57%	-60.90%	2.32 M	93.60%
	Scope 3 - Upstream[1]	395,369.73	78.19%	705,701.13	68.25%	-43.97%	395,369.73	78.19%
	Scope 3 - Downstream[1]	1.65 M	78.78%	4.36 M	68.42%	-62.11%	1.65 M	78.78%
	Scope 1,2 & 3	**2.5 M**	**93.60%**	**6.24 M**	**84.57%**	**-59.96%**	**2.5 M**	**93.60%**

Emissions Exposure:
Financed emissions, or emissions exposure, quantify greenhouse gas (GHG) emissions resulting from an investor's financing activities, using the ownership principle. Emissions are attributed to investors proportionally based on their ownership percentage in each company, as determined by the selected attribution factor.

Relative Carbon Footprint	**Scope 1**	14.82	93.60%	26.86	84.57%	-44.82%	14.82	93.60%
tCO_2e/M Invested	**Scope 2 - Preferred**	4.60	93.60%	6.81	84.57%	-32.54%	4.60	93.60%
	Scope 2 - Location[1]	6.53	88.63%	7.45	79.37%	-12.33%	6.53	88.63%
	Scope 1 & 2	**19.42**	**93.60%**	**33.67**	**84.57%**	**-42.33%**	**19.42**	**93.60%**
	Scope 3	247.70	93.60%	633.49	84.57%	-60.90%	247.70	93.60%
	Scope 3 - Upstream[1]	42.24	78.19%	75.40	68.25%	-43.97%	42.24	78.19%
	Scope 3 - Downstream[1]	176.33	78.78%	465.34	68.42%	-62.11%	176.33	78.78%
	Scope 1,2 & 3	**267.12**	**93.60%**	**667.16**	**84.57%**	**-59.96%**	**267.12**	**93.60%**

Relative Carbon Footprint:
Relative Carbon Footprint measures the financed emissions per million invested in the portfolio. Emissions are attributed utilizing the ownership principle.

Carbon Intensity	**Scope 1**	53.35	93.60%	64.90	84.57%	-17.80%	38.23	93.60%
tCO_2e/M Revenue	**Scope 2 - Preferred**	16.55	93.60%	16.46	84.57%	0.50%	11.86	93.60%
	Scope 2 - Location[1]	23.51	88.63%	18.00	79.37%	30.61%	16.85	88.63%
	Scope 1 & 2	**69.90**	**93.60%**	**81.37**	**84.57%**	**-14.09%**	**50.09**	**93.60%**
	Scope 3	891.73	93.60%	1,530.92	84.57%	-41.75%	639.02	93.60%
	Scope 3 - Upstream[1]	152.07	78.19%	182.21	68.25%	-16.54%	108.97	78.19%
	Scope 3 - Downstream[1]	634.80	78.78%	1,124.55	68.42%	-43.55%	454.90	78.78%
	Scope 1,2 & 3	**961.62**	**93.60%**	**1,612.28**	**84.57%**	**-40.36%**	**689.11**	**93.60%**

Carbon Intensity:
The carbon intensity metric measures emissions of a portfolio relative to revenue. It is calculated by dividing the financed emissions of a portfolio by the owned revenue of the holdings.

[1]Note: Figures for Scope 2 - Location, Scope 3 - Upstream and Scope 3 - Downstream are presented for contextual purposes.

Carbon Metrics 2 of 8 (Continued)

Detailed Carbon Footprint Metrics

Indicator	Emissions Scope	Portfolio Current	Coverage	Benchmark Current	Coverage	Net Performance	Portfolio Latest	Coverage
Weighted Average Carbon Intensity tCO_2e/M Revenue	**Scope 1**	44.68	93.60%	61.00	84.57%	-26.76%	44.68	93.60%
	Scope 2 - Preferred	18.68	93.60%	18.73	84.57%	-0.23%	18.68	93.60%
	Scope 2 - Location[1]	30.12	88.63%	24.55	79.37%	22.65%	21.58	88.63%
	Scope 1 & 2	**63.36**	**93.60%**	**79.72**	**84.57%**	**-20.52%**	**63.36**	**93.60%**
	Scope 3	883.15	93.60%	1,432.82	84.57%	-38.36%	883.15	93.60%
	Scope 3 - Upstream[1]	156.15	78.19%	167.28	68.25%	-6.65%	111.90	78.19%
	Scope 3 - Downstream[1]	620.61	78.78%	993.81	68.42%	-37.55%	444.73	78.78%
	Scope 1,2 & 3	**946.51**	**93.60%**	**1,512.54**	**84.57%**	**-37.42%**	**946.51**	**93.60%**

Weighted Average Carbon Intensity (WACI) per Million Revenue:

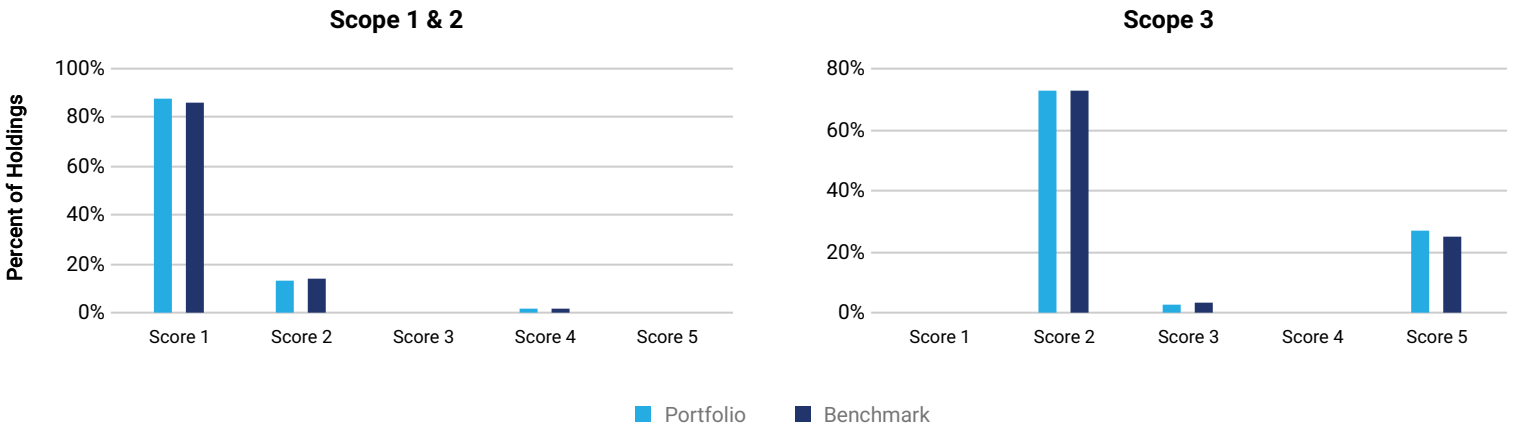
This Weighted Average Carbon Intensity metric measures the portfolio's exposure to carbon intensive companies. Unlike financed emissions, this metric does not incorporate the ownership principle, and instead is the portfolio's weighted average of emissions per million revenue.

[1]Note: Figures for Scope 2 - Location, Scope 3 - Upstream and Scope 3 - Downstream are presented for contextual purposes.

Carbon Metrics 3 of 8

Emissions Disclosure Quality Assessment

	Emissions	Relative Carbon Footprint tCO_2e/ M Invested	Weighted Avg PCAF Score		Emissions	Relative Carbon Footprint tCO_2e/ M Invested	Weighted Avg PCAF Score
Portfolio	Scope 1 & 2	19.42	1.1	**Benchmark**	Scope 1 & 2	33.67	1.2
	Scope 3	247.70	2.8		Scope 3	633.49	2.8



Sectoral PCAF Score Assessment Scope 1 & 2

Sector	Relative Carbon Footprint tCO_2e/ M Invested	Weighted Avg PCAF Score	Score 1	Score 2	Score 3	Score 4	Score 5
Financials	0.98	1.1	96%	3%	0%	1%	0%
Other	69.08	1.5	52%	47%	0%	1%	0%
Real Estate	2.03	1.2	80%	20%	0%	0%	0%
Utilities	42.92	1.0	100%	0%	0%	0%	0%
Communication Services	8.43	1.1	91%	9%	0%	0%	0%
Industrials	43.25	1.2	82%	18%	0%	0%	0%
Consumer Discretionary	3.24	1.0	96%	4%	0%	0%	0%
Health Care	3.69	1.0	100%	0%	0%	0%	0%
Consumer Staples	13.71	1.0	100%	0%	0%	0%	0%
Information Technology	0.04	1.0	100%	0%	0%	0%	0%

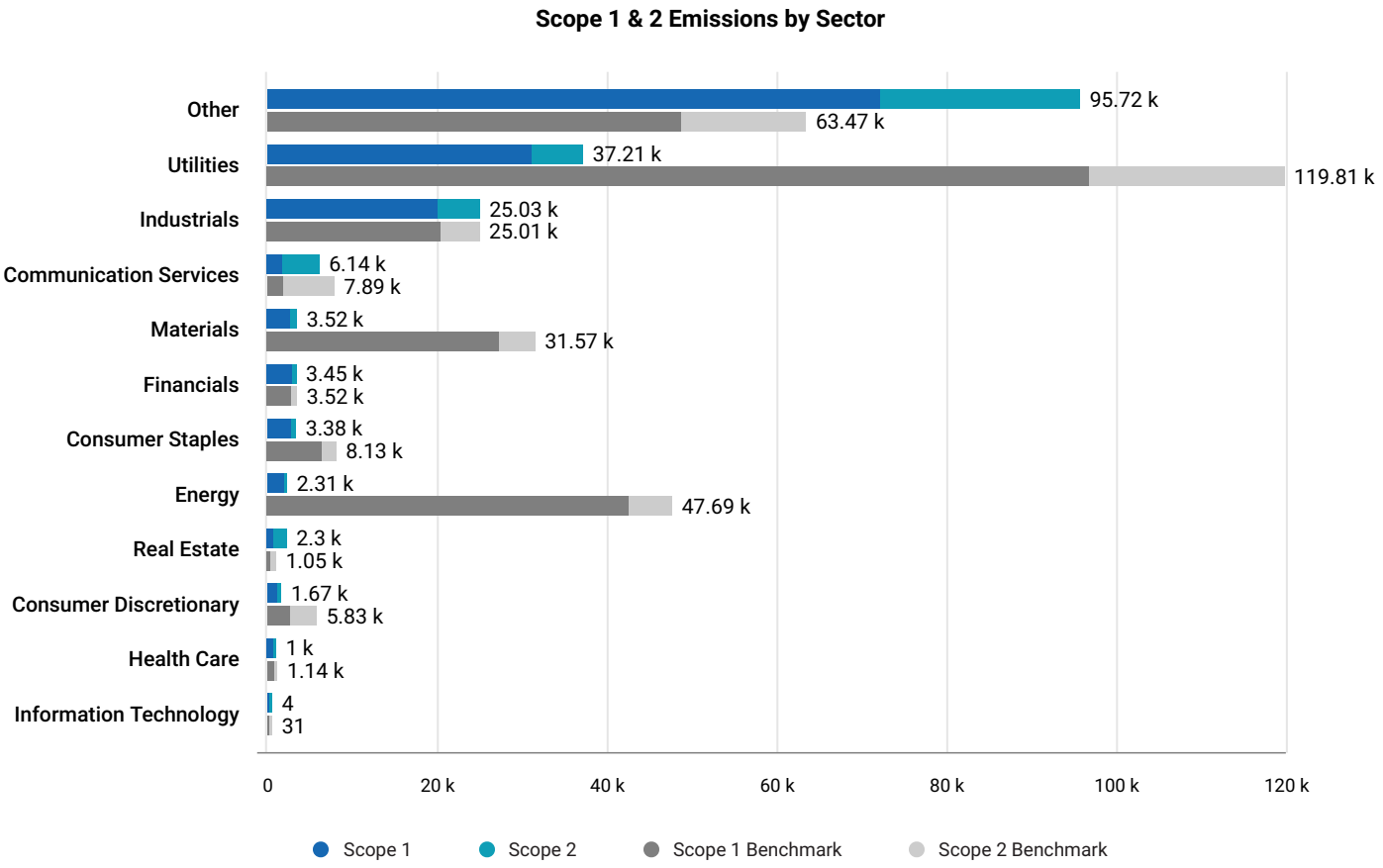
Sectoral PCAF Score Assessment Scope 3

Sector	Relative Carbon Footprint tCO_2e/ M Invested	Weighted Avg PCAF Score	Score 1	Score 2	Score 3	Score 4	Score 5
Financials	235.01	3.1	0%	64%	2%	0%	35%
Other	656.13	3.9	0%	37%	0%	0%	63%
Real Estate	32.48	2.2	0%	92%	0%	0%	8%
Utilities	163.30	2.2	0%	93%	0%	0%	7%
Communication Services	74.64	2.2	0%	93%	0%	0%	7%
Industrials	193.59	2.7	0%	63%	18%	0%	19%
Consumer Discretionary	257.97	2.3	0%	90%	0%	0%	10%
Health Care	47.95	2.0	0%	100%	0%	0%	0%
Consumer Staples	200.12	2.0	0%	98%	0%	0%	2%
Information Technology	5.46	2.0	0%	100%	0%	0%	0%

Carbon Metrics 4 of 8

Scope 1 & 2 Emissions Exposure Analysis

The chart below compares the Scope 1 and Scope 2 emissions for each sector in the portfolio vs. the benchmark. Sectors are listed from highest to lowest Total Emissions (Scope 1 & 2).



Scope 1 & 2 Emissions Exposure Analysis

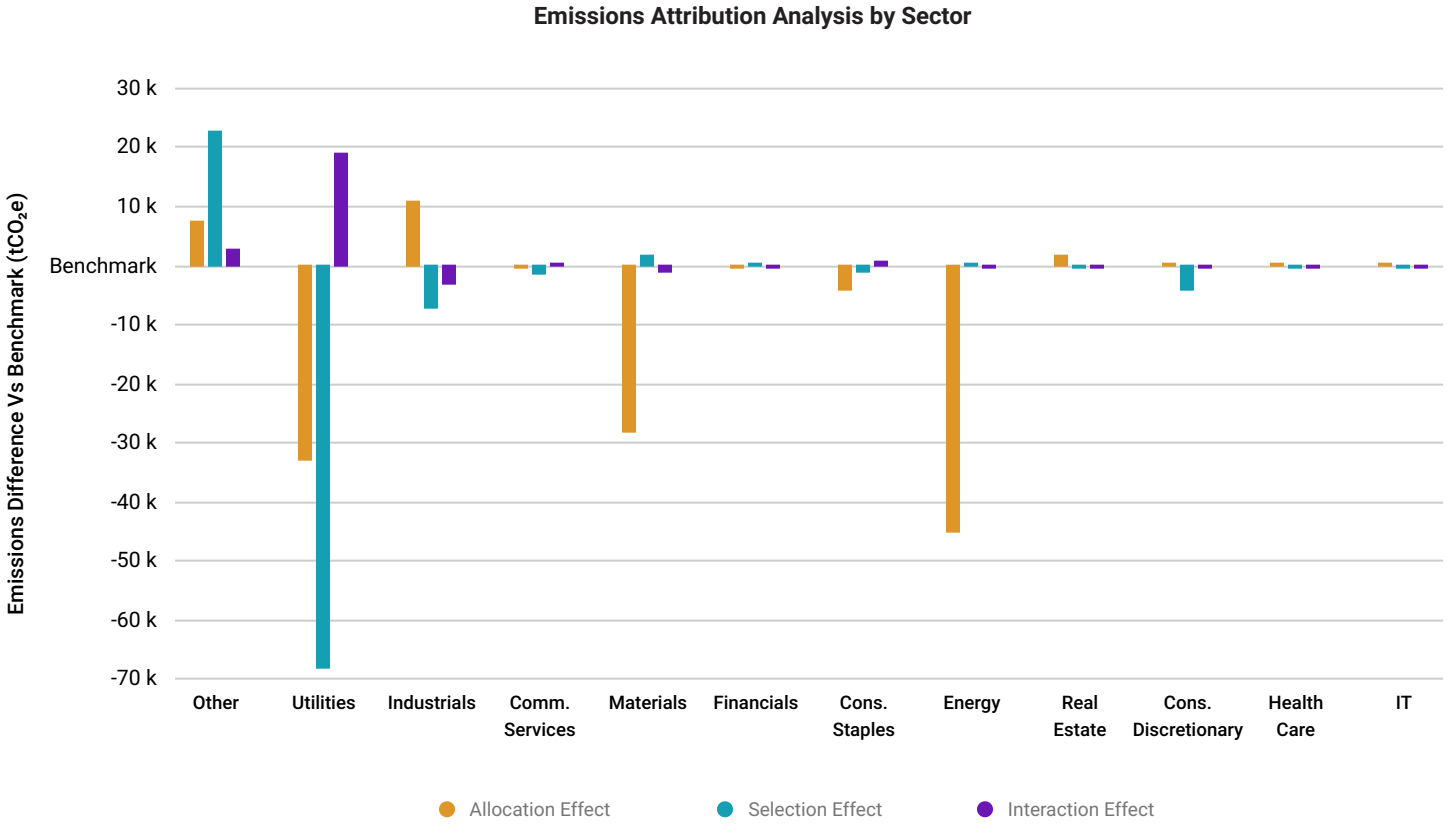
Top 10 Contributors to Portfolio Emissions: Scope 1 & 2 (tCO_2e)

Issuer Name	Contribution to Portfolio	Portfolio Weight	Scope 1	Scope 2	Carbon Risk Rating	Emissions Source	Emissions Reporting Quality
Suez SA	21.85%	1.17%	3.6 M	484,000	Not Covered	Reported	Strong
CK Hutchison Holdings Limited	7.58%	1.10%	7 M	1.3 M	Medium Performer	Reported	Moderate
North West Electricity Networks Plc	5.93%	1.08%	6,050	332,006	Not Covered	Reported	Moderate
Electricity Supply Board Ltd.	5.49%	0.23%	5.1 M	474,974	Medium Performer	Reported	Strong
Vattenfall AB	5.41%	0.45%	5.2 M	40,000	Outperformer	Reported	Strong
Northern Gas Networks Ltd.	4.73%	0.43%	292,744	0	Not Covered	Reported	Moderate
Cadent Gas Ltd.	4.18%	0.74%	1.1 M	0	Not Covered	Reported	Strong
UK Power Networks Holdings Ltd.	3.64%	0.70%	29,688	1.2 M	Not Covered	Reported	Moderate
Iberdrola SA	3.53%	1.02%	8.9 M	2.4 M	Outperformer	Reported	Strong
ENGIE SA	3.50%	0.30%	21.9 M	808,754	Medium Performer	Reported	Moderate
Total for Top 10	**65.84%**	**7.20%**					

Carbon Metrics 5 of 8

Scope 1 & 2 Emissions Attribution Analysis

Emissions attribution analysis examines the impact of sector allocation and issuer selection decisions on the portfolio's Scope 1 & 2 Emissions and Relative Carbon Footprint (tCO_2e/M Invested) metrics. The following table presents the attribution analysis of the Total Emissions vs the benchmark per sector.



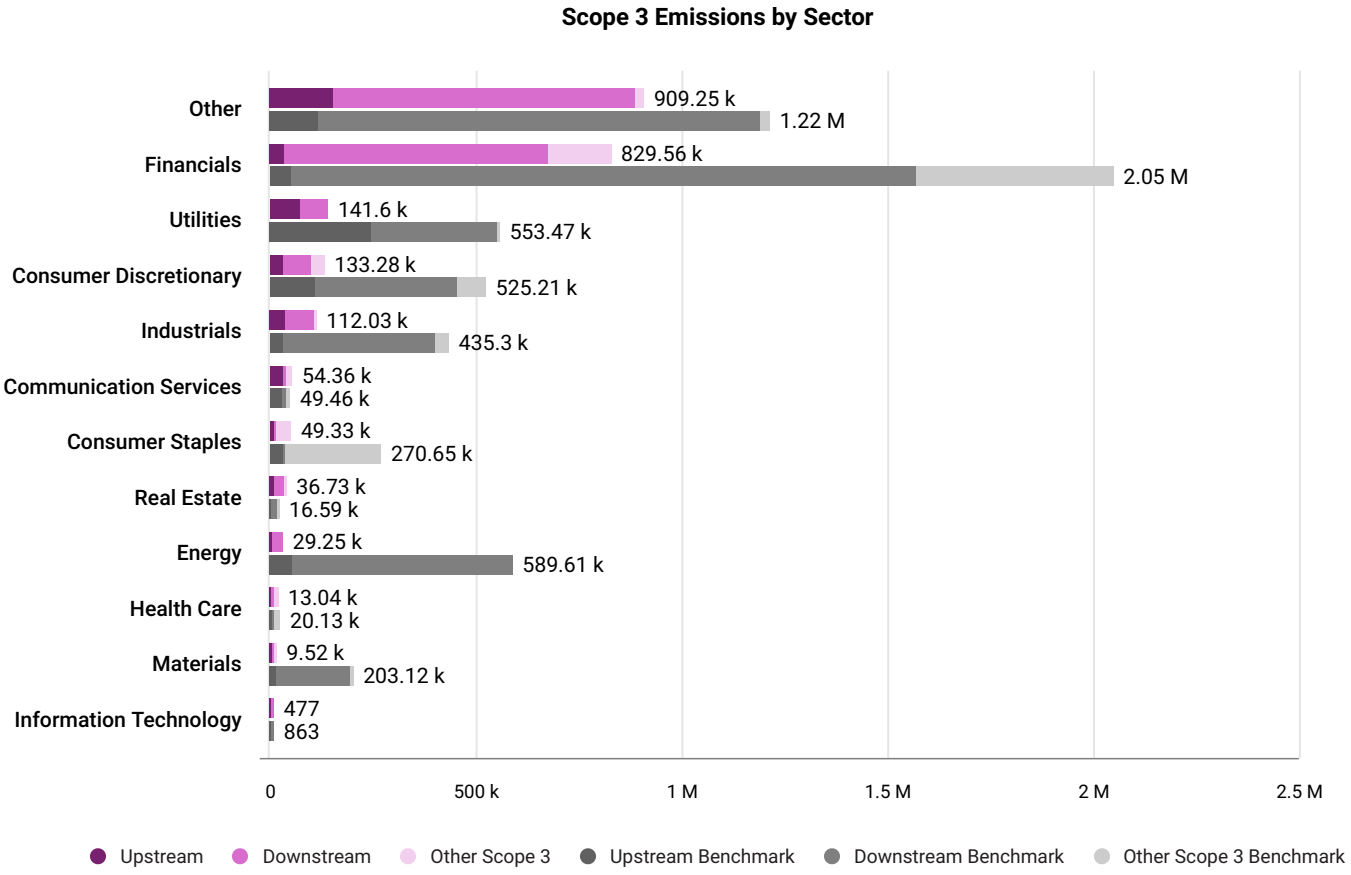
Emissions Exposure and Attribution Analysis by Sector

Sector	Portfolio Weight	Benchmark Weight	Portfolio tCO_2e	Benchmark tCO_2e	Emissions Difference	Sector Allocation Effect	Issuer Selection Effect	Interaction Effect
Other	14.81%	13.30%	95,724.52	63,466.58	32,257.94	7,195.41	22,510.44	2,552.08
Utilities	9.26%	12.79%	37,211.70	119,811.32	-82,599.62	-33,051.70	-68,423.56	18,875.64
Industrials	6.18%	4.35%	25,026.97	25,012.27	14.70	10,557.92	-7,413.79	-3,129.43
Communication Services	7.78%	7.94%	6,135.72	7,894.25	-1,758.53	-161.42	-1,630.45	33.34
Materials	0.09%	0.88%	3,515.54	31,568.38	-28,052.83	-28,210.24	1,479.69	-1,322.29
Financials	37.71%	39.90%	3,450.90	3,520.08	-69.19	-192.85	130.83	-7.17
Consumer Staples	2.63%	5.29%	3,380.26	8,128.27	-4,748.01	-4,079.62	-1,341.89	673.50
Energy	0.09%	1.80%	2,306.49	47,685.61	-45,379.12	-45,380.27	23.82	-22.66
Real Estate	12.08%	5.00%	2,296.93	1,045.71	1,251.22	1,481.20	-95.17	-134.81
Consumer Discretionary	5.52%	5.31%	1,672.33	5,825.82	-4,153.49	226.85	-4,216.16	-164.17
Health Care	2.90%	2.53%	1,002.54	1,140.12	-137.58	166.92	-265.61	-38.89
Information Technology	0.93%	0.91%	3.87	31.30	-27.44	0.87	-27.54	-0.77
Total Emissions			**181,727.76**	**315,129.72**	**-133,401.95**	**-91,446.93**	**-59,269.40**	**17,314.38**
Higher (+) or Lower (-) Net Emissions Exposure vs Benchmark					**-42.33%**	**-29.02%**	**-18.81%**	**5.49%**

Carbon Metrics 6 of 8

Scope 3 Emissions Exposure Analysis

The chart below compares the Scope 3 emissions for each sector in the portfolio vs. the benchmark. Scope 3 emissions are broken down into upstream and downstream emissions where available.



Scope 3 Emissions Exposure Analysis

Top 10 Contributors to Portfolio Emissions: Scope 3 (tCO_2e)

Issuer Name	Contribution to Portfolio	Portfolio Weight	Scope 3	Scope 3 Upstream	Scope 3 Downstream	Emissions Source	Emissions Reporting Quality
Northern Gas Networks Ltd.	15.97%	0.43%	12.6 M	23,104	12.6 M	Reported	Complete Disclosure
Suez SA	9.14%	1.17%	21.9 M	3.1 M	18.8 M	Reported	Complete Disclosure
Lloyds Banking Group Plc	6.29%	2.84%	100.4 M	7.9 M	92.5 M	Modelled	Partial Disclosure
Commerzbank AG	4.21%	0.85%	74.4 M	106,402	74.3 M	Reported	Complete Disclosure
Mercedes-Benz Group AG	2.21%	0.59%	128.9 M	27.9 M	101 M	Reported	Complete Disclosure
VINCI SA	2.00%	1.03%	48 M	18.3 M	29.7 M	Reported	Complete Disclosure
La Banque Postale SA	1.93%	0.80%	62.9 M	347,751	62.6 M	Reported	Complete Disclosure
Cadent Gas Ltd.	1.92%	0.74%	6.6 M	2.2 M	4.5 M	Modelled	Partial Disclosure
BNP Paribas SA	1.81%	0.78%	224.8 M	17.7 M	207.2 M	Modelled	Partial Disclosure
Vattenfall AB	1.74%	0.45%	21.5 M	10.9 M	10.6 M	Reported	Complete Disclosure
Total for Top 10	47.23%	9.68%					

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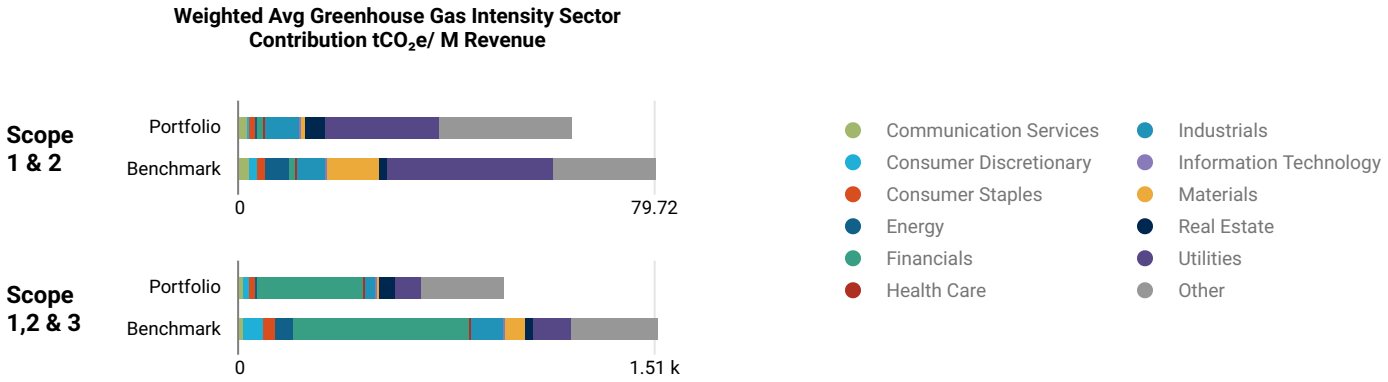
Greenhouse Gas Emissions Intensity



Top 10 Emission Intense Companies: Scope 1 & 2 (tCO_2e / Revenue Millions)

Issuer Name	Sector	Contribution to Portfolio	Portfolio Weight	Emissions Intensity	Peer Group Avg Intensity	Portfolio Exposure Under (-)	Portfolio Exposure Over (+)
Suez SA	NotCollected	9.72%	1.17%	528.24	757.84	0.96%	
North West Electricity Networks Plc	NotCollected	8.86%	1.08%	519.87	216.78	0.86%	
APA Group	Utilities	7.35%	0.37%	1,264.97	329.71		0%
SNAM SpA	Utilities	7.11%	1.13%	397.83	278.28	0.94%	
Cadent Gas Ltd.	NotCollected	6.03%	0.74%	516.87	278.28	-0.19%	
National Grid Plc	Utilities	5.68%	0.90%	401.35	278.28	-0.04%	
UK Power Networks Holdings Ltd.	NotCollected	5.30%	0.70%	477.13	216.78	-0.33%	
CK Hutchison Holdings Limited	Industrials	5.12%	1.10%	296.25	248.90	0.26%	
Iberdrola SA	Utilities	4.86%	1.02%	302.55	3,142.33	0.61%	
Northern Gas Networks Ltd.	NotCollected	3.74%	0.43%	555.85	278.28		-0.01%
Total for Top 10		63.76%	8.62%				

Top 10 Emission Intense Companies: Scope 3 (tCO_2e / Revenue Millions)

Issuer Name	Sector	Contribution to Portfolio	Portfolio Weight	Emissions Intensity	Portfolio Exposure Under (-)	Portfolio Exposure Over (+)
Northern Gas Networks Ltd.	NotCollected	11.56%	0.43%	23,968.06		-0.01%
Lloyds Banking Group Plc	Financials	5.55%	2.84%	1,724.67	1.06%	
Svenska Handelsbanken AB	Financials	4.25%	1.13%	3,306.49	0.97%	
Suez SA	NotCollected	3.72%	1.17%	2,818.59	0.96%	
Commerzbank AG	Financials	3.23%	0.85%	3,371.09	0.59%	
Intesa Sanpaolo SpA	Financials	3.10%	0.96%	2,866.64		-0.01%
Nordea Bank Abp	Financials	2.81%	0.45%	5,554.06	0.1%	
Cadent Gas Ltd.	NotCollected	2.54%	0.74%	3,040.06		-0.19%
La Banque Postale SA	NotCollected	2.50%	0.80%	2,763.87	0.66%	
BPCE SA	NotCollected	2.47%	1.13%	1,940.53		-0.03%
Total for Top 10		41.75%	10.48%			

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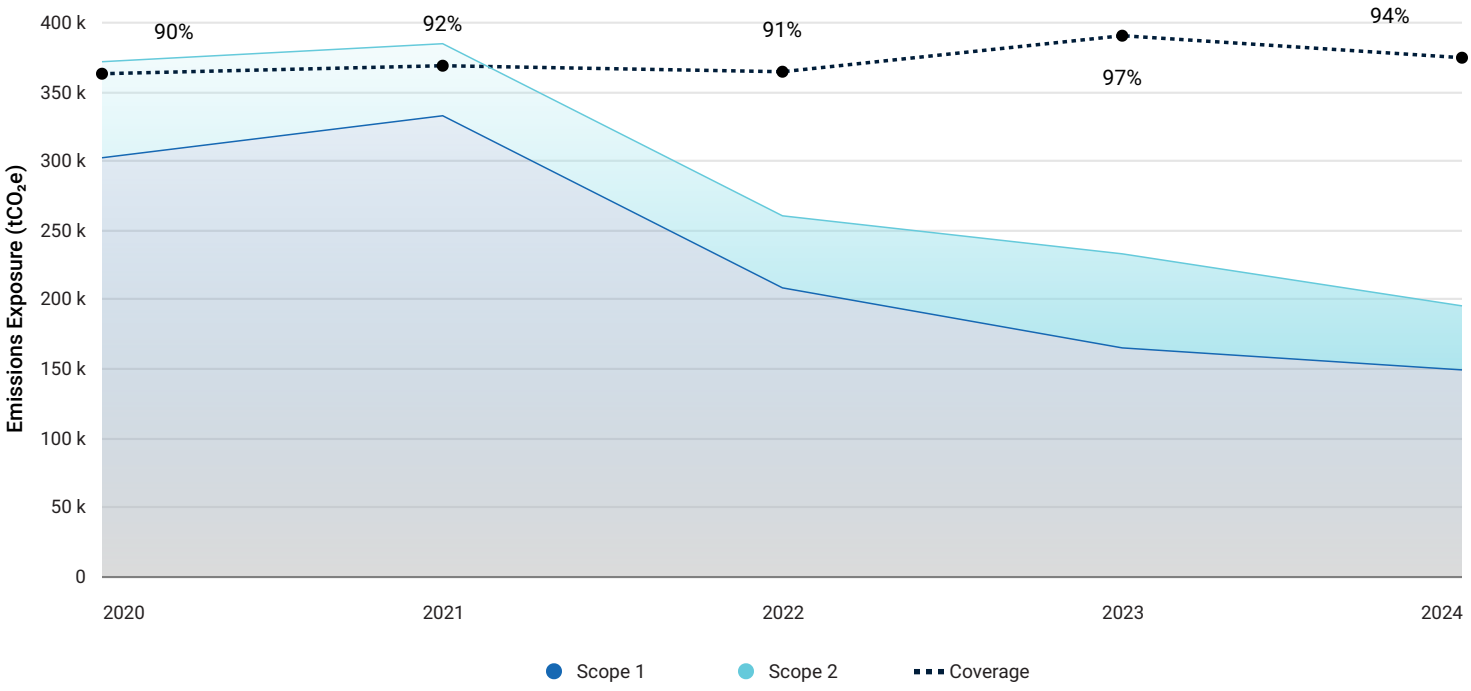
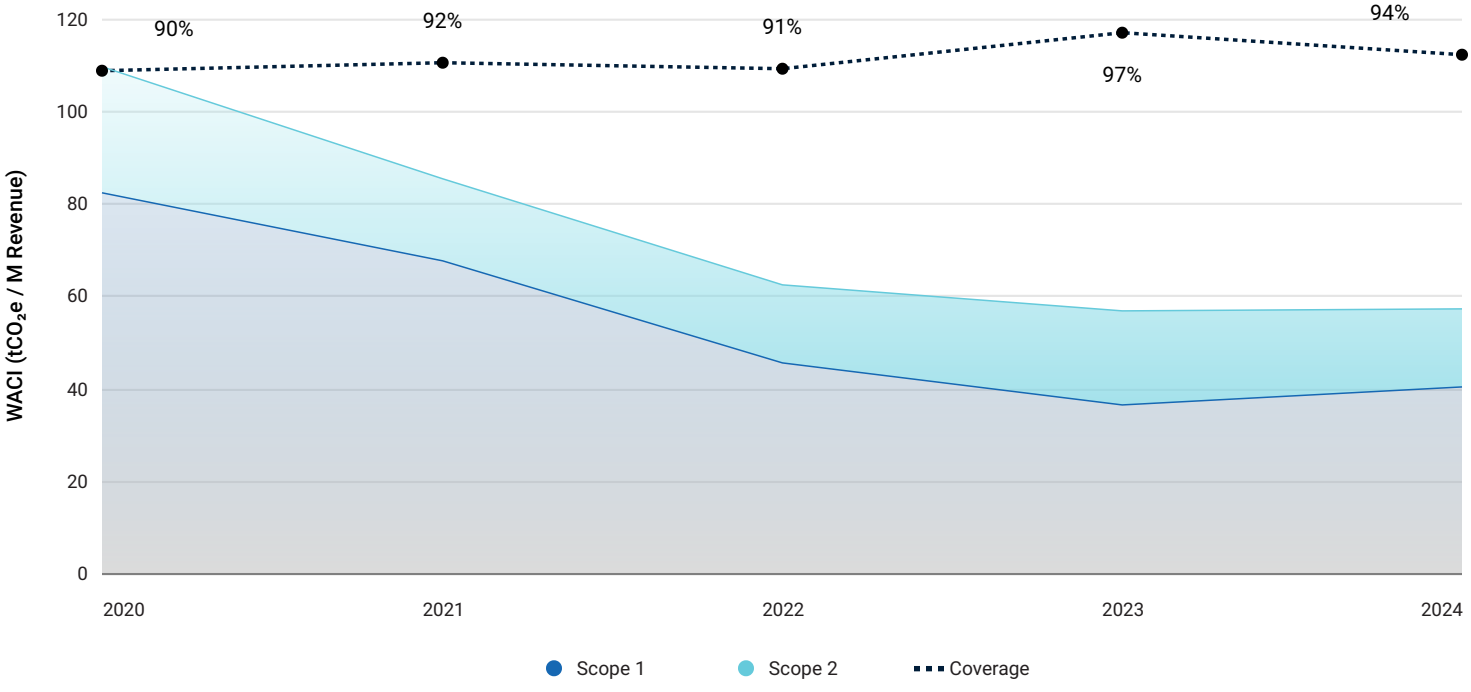
Historical Emissions Profile

Historical Emissions of Current Holdings



Historical WACI of Current Holdings



Overview - IEA

TOTAL COVERAGE 93.60% SECTION COVERAGE 99.18% of TOTAL REGIONAL GRANULARITY 24% WORLD / 76% REGIONAL

ESTIMATION UNCERTAINITY MEDIUM EXPANSION DEGREE 1.4

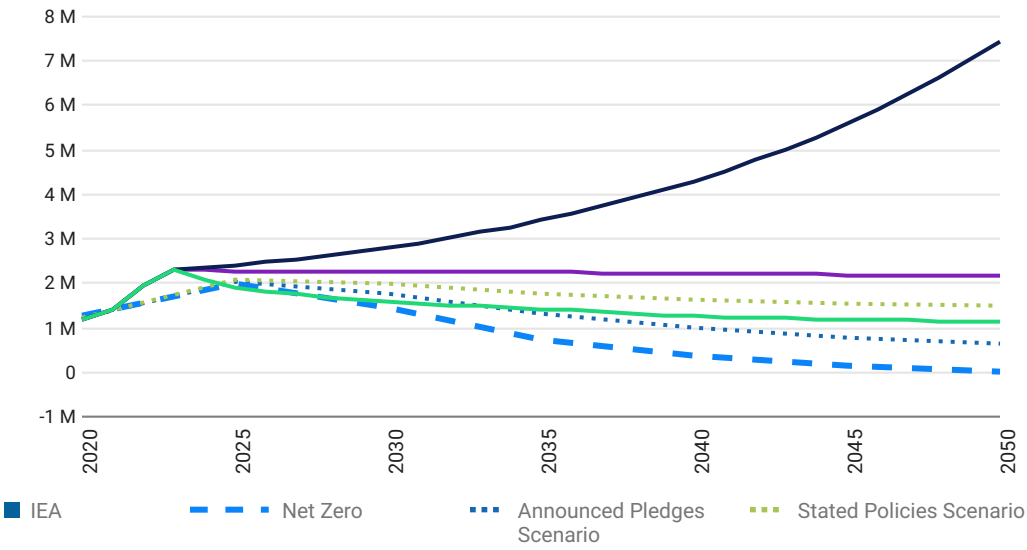
Climate Scenario Alignment 1 of 4

Alignment Analysis

Scenario Alignment provides a forward-looking framework to enable the comparison of the Scope 1, 2 and 3 emissions of the portfolio constituents against a set of climate scenarios. Scenario Alignment leverages sectoral and regional emissions pathways from various models (IEA, NGFS & OECM) to derive company-specific carbon budgets. A wide range of possible futures in terms of policy and technological developments is assessed, with projected temperature rises ranging from 1.5°C to 3°C+. The line chart below plots out for the portfolio the yearly time series of the three emissions projections (Historical, Policies and Target) as well as the various scenarios carbon budgets.

Alignment of the portfolio and benchmark to a Net Zero scenario can be measured as an Implied Temperature Rise (ITR) metric or Crosspoint year. The metrics are based on the comparison of the cumulative future emissions versus the total Net Zero carbon budget.

Portfolio owned projected emissions against IEA carbon budgets (Scope 1, 2 & 3 in tCO_2e)



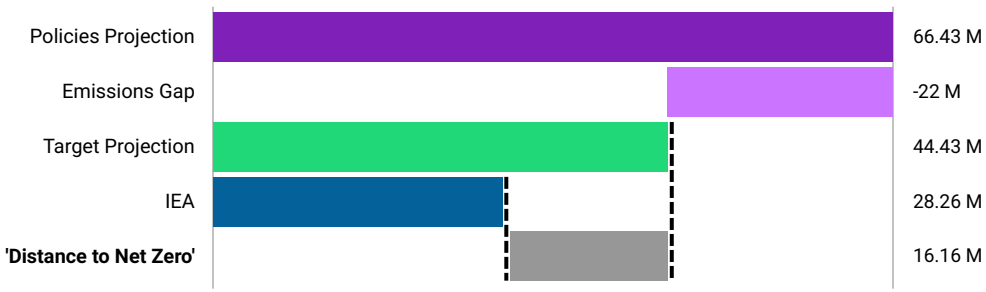
Portfolio	Benchmark
2050 ITR Crosspoint Year	2050 ITR Crosspoint Year
1.3°C 2032	1.3°C 2031
1.3°C 2033	1.3°C 2033
1.3°C 2037	1.3°C 2037

Projected Emissions: Target, Policies, Historical

Target Analysis

The chart analyses the ambition of the portfolio Target emissions projection, which include GHG reduction targets of its constituents, when compared to the selected Net Zero carbon budget. Figures include cumulative total Scope 1, 2 and 3 emissions between 2020 and 2050. The 'Emissions Gap' bar shows the emissions that could be mitigated if companies meet their disclosed targets. A positive 'Distance to Net Zero' means that Target ambition falls short of being aligned to Net Zero. A negative 'Distance to Net Zero' means that the Portfolio can be considered as aligned, conditional on targets being fully achieved by 2050.

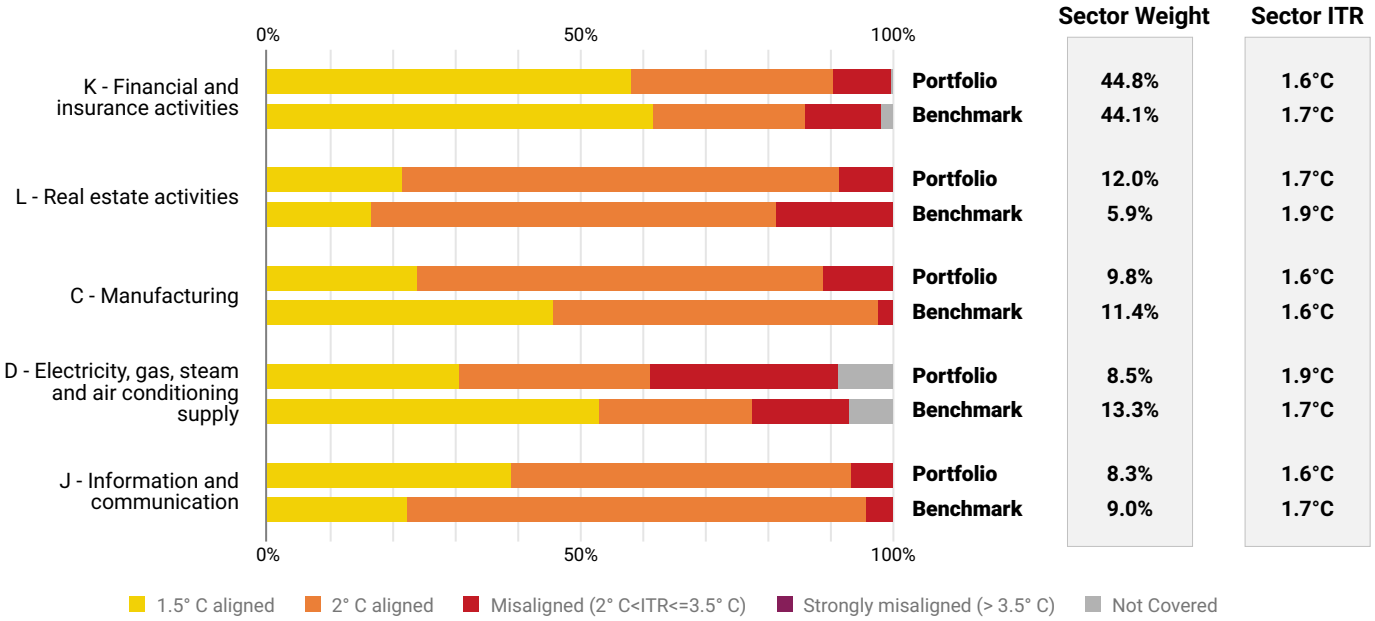
Portfolio owned cumulative projected emissions and carbon budgets (Scope 1, 2 & 3 in tCO_2e)



Climate Scenario Alignment 2 of 4

Sector Analysis

Scenario Alignment relies on granular sectoral decarbonization pathways. The stacked chart below selects the portfolio largest exposure by weight to NACE Sections (Level 1) and displays the distribution of 2050 ITR of the portfolio and benchmark constituents' exposures. Identifying leaders and laggards across and within sectors can support sector allocation and issuer selection to achieve a better climate outcome.



	Sector Weight	Sector ITR
K - Financial and insurance activities – Portfolio	44.8%	1.6°C
K - Financial and insurance activities – Benchmark	44.1%	1.7°C
L - Real estate activities – Portfolio	12.0%	1.7°C
L - Real estate activities – Benchmark	5.9%	1.9°C
C - Manufacturing – Portfolio	9.8%	1.6°C
C - Manufacturing – Benchmark	11.4%	1.6°C
D - Electricity, gas, steam and air conditioning supply – Portfolio	8.5%	1.9°C
D - Electricity, gas, steam and air conditioning supply – Benchmark	13.3%	1.7°C
J - Information and communication – Portfolio	8.3%	1.6°C
J - Information and communication – Benchmark	9.0%	1.7°C

Top Portfolio Contributors

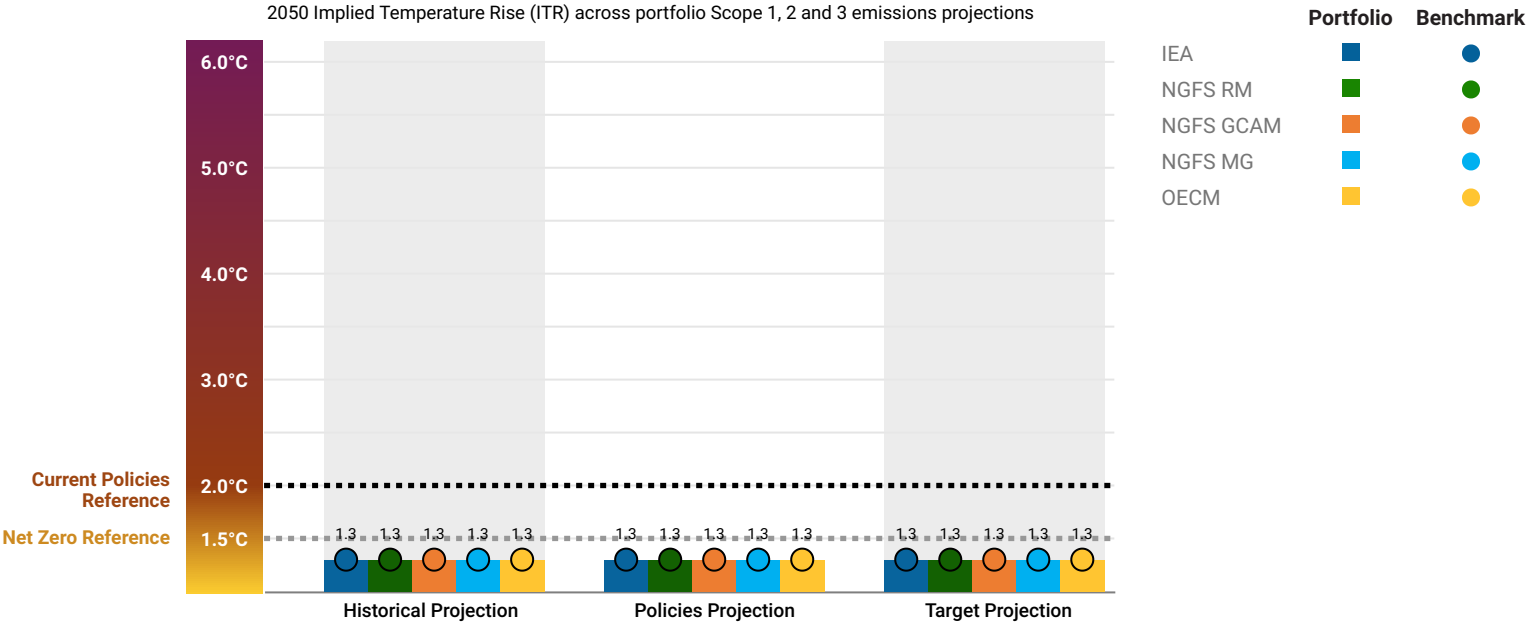
Issuers contribute to the portfolio's alignment and associated metrics by adding owned emissions and carbon budgets, in cumulative tons of CO_2e. The Table below selects the issuers that contribute the most to the portfolio's divergence from the selected Net Zero scenario, as indicated in the Relative Contribution Score. Such issuers combine large owned cumulative Target projected emissions and small owned cumulative carbon budget. The issuers' absolute emissions and budget, the financed emissions ratio, the trajectory of emissions and budget (i.e., cumulative sum) influence the Relative Contribution Score.

Issuer Name	NACE Class (Level 4)	Weight	Share of 2050 target emissions	Share of cumulative carbon budget	2050 ITR (°C)	Relative contribution score
Northern Gas Networks Ltd.	35.22 - Distribution of gaseous fuel...	0.4%	27.7%	6.9%	2.8	32.0
Suez SA	36.00 - Water collection, treatment ...	1.2%	19.3%	11.2%	2.0	19.3
APA Group	35.22 - Distribution of gaseous fuel...	0.4%	2.3%	1.0%	2.2	12.6
North West Electricity Networks Plc	35.11 - Production of electricity	1.1%	2.3%	1.0%	2.2	12.5
UK Power Networks Holdings Ltd.	35.11 - Production of electricity	0.7%	1.3%	0.3%	2.8	12.2
CK Hutchison Holdings Limited	47.78 - Other retail sale of new goo...	1.1%	2.7%	1.8%	1.9	12.1
Credit Agricole SA	64.19 - Other monetary intermediat...	0.1%	1.1%	0.2%	3.5	12.1
La Banque Postale SA	64.19 - Other monetary intermediat...	0.8%	1.4%	0.6%	2.2	12.0
Cargill, Inc.	20.59 - Manufacture of other chemi...	0.0%	1.6%	1.0%	2.0	11.9
Massachusetts Mutual Life Insuran...	65.11 - Life insurance	0.4%	2.0%	1.3%	1.9	11.9

Climate Scenario Alignment 3 of 4

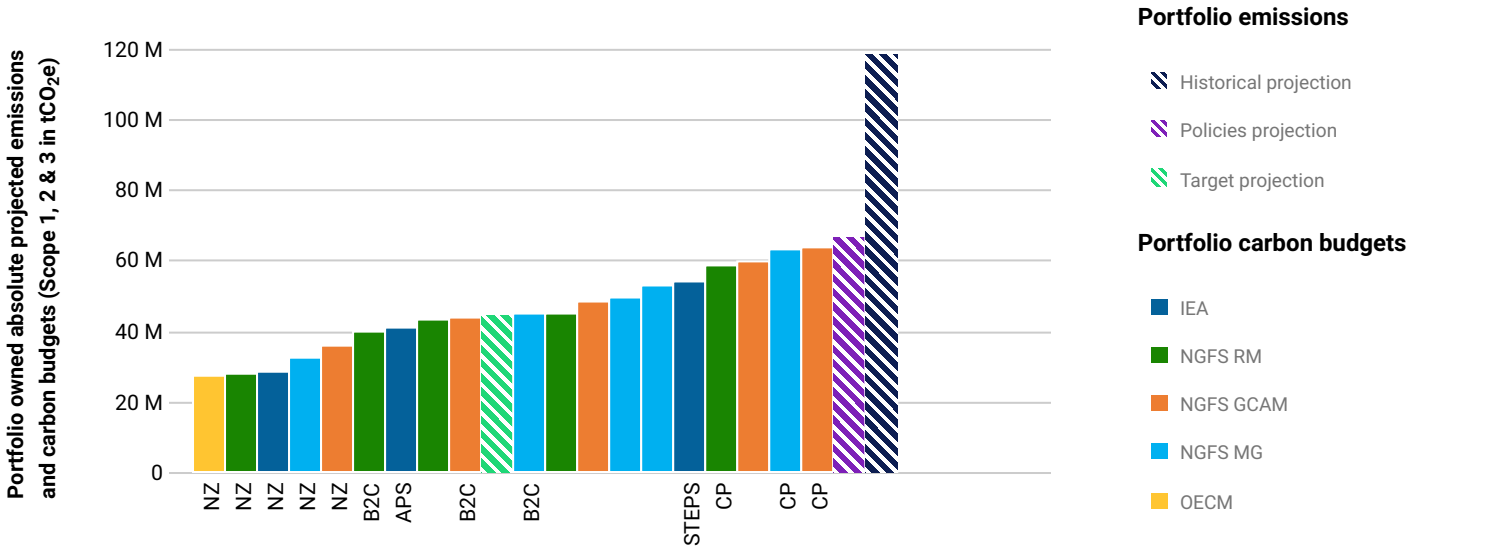
Analysis against a range of Net Zero Scenarios

Net Zero pathways can vary greatly from model to model. Consequently, the cumulative alignment result of the portfolio will be linked to the model of reference, as well as the projected emissions approach. The chart below provides a range of the portfolio and benchmark alignment assessments as measured by the 2050 ITR under several climate models.
As a comparison point, the dotted grey line shows an indicative Temperature score of Net Zero 2050 scenarios. The dotted black line represents an indicative Temperature Score of Current policies scenarios. The positioning of the ITR portfolio bars and benchmark dots can be quickly compared against the indicator lines to assess alignment.



Analysis against a range of scenarios

The chart below ranks the portfolio owned cumulative emissions and carbon budgets by ascending order, allowing for contextualizing the cumulative budget of the various scenarios against the different projected emissions approaches. Net Zero carbon budgets will tend to be smaller than business-as-usual carbon budgets. The closer to the left the projected emissions are, the better they fare against all scenarios. Inversely, the further right the bars of projected emissions are, the less aligned they are to any scenarios as their carbon budget would be overshooting.



Climate Scenario Alignment 4 of 4

Portfolio

		Cumulative Budgets (tCO_2e)		Cumulative Alignment (%)					
				Historical		Policies		Target	
Model	**Scenario**	**2030**	**2050**	**2030**	**2050**	**2030**	**2050**	**2030**	**2050**
IEA	Net Zero Emissions by 2050	19618258	28264038	125	417	115	235	97	157
	Announced Pledges Scenario	20511311	41122586	120	287	110	162	93	108
	Stated Policies Scenario	21352877	53977815	115	219	105	123	89	82
NGFS RM	Net Zero	18534040	28133061	132	419	121	236	103	158
	Divergent Net Zero	-	-	-	-	-	-	-	-
	Below 2°C	20116687	40042048	122	295	112	166	95	111
	Nationally Determined Contributions	19978401	44906876	123	263	113	148	95	99
	Current Policies	20977543	58434397	117	202	107	114	91	76
NGFS GCAM	Net Zero	19216122	35921181	128	328	117	185	99	124
	Divergent Net Zero	-	-	-	-	-	-	-	-
	Below 2°C	19749850	43675624	124	270	114	152	96	102
	Nationally Determined Contributions	20543891	59685895	119	198	110	111	93	74
	Current Policies	21017189	63869807	117	185	107	104	91	70
NGFS MG	Net Zero	18949790	32475845	129	363	119	205	101	137
	Divergent Net Zero	-	-	-	-	-	-	-	-
	Below 2°C	20150814	44864311	122	263	112	148	95	99
	Nationally Determined Contributions	20623276	52691424	119	224	109	126	92	84
	Current Policies	20883305	63319352	117	186	108	105	91	70
OECM	Net Zero	17877913	27284821	137	432	126	243	107	163

Benchmark

		Cumulative Budgets (tCO_2e)		Cumulative Alignment (%)					
				Historical		Policies		Target	
Model	**Scenario**	**2030**	**2050**	**2030**	**2050**	**2030**	**2050**	**2030**	**2050**
IEA	Net Zero Emissions by 2050	46627026	68378929	134	473	122	243	100	147
	Announced Pledges Scenario	48329594	97544709	129	332	117	171	97	103
	Stated Policies Scenario	50151609	126534656	125	256	113	132	93	80
NGFS RM	Net Zero	42528513	63091439	147	513	133	264	110	160
	Divergent Net Zero	-	-	-	-	-	-	-	-
	Below 2°C	46505706	92132066	134	351	122	181	101	109
	Nationally Determined Contributions	45881931	99394986	136	325	123	167	102	101
	Current Policies	48361676	130181110	129	248	117	128	97	77

Climate Scenario Alignment 4 of 4

Benchmark Continued

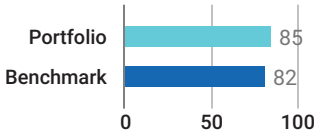
		Cumulative Budgets (tCO_2e)		Cumulative Alignment (%)					
				Historical		Policies		Target	
Model	**Scenario**	**2030**	**2050**	**2030**	**2050**	**2030**	**2050**	**2030**	**2050**
NGFS GCAM	Net Zero	43488946	76140151	144	425	130	219	108	132
	Divergent Net Zero	-	-	-	-	-	-	-	-
	Below 2°C	44978372	95539539	139	339	126	174	104	105
	Nationally Determined Contributions	46448103	129024844	134	251	122	129	101	78
	Current Policies	47448874	138349824	132	234	119	120	99	73
NGFS MG	Net Zero	43658273	74094387	143	437	130	225	107	136
	Divergent Net Zero	-	-	-	-	-	-	-	-
	Below 2°C	46841293	103194305	133	313	121	161	100	98
	Nationally Determined Contributions	47549962	119617836	131	270	119	139	98	84
	Current Policies	47821292	142673218	131	227	118	117	98	71
OECM	Net Zero	43051619	66866990	145	484	132	249	109	151

Note: The Scenario Alignment has now been updated to NGFS Phase 5 data which no longer maintains the Divergent Net Zero scenario.

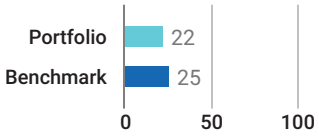
Net Zero Analysis 1 of 2

This report evaluates the portfolio's readiness to transition to a Net Zero by 2050 pathway through the analysis of data disclosure and target-setting; emissions trajectory and Net Zero alignment; and exposure to fossil fuels.

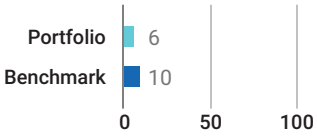
Material GHG Disclosure (%)



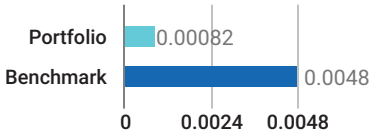
Net Zero Alignment (%)



Fossil Fuel Expansion (%)



Reserves Potential Emissions ($GtCO_2e$)



Emissions Overview

The International Energy Agency's Net Zero Emission by 2050 (NZE2050) scenario provides a framework for analyzing current and future alignment with NZ emissions objectives. Using current-year and forecasted emissions metrics for relative carbon footprint, weighted average carbon intensity, and absolute emissions, the tables below estimate the needed minimum change in emissions performance to achieve NZ trajectory alignment.

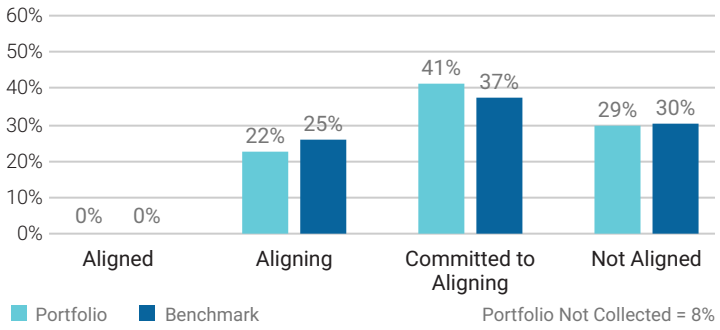
	Relative Carbon Footprint Scope 1				Relative Carbon Footprint Scope 2				Relative Carbon Footprint Scope 3			
	2025	2025	2030	2050	2025	2025	2030	2050	2025	2025	2030	2050
Portfolio	**14.82**	15.77	16.63	25.98	**4.6**	5.81	7.2	18.98	**247.7**	228.93	237.47	357.8
NZE Trajectory	-	12.34	9.24	0	-	3.83	2.87	0	-	206.26	154.46	0
Benchmark	**26.86**	27.23	26.87	36.14	**6.81**	7.59	8.87	20.04	**633.49**	569.76	590.46	875.16

	Weighted Average Carbon Intensity (Scope 1, 2 & 3)				Absolute Emissions (Scope 1, 2 & 3)			
	2025	2025	2030	2050	2025	2025	2030	2050
Portfolio	**946.51**	898.39	938.17	1.48 k	**2.5 M**	2.34 M	2.45 M	3.77 M
NZE Trajectory	-	788.15	590.21	0	-	2.08 M	1.56 M	0
Benchmark	**1.51 k**	1.42 k	1.47 k	2.23 k	**6.24 M**	5.66 M	5.86 M	8.72 M

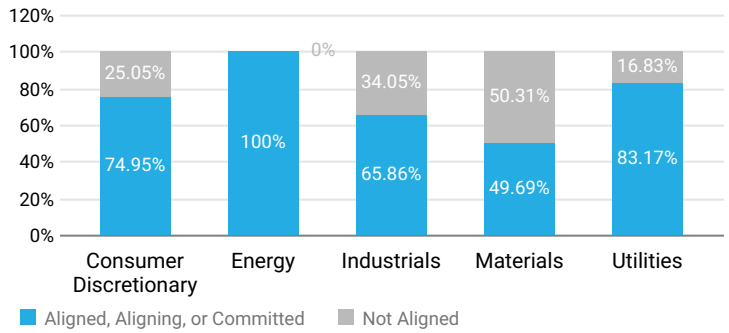
Climate Net Zero Targets

Net Zero targets provide an important indicator of climate awareness and action. Given the current state of disclosure, government policy, and technology, it is impossible to define any entity as "Aligned". An issuer is "Committed to Aligning" if it has set a NZ target for 2050 and "Aligning" if it has a decarbonization strategy and, additionally, set an interim target. An issuer with no targets is considered "Not Aligned".

Target Alignment Status



Alignment per High Impact Sector

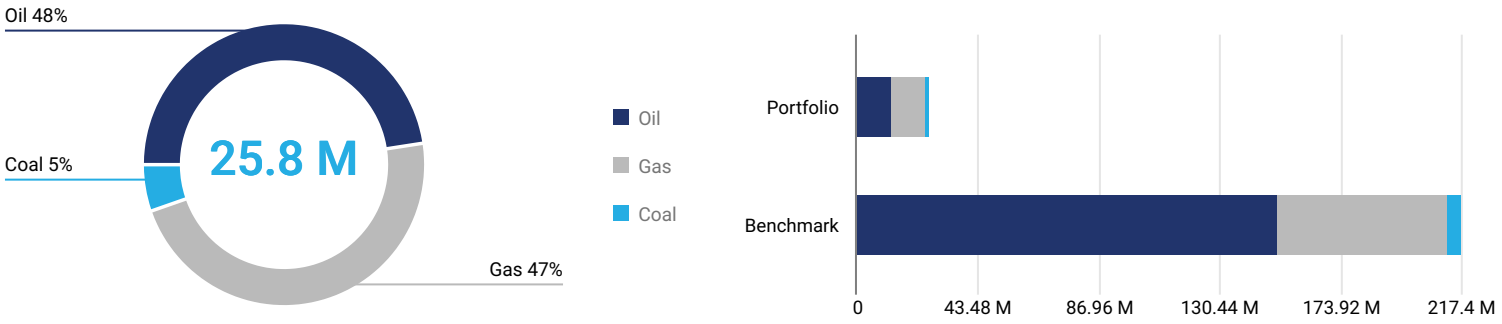


Net Zero Analysis 2 of 2

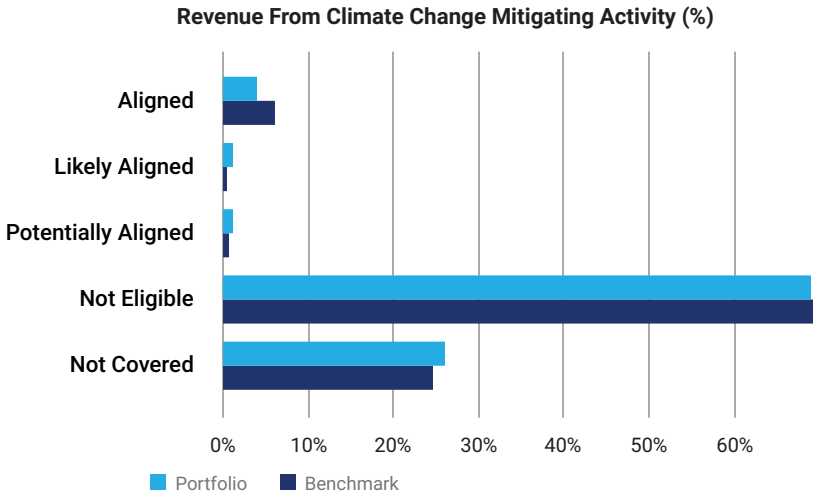
When assessing overall alignment with Net Zero it is vital to determine if the product portfolio of held companies is compatible with the objective of transitioning to a net zero system by 2050. The IEA's NZE2050 scenario states that all expansion of fossil fuel assets after 2021 is incompatible with a net zero future. The graphs below show the revenue linked to fossil fuels and those linked to climate change mitigating activities.

Revenue From Fossil Fuels

The portfolio has 25.8 M GBP revenue linked to fossil fuels, which account for less than 1% of total portfolio revenue. Of the revenue from fossil fuels, 48% is attributed to oil, 47% to gas, and 5% to coal. The portfolio's revenue exposure exceeds the benchmark by a net difference of -88%.



Revenue Eligible for Climate Change Mitigating Activities



The EU Taxonomy defines climate change mitigating activities as those which are directly linked to the avoidance, reduction, or removal of GHGs from the atmosphere. EU Taxonomy "Aligned" revenues are derived from directly reported data, and have passed the substantial contribution, do no significant harm and minimum social safeguards assessments. "Likely Aligned" revenues has the same criteria, however the data is derived from the ISS ESG proxy / modelled assessment. Potentially aligned revenues are again derived from the ISS ESG proxy / modelled assessment, and have only passed the substantial contribution assessment.

Revenues from economic activities outside of climate change mitigation are considered "Not Eligible". Where there is a lack of data to make an assessment, revenues are categorized as "Not Covered".

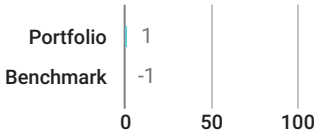
Bottom Five Issuers by Net Zero Target Alignment and Weight

Issuer Name	Portfolio Weight	GICS Sector	Mitigation Revenue	Net Zero Alignment	Fossil Fuel Expansion
Banco Santander SA	2.42%	Financials	0%	Not aligned	No
The Goldman Sachs Group, Inc.	1.21%	Financials	0%	Not aligned	No
Svenska Handelsbanken AB	1.13%	Financials	0%	Not aligned	No
SNAM SpA	1.13%	Utilities	8%	Not aligned	Yes
BPCE SA	1.13%	Not Collected	0%	Not aligned	No

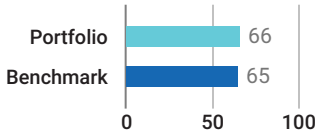
Transition Climate Risk Analysis 1 of 4

Transition opportunities and risks, including carbon pricing, impact investees and portfolio valuations. This analysis estimates a Transition Value at Risk (TVaR) based on the IEA's Net Zero Emissions by 2050 (NZE2050) scenario.

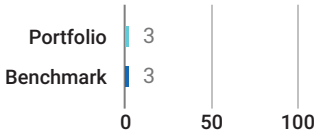
Transition Value at Risk (%)



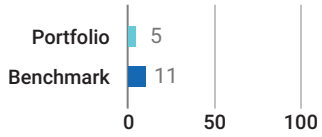
Issuers at Risk (%)



Portfolio Green Revenues (%)

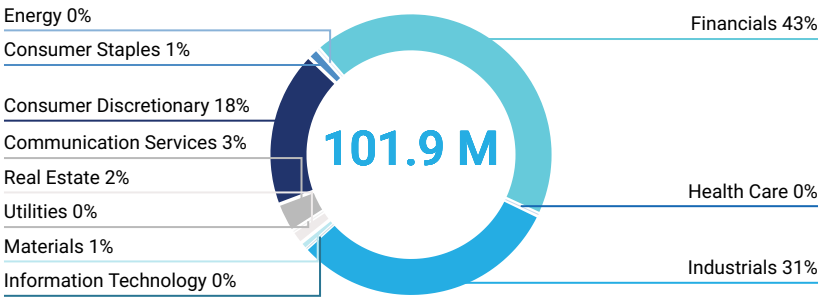


Portfolio Brown Revenues (%)



Portfolio Transition Value at Risk by Sector Based on NZE2050

Portfolio Value at Risk by Sector



The total estimated Transition Value at Risk for the portfolio is 101.9 M GBP based on the NZE2050 scenario. The chart on the left shows the sector-level contribution to the total potential financial impact of transition risks and opportunities on the portfolio. The Value at Risk presented is a net number between the positive and negative potential share price performance in the portfolio. A negative TVaR means positive share price movement.

The Transition (and Physical) VaR is an equity-based analysis, and its output should not be interpreted as the potential change in price of a bond. Nevertheless, the VaR remains a useful metric for fixed income as it is a holistic indicator of the issuer's exposure to Physical or Transition Risks, even if not directly material to the bond price itself.

Worst Five Performers by Transition Value at Risk Based on NZE2050

Issuer Name	Portfolio Weight	GICS Sector	Transition VaR (%)	Sector WAvg TVaR (%)
Admiral Group Plc	1.04%	Financials	67.7%	1.32%
Caterpillar, Inc.	0.01%	Industrials	40.47%	8.74%
United Parcel Service, Inc.	0.06%	Industrials	33.87%	8.74%
Holcim Ltd.	0.01%	Materials	32.05%	23.85%
East Japan Railway Co.	0.98%	Industrials	31.93%	8.74%

Top Five Issuers with the Highest Proportion of Green Revenues

Issuer Name	Portfolio Weight	GICS Sector	Green Revenues (%)	Sector WAvg Green Revenue (%)
Orsted A/S	1.01%	Utilities	85.1%	15.42%
East Japan Railway Co.	0.98%	Industrials	67%	8.83%
Enel SpA	0.05%	Utilities	28.4%	15.42%
Toyota Motor Corp.	0.11%	Consumer Discretionary	28%	4.09%
Apple Inc.	0.88%	Information Technology	20%	9.11%

Transition Climate Risk Analysis 2 of 4

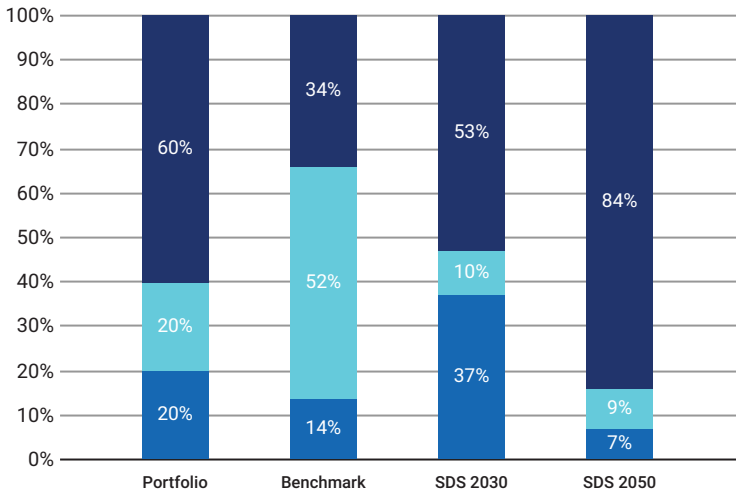
A decarbonized world needs to address both the demand side (for example Utilities burning fossil fuels) and the supply side (i.e. fossil reserves) of future emissions. For Utilities, it matters whether the power generated and power generation planned for the future stem from renewable (green) or fossil (brown) sources. For fossil reserve owning companies, potential future greenhouse gas emissions might indicate stranded asset risk. The Carbon Risk Rating (1-100) provides a view on how well the respective portfolio and benchmark holdings are managing such risks.

Transition Analysis Overview

	Power Generation		Reserves		Climate Performance
	% Generation Output Green Share	% Generation Output Brown Share	% Investment Exposed to Fossil Fuels	Total Potential Future Emissions ($ktCO_2$)	Weighted Avg Carbon Risk Rating
Portfolio	60.3%	19.82%	3.78%	815.32	58
Benchmark	34.2%	13.71%	4.99%	4,771.33	56

Power Generation

Power Generation Exposure
(Portfolio vs. Benchmark vs. Climate Target)



For a decarbonized future economy, it is key to transition the energy generation mix from fossil to renewable sources. Utilities relying on fossil power production without a substitute plan might run a higher risk of getting hit by climate change regulatory measures as well as reputational damages. The graph on the left compares the energy generation mix of the portfolio with the benchmark and a Sustainable Development Scenario (SDS) compatible mix in 2030 and 2050, according to the International Energy Agency. Below, the 5 largest Utility holdings can be compared on fossil versus renewable energy production capacity, their contribution to the overall portfolio greenhouse gas emission exposure and their production efficiency for 1 GWH of electricity.

Fossil Fuels Nuclear Renewables

Top 5 Utilities' Fossil vs. Renewable Energy Mix

Issuer Name	% Fossil Fuel Capacity	% Renewable Energy Capacity	% Contribution to Portfolio Emissions	Emissions tCO_2e Scope 1 & 2 /GWh
Iberdrola SA	27.9%	67.1%	3.53%	67.33
ENGIE SA	38.4%	50.2%	3.5%	115.57
National Grid Plc	80.3%	19.7%	3.34%	-
APA Group	57.7%	42.3%	2.97%	-
SNAM SpA	0%	69.9%	2.19%	-

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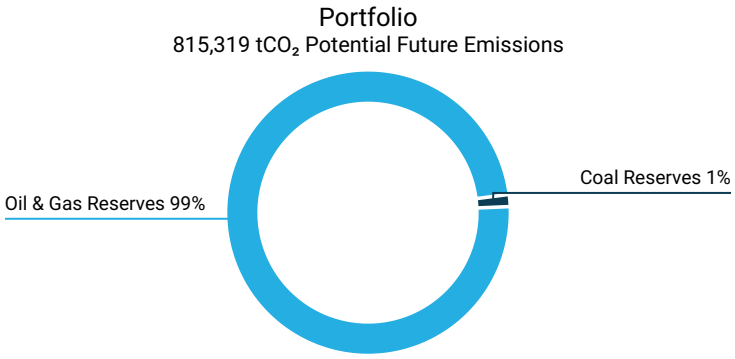
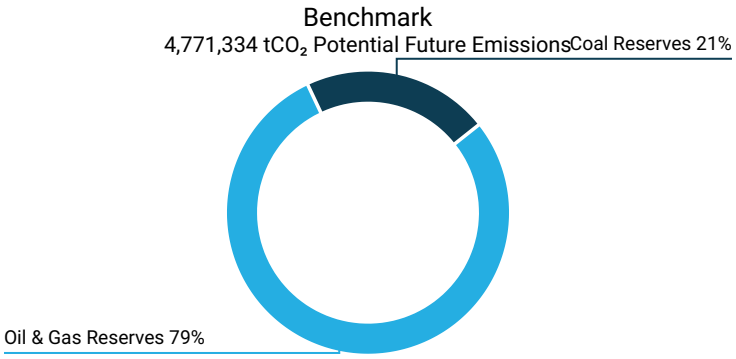
Transition Climate Risk Analysis 3 of 4

For fossil reserve owning companies, potential future greenhouse gas emissions might indicate stranded asset risk, as about 80% of those reserves need to stay in the ground to not exceed 2 degrees Celsius of warming. The portfolio contains 815,319 tCO_2 of potential future emissions, of which 1% stem from Coal reserves, 99% from Oil and Gas reserves. Investor focus is often on the 100 largest Oil & Gas and 100 largest Coal reserve owning companies, to understand the exposure to these top 100 lists.





Exposure to the 100 Largest Oil & Gas and Coal Reserve Owning Assets

Issuer Name	Contribution to Portfolio Potential Future Emissions	Oil & Gas Top 100 Rank	Coal Top 100 Rank
CK Hutchison Holdings Limited	76.49%	78	-
Equinor ASA	7.87%	26	-
BP Plc	6.91%	18	-
Shell Plc	4.16%	15	-
Northern Powergrid Holdings Co.	2.25%	-	-

Unconventional and controversial energy extraction such as “Fracking” and Arctic Drilling is a key focus for investors, both from a transition and a reputation risk perspective.

Exposure to Controversial Business Practices

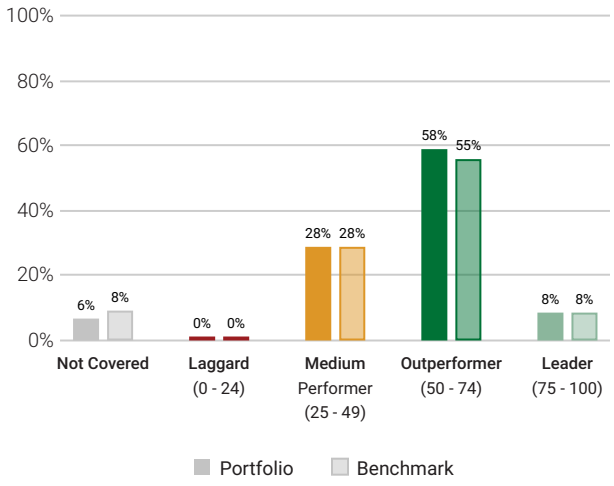
Issuer Name	Portfolio Weight	Arctic Drilling	Hydraulic Fracturing	Oil Sands	Shale Oil and/or Gas
CK Hutchison Holdings Limited	1.1%	-	Production	Production,Services	Production
BP Plc	0.04%	-	Production	Production	Production
Equinor ASA	0.03%	-	Production	-	Production
Shell Plc	0.02%	-	Production	Production	Production
Compagnie de Saint-Gobain SA	0.02%	-	Services	-	Services

Transition Climate Risk Analysis 4 of 4

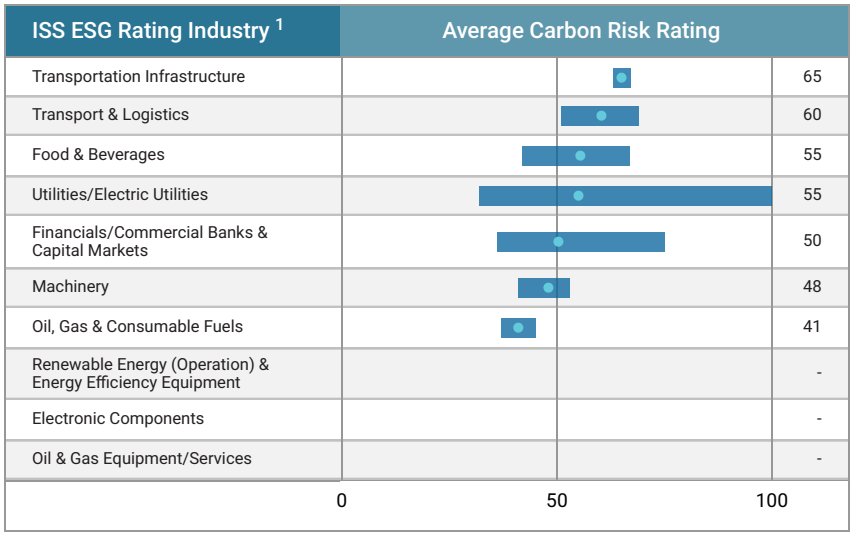
Portfolio Carbon Risk Rating

The Carbon Risk Rating (CRR) assesses how an issuer is exposed to climate risks and opportunities, and whether these are managed in a way to seize opportunities, and to avoid or mitigate risks. It provides investors with critical insights into how issuers are prepared for a transition to a low carbon economy and is a central instrument for the forward-looking analysis of carbon-related risks at portfolio and issuer level.

CRR Distribution Portfolio vs. Benchmark



Avg Portfolio CRR and Spread for Selected ISS ESG Rating Industries



Top 5 [2]	Country	ISS ESG Rating Industry	CRR	Portfolio Weight (consol.)
Orsted A/S	Denmark	Electric Utilities	100	1.01%
AstraZeneca PLC	United Kingdom	Pharmaceuticals & Biotechnology	89	0.31%
GSK Plc	United Kingdom	Pharmaceuticals & Biotechnology	83	0.53%
International Business Machines Corporation	USA	IT Consulting & Other Services	83	0.01%
Schroders Plc	United Kingdom	Asset Management & Brokerage	83	0.01%

Bottom 5 [2]	Country	ISS ESG Rating Industry	CRR	Portfolio Weight (consol.)
Toyota Motor Corp.	Japan	Automobile	34	0.11%
Centrica Plc	United Kingdom	Electric Utilities	32	0.02%
Rio Tinto Plc	United Kingdom	Mining & Integrated Production	27	0.01%
Leeds Building Society	United Kingdom	Mortgage & Public Sector Finance	25	0.2%
Berkshire Hathaway Inc.	USA	Multi-Sector Holdings	21	0.34%

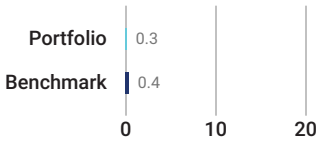
Climate Laggard (0 - 24) Climate Medium Performer (25 - 49) Climate Outperformer (50 - 74) Climate Leader (75 - 100)

[1] The proprietary ISS ESG Rating industry Classification is intended to group companies from an ESG perspective and might differ from other classification systems.
[2] Multiple issuers may have the same CRR value. In the event the Top 5 and Bottom 5 tables have more than one issuer in the last position due to a tie in CRR values, the weight of the issuers in the portfolio will determine the issuer assigned to the table.

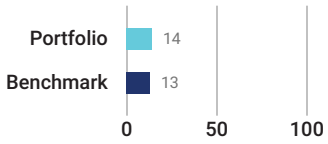
Physical Climate Risk Analysis 1 of 4

Even if limited to 2° Celsius, rising temperatures will change the climate system, including physical risks such as floods, droughts, or storms. This analysis evaluates the most financially impactful climate hazards and how they might affect the portfolio value.

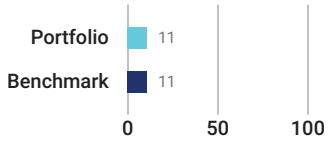
Portfolio Value at Risk (% change)



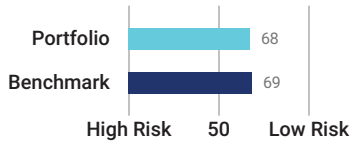
Issuers at Risk (%)



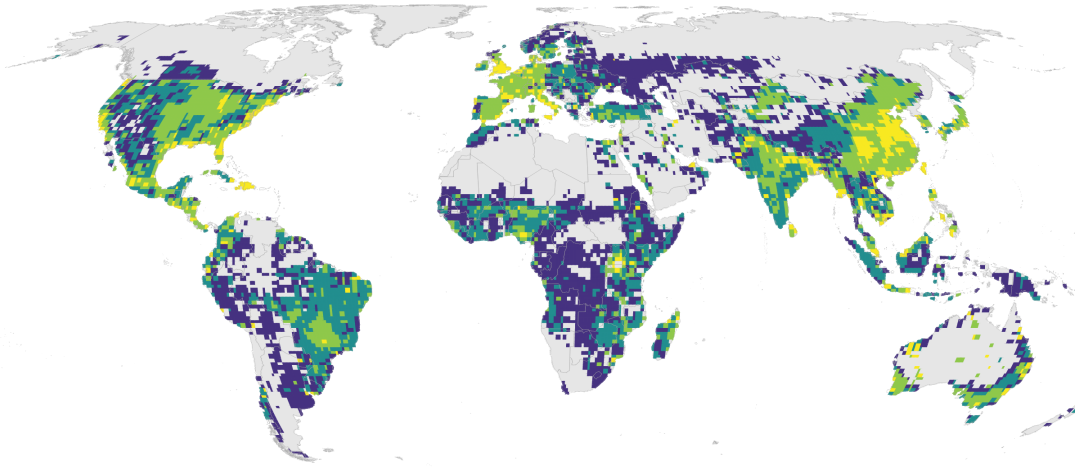
Issuers at Risk with Tenable Management Strategies (%)



Physical Risk Score



Physical Risk Exposure per Geography



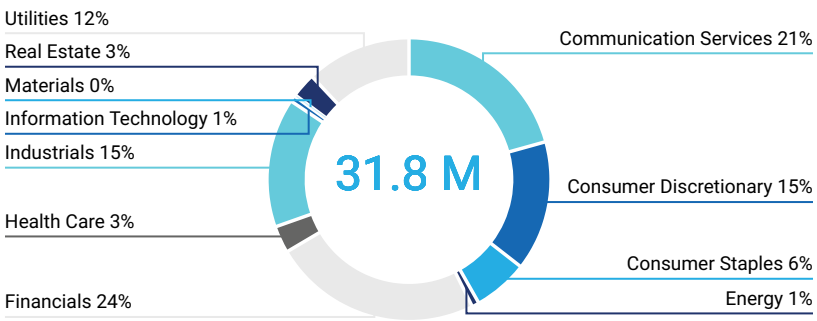
Highest
High
Moderate
Light
None

This map shows the portfolio's physical risk exposure by 2050 in a likely warming scenario.

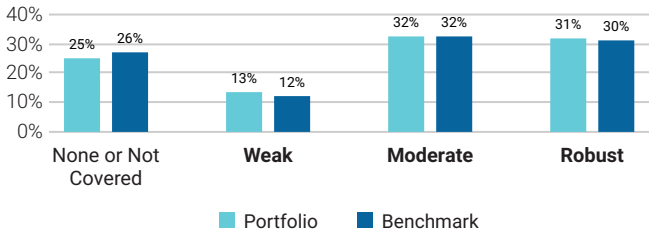
Portfolio Value at Risk and Physical Risk Management

Physical climate risk may affect the value of a company and a portfolio. The chart on the left quantifies the potential financial implications on a sector level. Such financial implications from physical effects of climate change can be addressed by adopting appropriate strategies. The chart on the right provides an overview of the robustness of risk management strategies for the portfolio holdings.

Portfolio Value at Risk by Sector



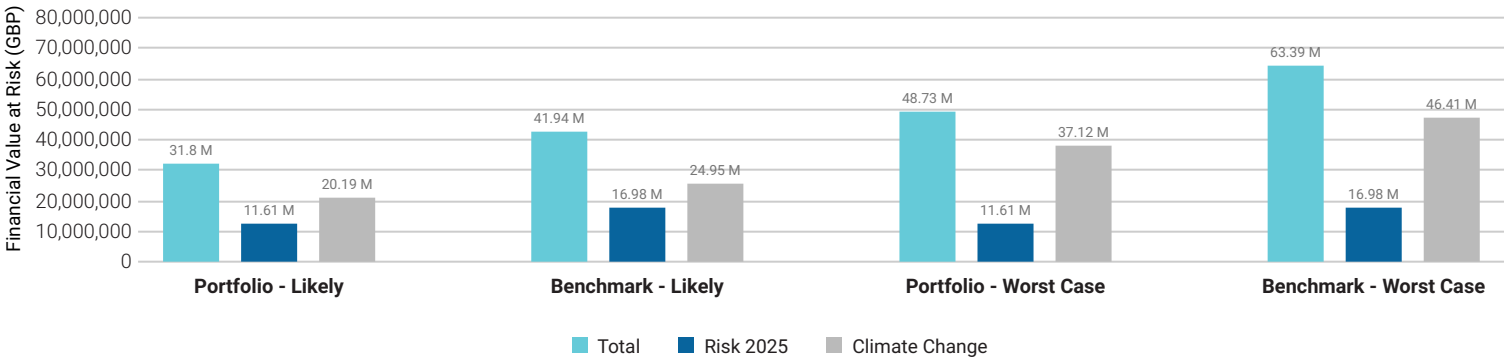
Physical Risk Management



Physical Climate Risk Analysis 2 of 4

Change in Portfolio and Benchmark Value due to Physical Risk by 2050

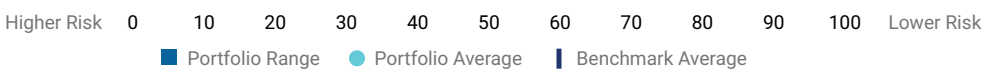
Physical risk can impact future portfolio value. The chart below highlights potential impact on the portfolio value in 2050 based on current risk levels (Risk 2025), and hazards due to climate change (Climate Change), along with total anticipated net change in value. The analysis compares the portfolio to the benchmark using both the likely and worst case scenarios.



Physical Risk Assessment per Sector

For key sectors, this chart provides the portfolio's overall physical risk score distribution as well as the average score. This is contrasted with the benchmark's average physical risk score and complemented by the sector impact on the portfolio's potential value change in a likely scenario.

Sector	Range and Averages	Portfolio Avg Score	Benchmark Avg Score	Portfolio Value Change
Health Care		51	52	<0.1%
Consumer Staples		57	64	<0.1%
Information Technology		59	72	<0.1%
Communication Services		60	56	<0.1%
Energy		60	62	<0.1%
Consumer Discretionary		62	66	<0.1%
Industrials		64	61	<0.1%
Financials		65	67	<0.1%
Utilities		77	86	<0.1%
Real Estate		90	91	<0.1%
Materials		92	68	<0.1%
Other		-	-	0%

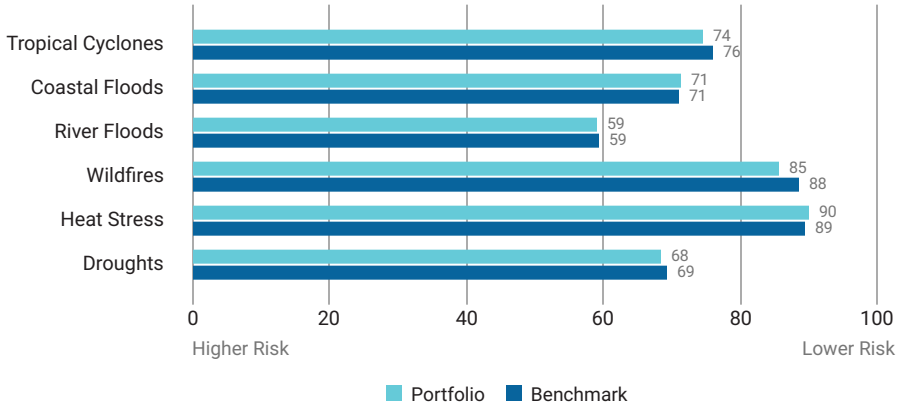


Portfolio Range Portfolio Average Benchmark Average

Physical Climate Risk Analysis 3 of 4

Physical Risk Score per Hazard

The portfolio is exposed to different natural hazards in different geographies which can affect the value of the portfolio and the benchmark. The chart on the right evaluates the change in financial risk due to six of the most costly hazards for a likely scenario. A low score indicated a large increase in physical risks, while a high score reflects a minimal increase in physical risks.



Top 5 Portfolio Holdings — Physical Risk and Management Scores

With physical risks of climate change unfolding, it is key to understand if and how portfolio holdings are addressing such risks. The Physical Risk Management Score gives an indication for the robustness of the measures in place. The table shows the largest portfolio holdings with their Physical Risk and Risk Management scores. A higher Physical Risk Score reflects a lower risk and a higher Management Score indicates a better management strategy.

Issuer Name	Portfolio Weight	Sector	Overall Physical Risk Score	Risk Mgmt Score
HSBC Holdings Plc	3.35%	Financials	42	Moderate
Lloyds Banking Group Plc	2.84%	Financials	100	Weak
Banco Santander SA	2.42%	Financials	48	Moderate
Prudential Plc	2.22%	Financials	20	Moderate
United Utilities Group Plc	1.95%	Utilities	80	Robust

Physical Climate Risk Analysis 4 of 4

Top 10 Portfolio Holdings by Highest Overall Risk Exposure with Hazard Scores (Likely Scenario)

The Physical Risk Score of each holding is impacted by the projected change in exposure to individual hazards. The table below shows the portfolio holdings that will see the most increase in risk and the potential hazards contributing to this risk in a likely scenario. A low score reflects a large projected increase in Physical Risks, while a high score reflects a minimal increase in Physical Risks.

Issuer Name	Overall Physical Risk	Tropical Cyclones	Coastal Floods	River Floods	Wildfires	Heat Stress	Droughts	Risk Mgmt Score
Prudential Plc	20	42	49	47	100	100	50	Moderate
Standard Chartered Plc	30	46	47	45	100	100	45	Moderate
Bank of China Limited	35	31	58	48	100	100	50	Not Covered
QBE Insurance Group Limited	36	47	49	51	100	100	100	None
Inchcape Plc	39	100	100	67	100	100	25	Robust
DP World Ltd.	40	67	53	44	50	60	50	Robust
Investec Plc	40	100	100	54	100	100	100	Robust
America Movil SAB de CV	40	35	57	42	44	63	26	Not Covered
FirstRand Ltd.	41	100	100	57	100	100	37	Robust
Hiscox Ltd.	41	100	100	100	100	100	50	Moderate

Methodology

The Climate Impact Report provides an overview of a portfolio's Carbon Footprint as well as its climate-related risks and impact including Scenario Alignment, Physical Risk, Transition Risk, Carbon Risk Rating and Net Zero. For detailed methodology documents on these research areas please contact ISS Sustainability Client Success.

Report Coverage
The Climate Impact Report analyzes holdings that have data for all of the following factors:
a) Total (Scope 1 & 2) Emissions
b) Total (Scope 1 & 2) Emissions Intensity
c) Adjusted Enterprise Value (AEV) / Market Cap

Attribution Factor
Attribution Factor refers to the calculation method used to determine ownership share in a given position. This is determined by the ratio of the outstanding amount invested against the overall value of the company. The Climate Impact Report allows users the flexibility to choose between Market Capitalization or Adjusted Enterprise Value as the Attribution Factor for calculating financed emissions. Adjusted Enterprise Value (AEV) is equivalent to Enterprise Value Including Cash (EVIC) recommended by the Partnership for Carbon Accounting Financials (PCAF) for calculating ownership.

Latest Available Emissions
Latest available emissions factors expose the latest available modelled or reported emissions values for companies, providing a dataset that blends reporting years based on the latest available information. The purpose is to provide a parallel set of emissions data that are continuously updated and made available as data reported by companies becomes available.

PCAF
The Partnership for Carbon Accounting Financials (PCAF) is an industry-led initiative that has created a series of approaches for investors to measure and report their financed emissions. Additionally, the PCAF Financed Emissions Standard provides guidance on data quality scoring per asset class, ranging from reported emissions, estimated emissions using physical activity-based emissions, and estimated emissions using economic activity-based emissions.

ISS is not affiliated with PCAF and the PCAF inspired scores are ISS' assessment of disclosure quality based on PCAF guidelines. It does not reflect any endorsement or collaboration with PCAF.

Emissions Attribution Analysis
Emissions attribution analysis examines the impact of sector allocation and issuer selection on a portfolio's greenhouse gas emissions. The report leverages the Brinson, Hood, and Beebower (BHB) model approach to identify which investment decisions led to an increase or decrease in emissions exposure of the portfolio vs the benchmark.

The attribution analysis identifies three effects:

Allocation Effect: Increase/decrease in portfolio emissions due to the decision to overweight or underweight a sector compared to the benchmark.
Selection Effect: Increase/decrease in a sector's emissions due to the issuers selected within a sector compared to the benchmark. This effect identifies the impact of the decision to select issuers different from the issuers within the benchmark per sector.
Interaction Effect: Increase/decrease in portfolio emissions due to the interaction of the sector allocation and issuer selection decisions. This effect identifies the impact created by interaction of the two decisions that cannot be clearly assigned to only the sector allocation or issuer selection decision (but is an outcome of the interaction of the two decisions).

Scope 3 Peer Average Intensity
Average peer intensities for Scope 3 emissions are currently not calculated due to limited number of reporting issuers.

Formatting and Rounding
Within charts in this report, figures larger than 1000 are formatted as 1K, 1M, 1B to represent thousands, millions and billions respectively.

Due to rounding, 'Totals' in tables may not exactly match column totals in some cases.

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