

Multi-Asset



# Uni-Global - Cross Asset Navigator












ESG REPORT

December 2022





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# Equities

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# PORTFOLIO INTRODUCTION

Morningstar Sustainability Rating



High

▶ Portfolio: **Uni-Global - Cross Asset Navigator**

▶ Benchmark: **MSCI All Countries World**

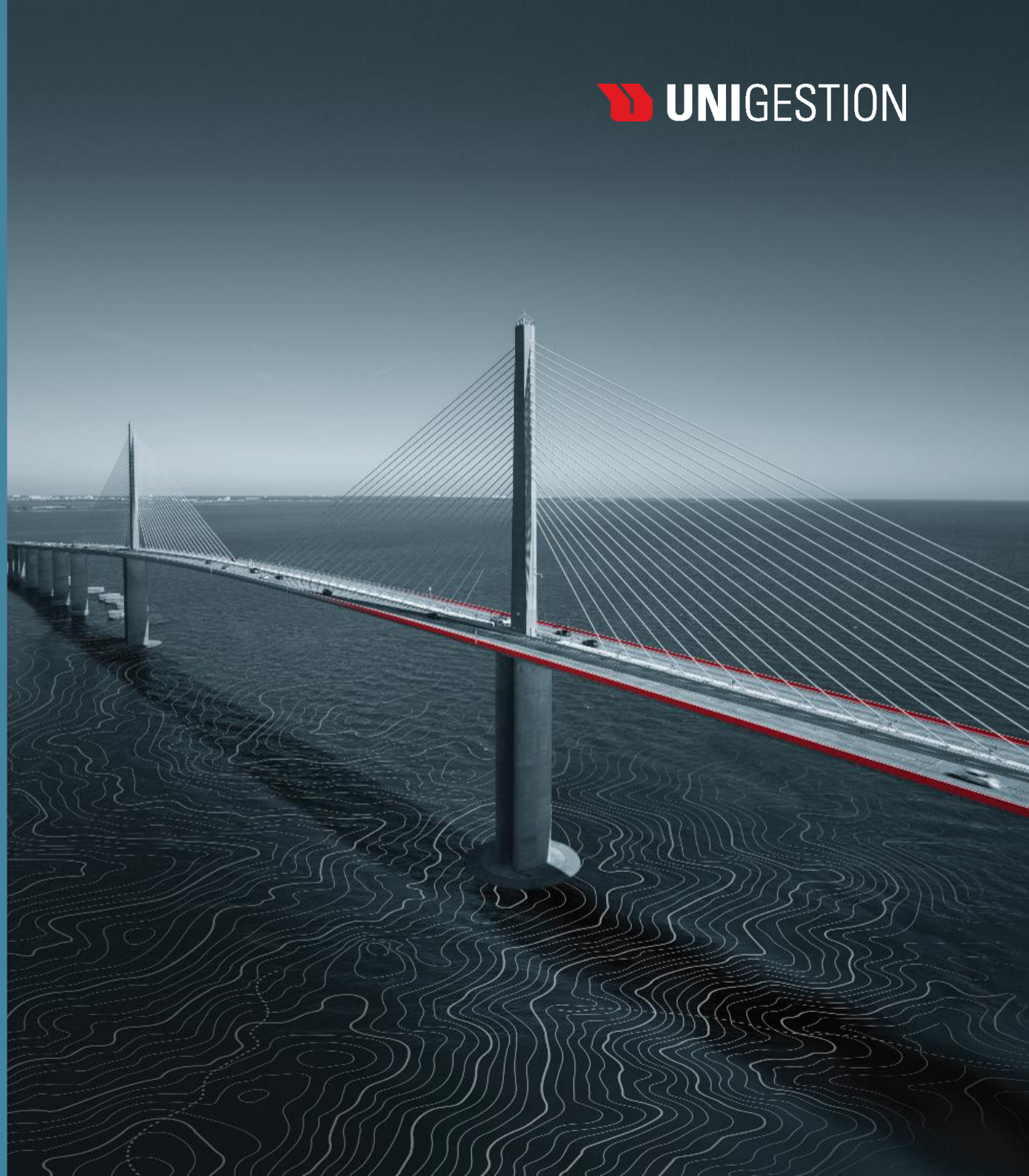
▶ Investment Universe: **MSCI All Countries World**

▶ Currency: **USD**



ESG

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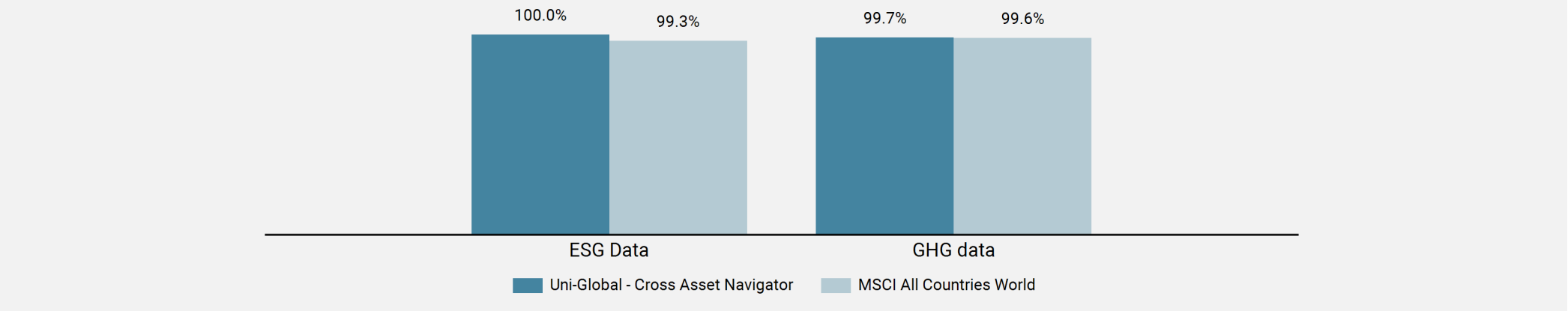




# ESG AND GHG

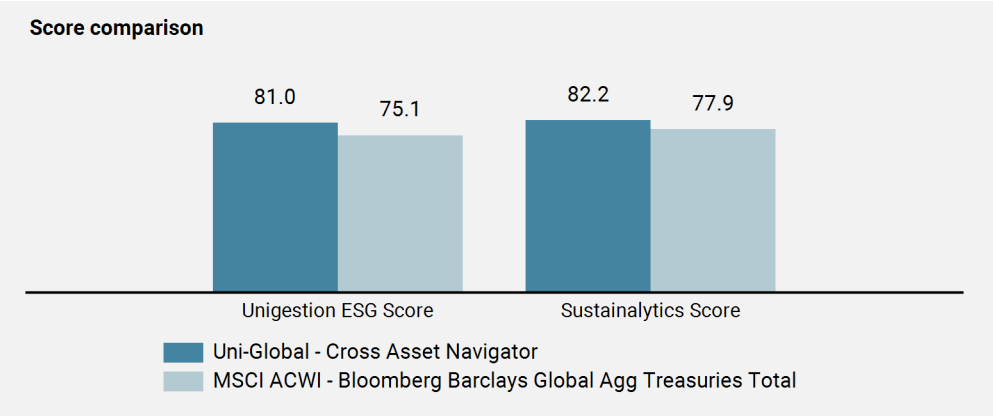
## Data Coverage

Data coverage is defined as the sum of the weight in portfolio and index with available data for each vendor.



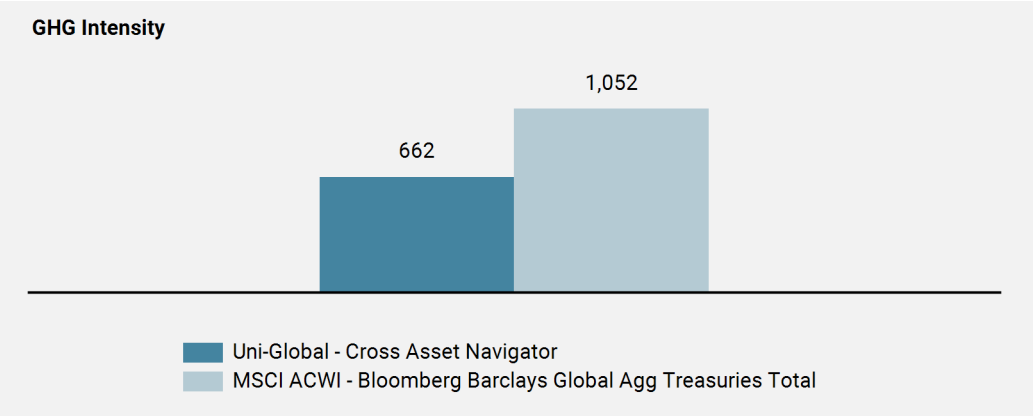
## ESG Score and GHG Intensity

ESG Score for Equities is the weighted average of company weights in the fund / index and the ESG score by company.



Source: Unigestion, Sustainalytics

Total carbon emission divided by revenues (tons of CO2 equivalent by USD millions of revenue). Scope 1 Emissions (Direct Emissions) + Scope 2 Emissions (Emissions of Energy Suppliers) + Scope 3 Emissions (Emissions of Supply Chain).



Source: Unigestion, TruCost



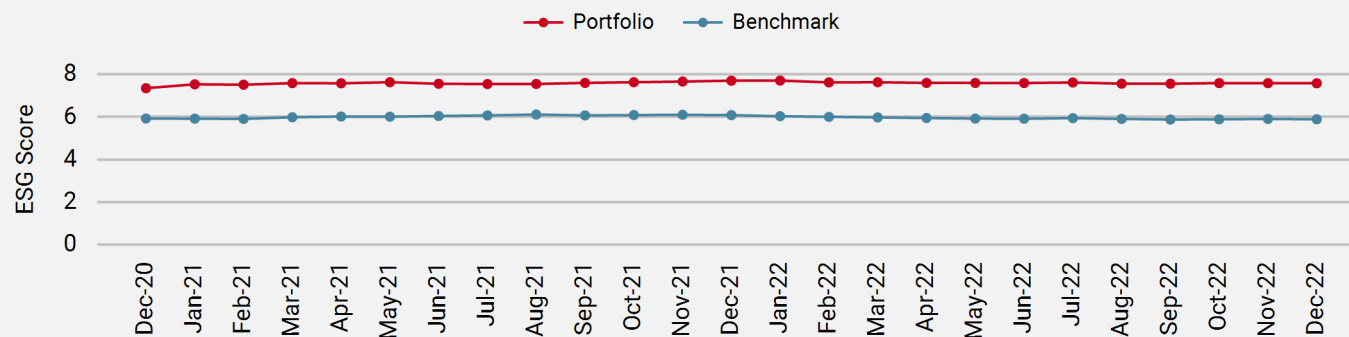
# ESG

## Material ESG Issues and Opportunities

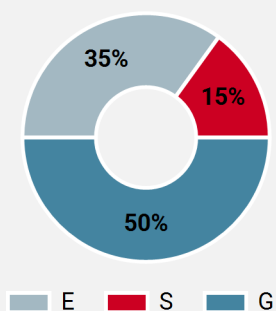
### ESG Score<sup>1</sup> by Pillar

Score	Portfolio	Benchmark
E	7.31	5.83
S	6.67	5.18
G	7.48	5.92
<b>ESG</b>	<b>7.43</b>	<b>5.81</b>
Coverage	100.0%	100.0%

### Historical ESG Score



### Weighting Scheme



### ESG Trend<sup>2</sup>

	Portfolio	Benchmark
Positive	4.48%	7.63 %
Stable	94.75%	90.95 %
Negative	0.76%	0.75 %
Not Rated	0.01%	0.66 %
	100.0%	100.0%

<sup>1</sup> Unigestion ESG Score (stock level) is a proprietary computation shown in percentile (10 is the best, 0 being the worst). The score is aggregated based on position weight.

<sup>2</sup> Negative (positive) trend indicates downgrade (upgrade) in ESG score. If no noteworthy change, the trend is considered to be stable. Portfolio ESG trend is computed on position weight basis.

**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

Sources: Unigestion, MSCI, Sustainalytics



# ESG

## Distribution of ESG Scores

### ESG Score by Category

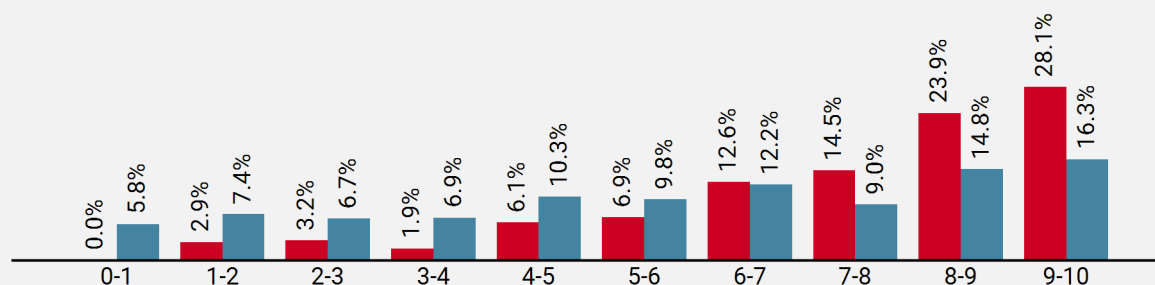
	Portfolio	Benchmark
Leader	51.92%	31.10 %
Outperformer	27.13%	21.25 %
Average	13.01%	20.12 %
Underperformer	5.03%	13.59 %
Laggard	2.90%	13.28 %
Not Rated	0.01%	0.66 %

### ESG Score Breakdown by Sector

Sector	Leader	Outperformer	Average	Underperformer	Laggard	Not Rated
Communication Services	4.20%	1.98 %	0.48%	0.61%	-	0.01%
Consumer Discretionary	7.45%	1.68 %	1.51%	0.12%	1.10%	-
Consumer Staples	0.20%	0.88 %	0.91%	0.44%	0.35%	-
Energy	-	-	0.50%	-	0.43%	-
Financials	7.68%	9.23 %	0.51%	0.25%	-	-
Health Care	1.60%	1.73 %	3.17%	0.38%	-	-
Industrials	4.06%	6.56 %	2.52%	1.98%	0.81%	-
Information Technology	19.40%	3.14 %	1.77%	0.52%	-	-
Materials	1.50%	-	0.70%	0.72%	0.07%	-
Real Estate	4.92%	0.32 %	-	-	-	-
Utilities	0.92%	1.61 %	0.93%	-	0.13%	-

### ESG Score Distribution

Portfolio  
Benchmark



Above table shows the ESG score distribution of the portfolio compared to that of the benchmark.  
**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

Sources: Unigestion, MSCI, Sustainalytics





## Best/Worst Contributors

Best	Rank	Name	Sector	Weight	Company ESG Score	Portfolio ESG Contribution	Relative Position
	1	Microsoft Corp	Information Technology	2.82%	9.06	0.26	Leader
	2	Apple Inc	Information Technology	2.22%	9.00	0.20	Leader
	3	Zurich Insurance Group AG	Financials	1.21%	8.36	0.10	Leader
	4	Deutsche Telekom AG	Communication Services	1.10%	8.28	0.09	Leader
	5	NVIDIA Corporation	Information Technology	0.98%	9.16	0.09	Leader

Worst	Rank	Name	Sector	Weight	Company ESG Score	Portfolio ESG Contribution	Relative Position
	1	JD.com Inc	Consumer Discretionary	0.02%	5.14	0.00	Average
	2	Cemex SAB de CV	Materials	0.07%	1.70	0.00	Laggard
	3	AES Corp (The)	Utilities	0.13%	1.12	0.00	Laggard
	4	Plug Power Inc	Industrials	0.07%	2.70	0.00	Underperformer
	5	Bloom Energy Corp	Industrials	0.07%	4.79	0.00	Average

Best (worst) performers in terms of contribution to portfolio ESG score, where the score is aggregated on the basis of weight. Stocks are ranked from best to worst in terms of their contribution, where higher contribution corresponds to better performance. Portfolio ESG Contribution is quoted as the increase in portfolio ESG score from investment in the stock.

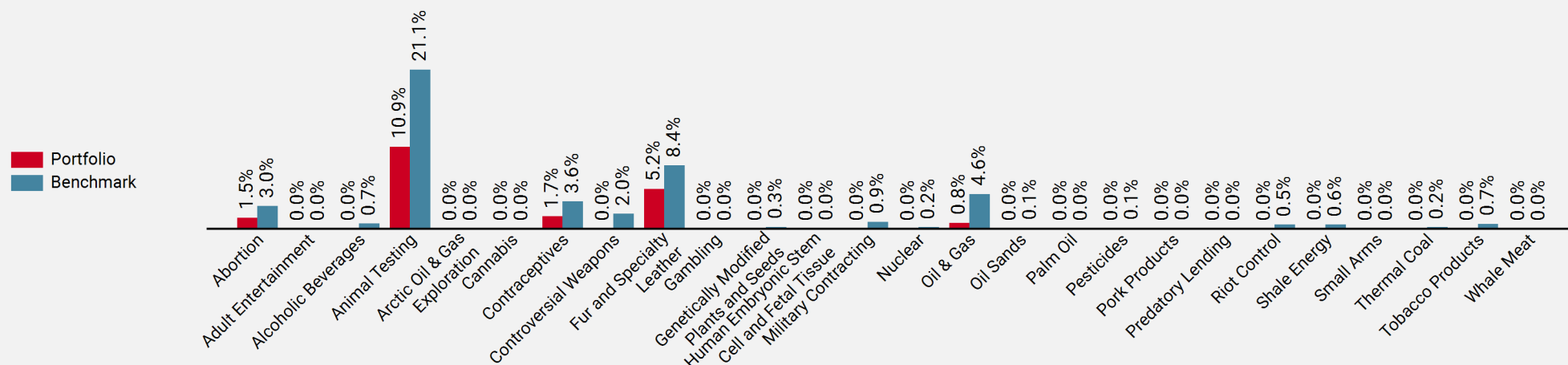
Sources: Unigestion, MSCI, Sustainalytics



# ESG

## Controversial Business Activities

Controversial Activities Breakdown (%)



### Tobacco

	Portfolio	Benchmark
Production	-	0.67 %
Related Products & Services	0.01%	0.01 %
Retail	0.07%	0.09 %

### Oil & Gas

	Portfolio	Benchmark
Energy Generation	0.05%	0.42 %
Production	0.65%	4.00 %
Supporting Products/Services	0.52%	0.60 %

Note: Company level involvement in the business activity is the share of revenue made from said business activity. The total levels for each involvement is the weighted average of involvement levels in percentage of revenue and weight of the portfolio or benchmark. Exposure levels below 10% of revenue share are treated as insignificant.

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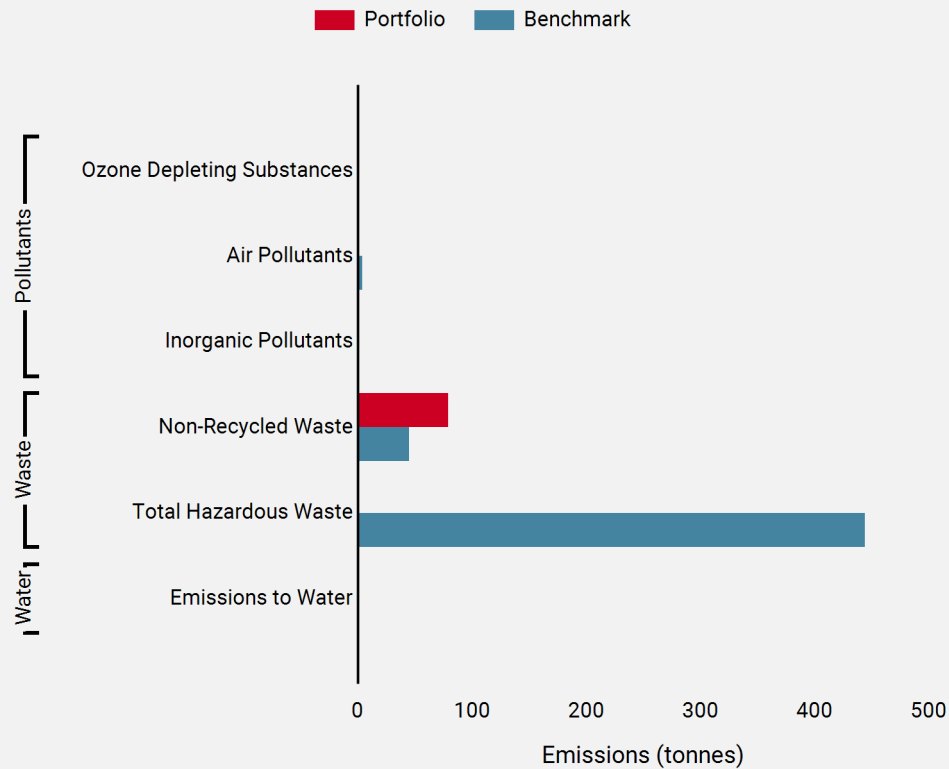
Sources: Unigestion, MSCI, Sustainalytics



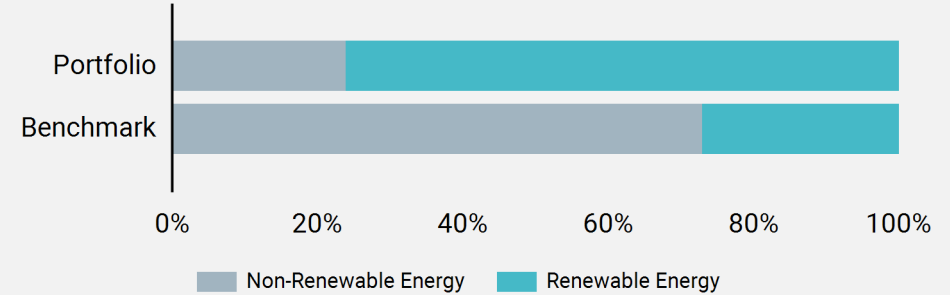
# ESG

## Climate KPIs (ex GHG Emissions)

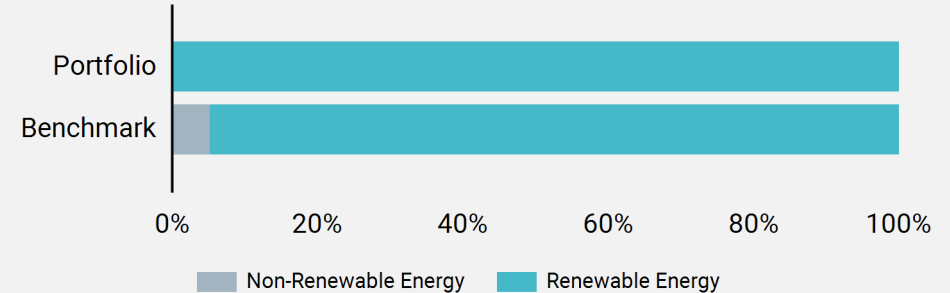
### Pollutants, Waste & Emissions to Water



### Energy Production



### Energy Consumption



Note: Emissions to water include acid and metal emissions, nutrients and organic pollutants, as well as pesticides and fertilizers. Exposure is computed based on ownership. All emissions are measured in tonnes.

Energy production/consumption for renewable and non-renewable sources are expressed in GWh and apportioned to portfolio based on ownership.

**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

Sources: Unigestion, MSCI, Trucost

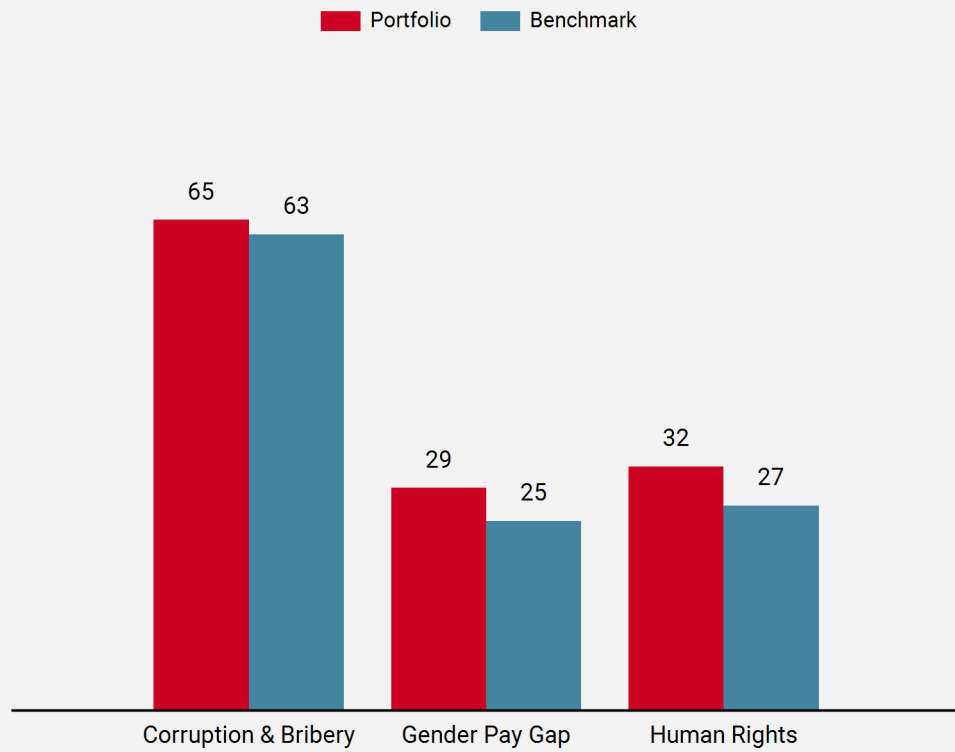




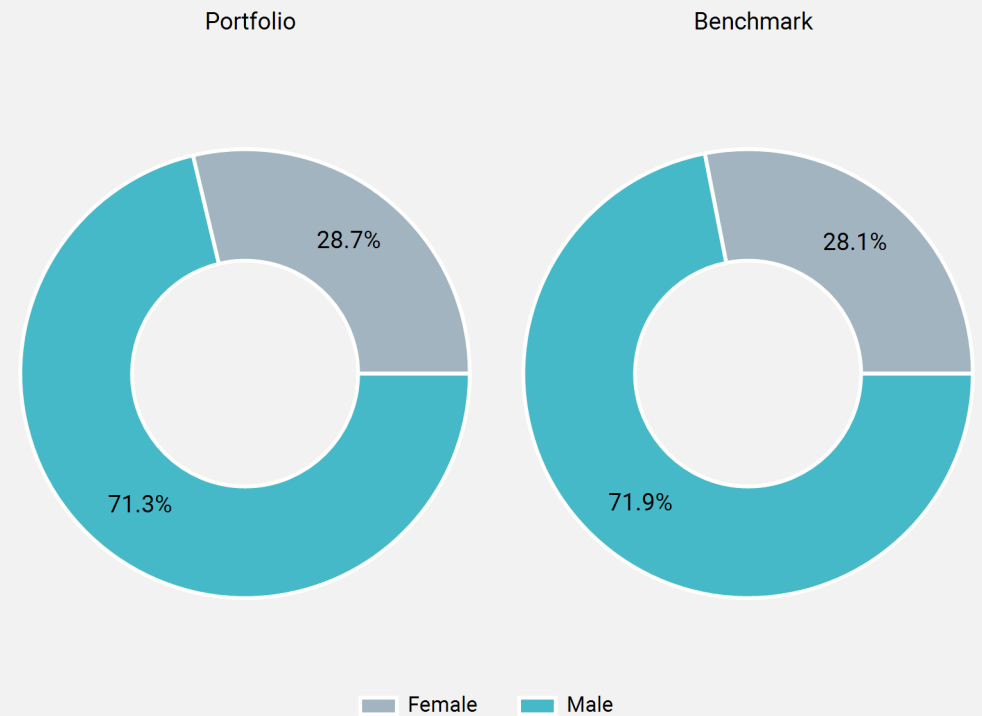
# ESG

## Social KPIs

### Social KPIs<sup>1</sup>



### Board Composition by Gender



<sup>1</sup> Score-based social KPIs: corruption & bribery and gender pay gap. Company level score is between 0 and 100, where higher score indicates better performance. The total score is the weighted average of the constituent scores.

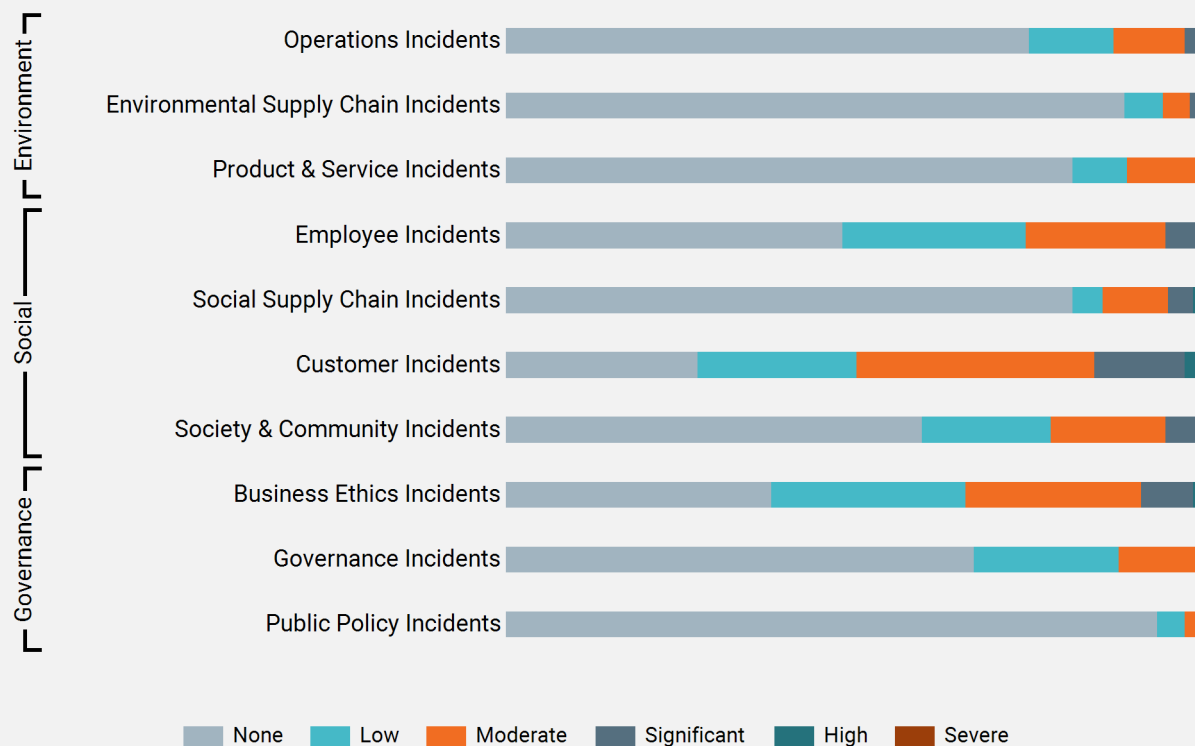
**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

Sources: Unigestion, MSCI, Trucost



## Controversies

### Controversy<sup>1</sup> breakdown of Portfolio Constituent



### Controversy by Category (# of companies)

	Portfolio	Benchmark
Severe	-	18
High	6	68
Significant	52	331
Moderate	103	973
Low	60	607
None	31	856
No Coverage	1	29

### UN Global Compact<sup>2</sup> (% based on weight)

	Portfolio	Benchmark
Compliant	95.87%	89.25 %
Watchlist	4.13%	8.57 %
Non-Compliant	-	1.77 %
No Coverage	-	0.41 %

<sup>1</sup> Controversy categories (5): low, moderate, significant, high and severe. Chart displays controversy breakdown by constituents. The category 'none' indicates no controversy at company level.

<sup>2</sup> Compliance check with UN Global Compact (10 principles). 'Watchlist': risk of contributing to severe or systemic and/or systematic violations of the principles.

**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

Sources: Unigestion, MSCI, Sustainalytics



# ESG

## Exclusions

Our Responsible Investment Policy considers two pillars of bottom-up considerations:

### Pillar I: Norm-Based Screening

Exclude companies associated with key social or environmental issues. According to the European Sustainable Investment Forum, it is the “screening of investments according to their compliance with international standards

### Pillar II: Exclusionary Screening

Exclude companies from an investment universe based on our expectations regarding specific ESG-related risks.

Exclusions	Companies <sup>1</sup>	Weight <sup>2</sup>
Pillar I	Adult Entertainment	-
	Controversial Weapons	23
	Predatory Lending	-
	Thermal Coal	59
	Tobacco	10
	UNGC Non-compliant	30
Pillar II	High-carbon Emitters	94
	Non-covered	85
	Severe Controversy	18
	Worst-in-class	154
Total (unique)		473
Universe		2882
% Universe		16.41%
		12.77%

<sup>1</sup> Number of companies excluded as a result of screening

<sup>2</sup> Weight excluded as a result of screening

**Universe** refers to MSCI All Countries World.

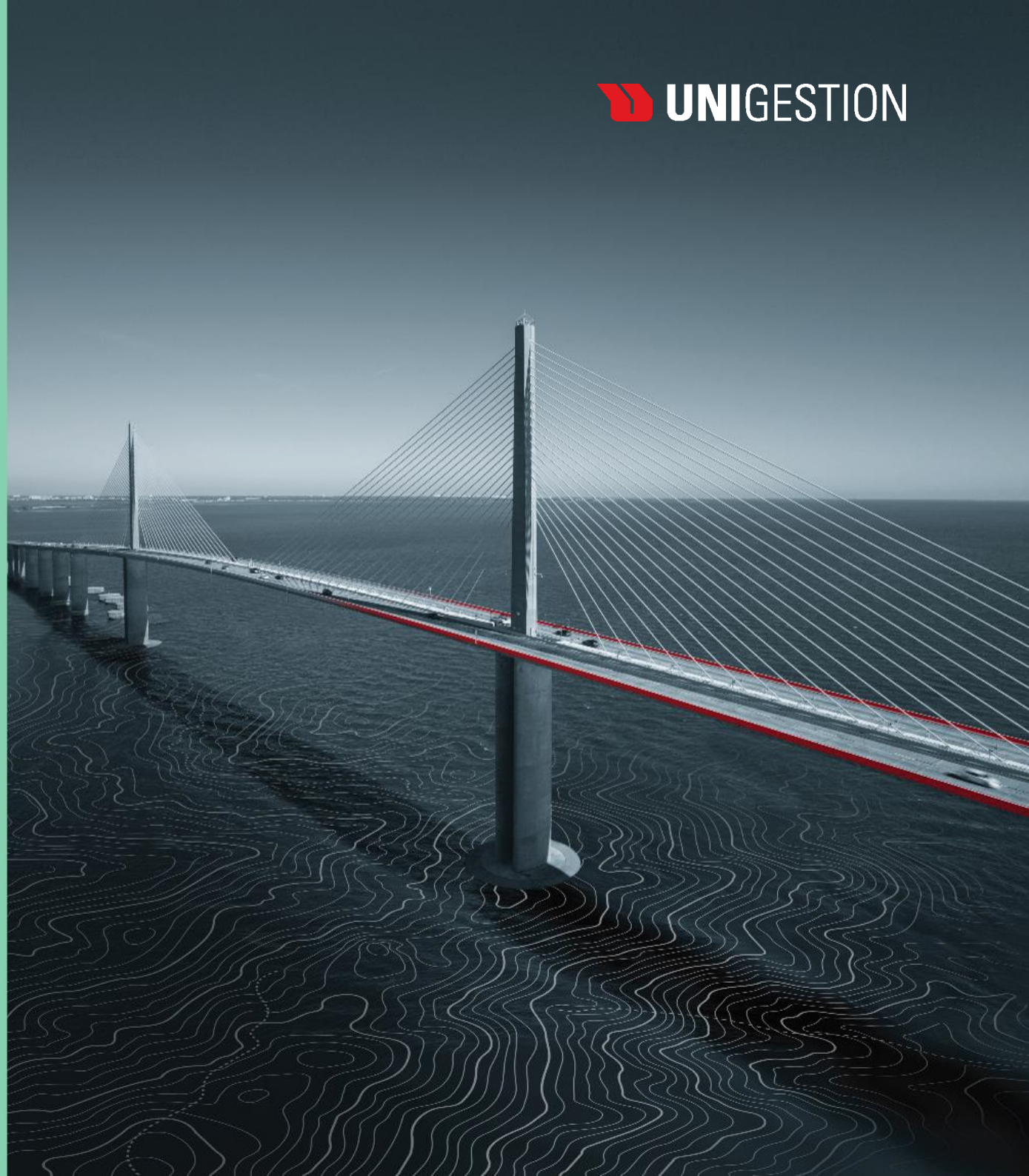
Sources: Unigestion, MSCI, Sustainalytics





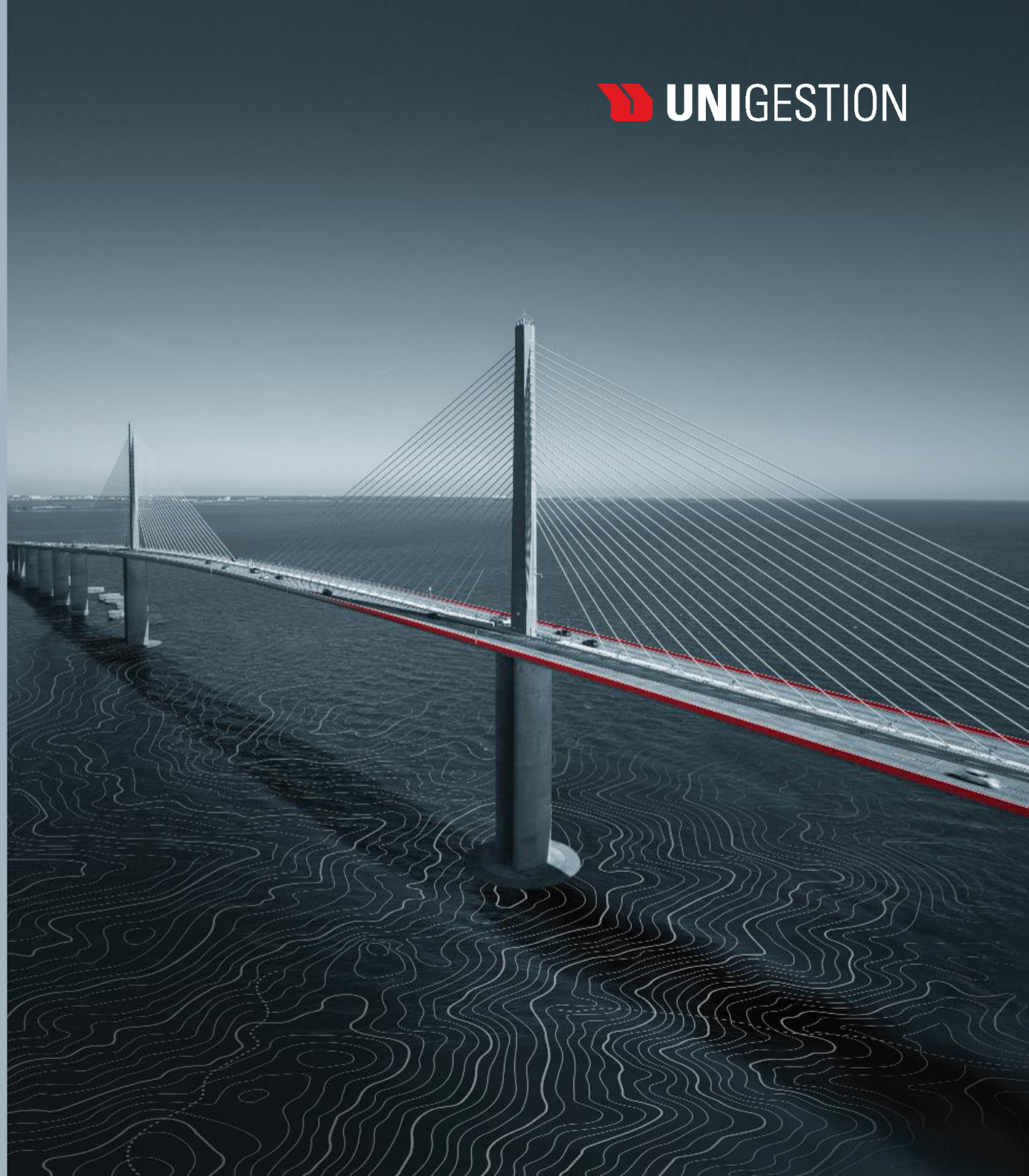
# TCFD Reporting

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# Current Emissions

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# CURRENT EMISSIONS

## Introduction

The aim of this section is to assess the carbon performance of the portfolio. Firstly, the greenhouse gas (GHG) emissions held within the portfolio are quantified. This is done by apportioning company level GHG emissions to portfolio by ownership. In other words, if the portfolio holds x% of a company, it also holds x% of its emissions. Compared to using pure weights, this computation method paints a more accurate picture of portfolio emissions. To enable cross-company comparison in terms of emissions, GHG intensity is also presented. This metric counts GHG emissions as a multiple of revenue, correcting for possible company size bias.

Emissions are quoted in tonnes of CO2 equivalents (tCO2e) and apportioned by ownership. Ownership is the ratio of value of holdings to market capitalization or enterprise value. Emissions include scopes 1, 2 and 3 (upstream and downstream).

Scope 1 emissions for a company are considered to be estimated when they are not disclosed and therefore have to be modelled.

GHG intensity is the total scopes 1, 2 and 3 (upstream and downstream) emissions normalized by company revenues and then aggregated using weighted-average carbon intensity (WACI) method (sums product of each holding's weight with the company level GHG Intensity).

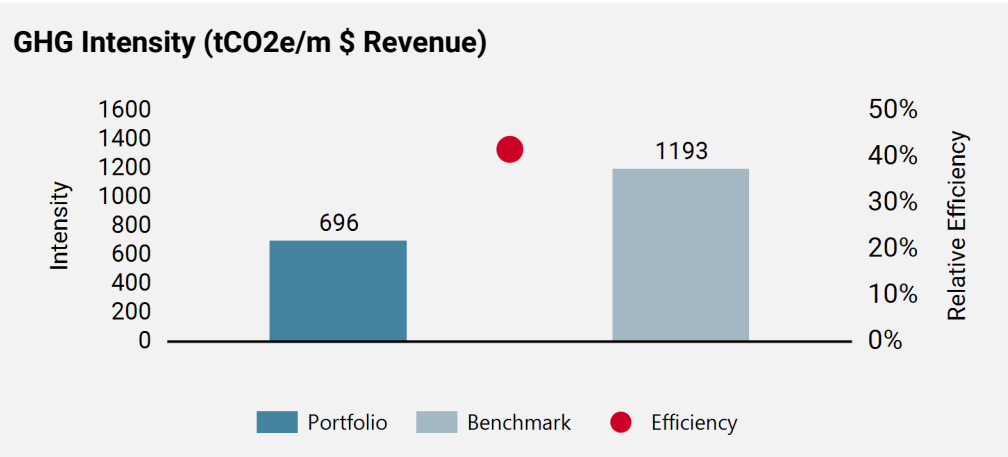
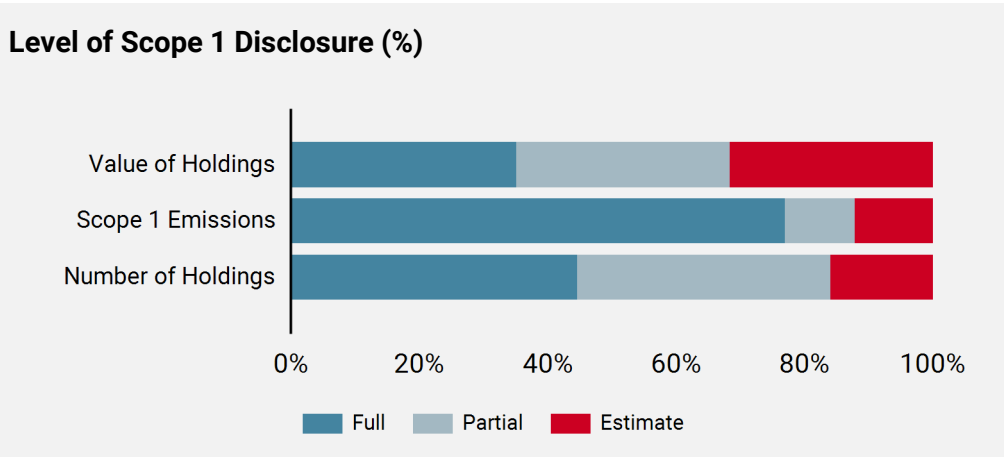
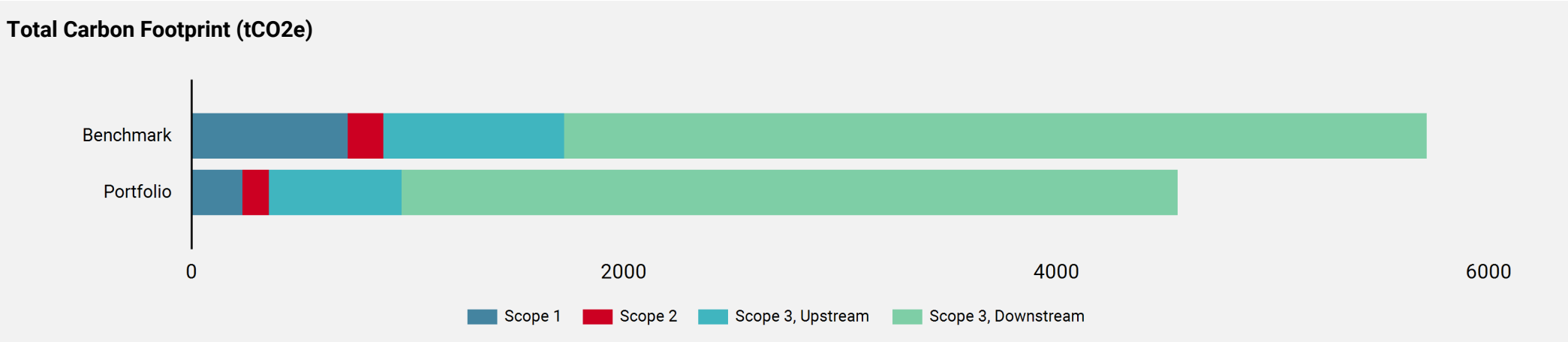
Relative efficiency refers to the efficiency of portfolio versus the benchmark in terms of GHG intensity ( $Relative\ Efficiency = 1 - (Portfolio\ GHG\ Intensity) / (Benchmark\ GHG\ Intensity)$ )





# GHG EMISSIONS

## Carbon Footprint and Intensity



**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.  
Sources: Unigestion, MSCI, Trucost



# GHG EMISSIONS

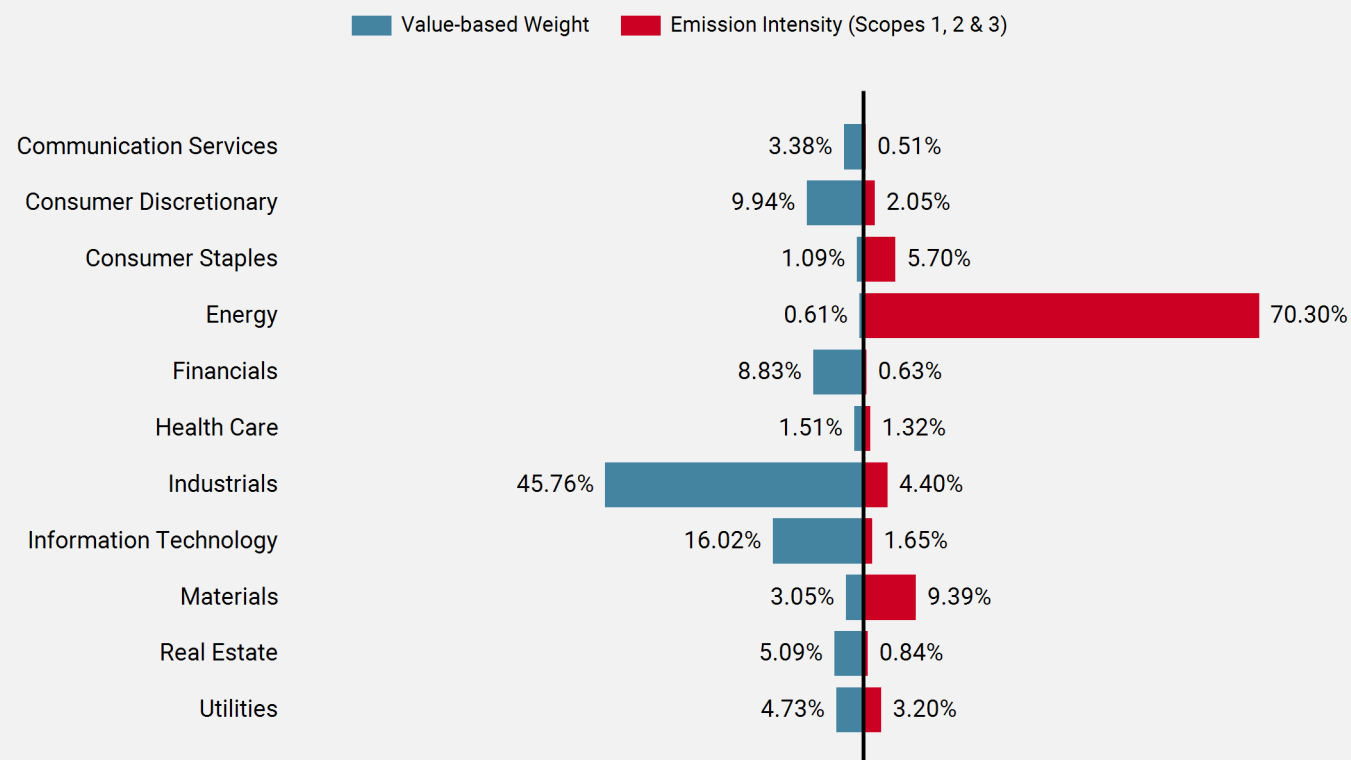
The following chart shows the value-based weight of each GICS sector in the portfolio, in comparison to the contribution of the sector to portfolio GHG

Value-based weight is the weight based on ownership within a company.

To estimate carbon contribution, total emission intensity, scopes 1, 2 and 3 (upstream and downstream) are used.

The contribution is estimated on ownership basis.

## Sector Value vs Carbon Contribution



Sources: Unigestion, MSCI, Trucost



# GHG EMISSIONS

## Best/Worst Contributors

Best	Name	Sector	Ownership Weight <sup>1</sup>	Carbon Weight <sup>2</sup>	GHG Intensity (tCO2e/mUSD)	GHG Intensity Contribution	Disclosure
	JD.com Inc	Consumer Discretionary	0.01%	0.04%	86.3046	0.000	Value derived from data provided in Environmental/CSR
	Morgan Stanley	Financials	0.02%	0.02%	33.0265	0.000	Value derived from data provided in CDP
	Warner Bros. Discovery Inc	Communication Services	0.01%	0.04%	88.7249	0.000	Estimated data
	AT&T Inc	Communication Services	0.01%	0.06%	114.842	0.000	Exact Value from CDP
	Schwab (Charles) Corp	Financials	0.03%	0.02%	32.915	0.000	Value derived from data provided in CDP

Worst	Name	Sector	Ownership Weight <sup>1</sup>	Carbon Weight <sup>2</sup>	GHG Intensity (tCO2e/mUSD)	GHG Intensity Contribution	Disclosure
	Nexans, Paris	Industrials	1.77%	14.45%	29085.1	-0.249	Exact Value from CDP
	Doosan Fuel Cell Co Ltd	Industrials	3.00%	2.50%	5033.65	-0.073	Estimate used instead of disclosure - data does not cover global operations
	Array Technologies Inc	Industrials	1.93%	2.57%	5179.85	-0.048	Estimate used instead of disclosure - data does not cover global operations
	Advanced Drainage Systems Inc	Industrials	0.98%	2.38%	4784.07	-0.023	Value derived from data provided in Environmental/CSR
	A. O. Smith Corp	Industrials	0.93%	2.31%	4654.35	-0.021	Value derived from data provided in Environmental/CSR

Best (worst) performers in terms of contribution to portfolio GHG intensity, where GHG intensity is aggregated on the basis of ownership. Stocks are ranked from best to worst in terms of their contribution, where higher contribution corresponds to worse performance. GHG Intensity Contribution is quoted as the decrease in portfolio GHG intensity in case of full divestment from the stock.

<sup>1</sup> Ownership weight indicates the ownership-based weight in the portfolio.

<sup>2</sup> Carbon weight indicates the GHG intensity share as a percentage of portfolio GHG intensity

Sources: Unigestion, MSCI, Trucost





# Fossil Fuels

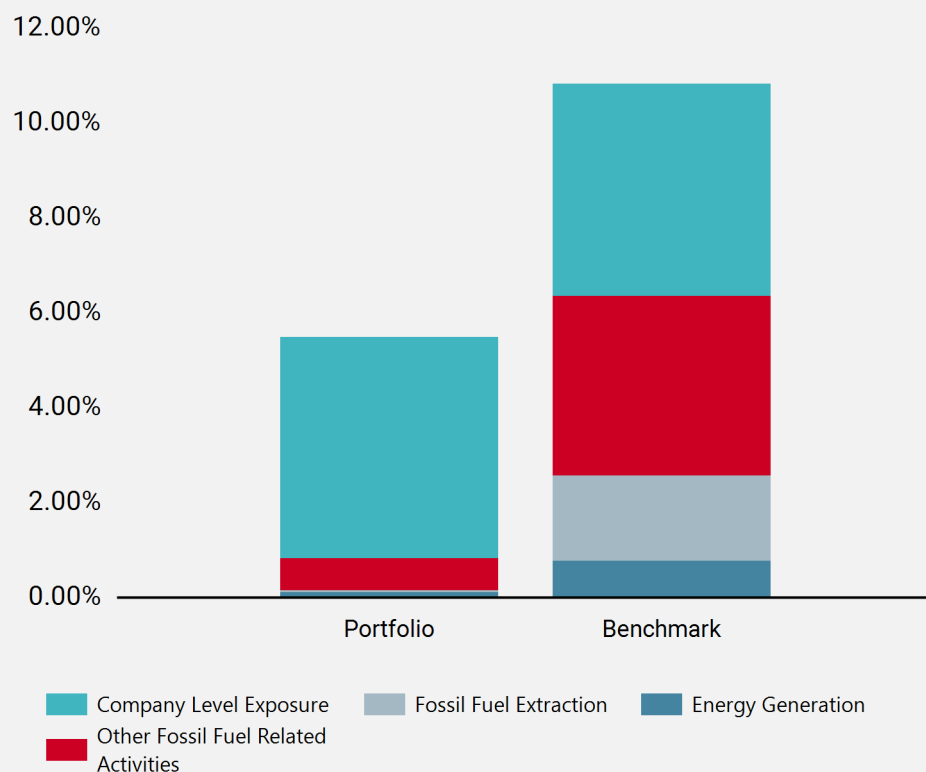
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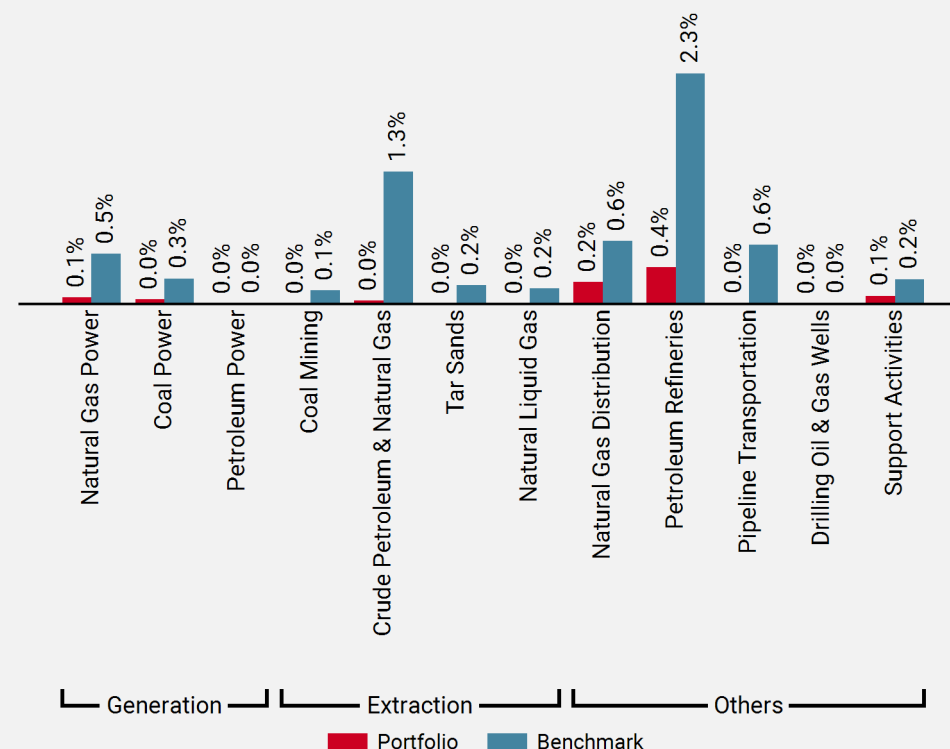
# FOSSIL FUELS

## Fossil Fuels Related Activities

Fossil Fuels Activities by Revenues<sup>1</sup> (%)



Fossil Fuels Revenues by Industry



<sup>1</sup> Portfolio exposure to revenues from fossil fuel related activities, where exposure is computed based on weight. Three categories of fossil fuel activities: Generation, Extraction and Others. Others include distribution, refinement, pipeline transportation, drilling of wells and fossil fuel supporting activities. Company level exposure (bar height) is the level of exposure to companies involved in fossil fuel related activities in terms of their total weight in the portfolio or benchmark. The remaining sections of the bars indicate weighted average revenue exposure to indicated activity.

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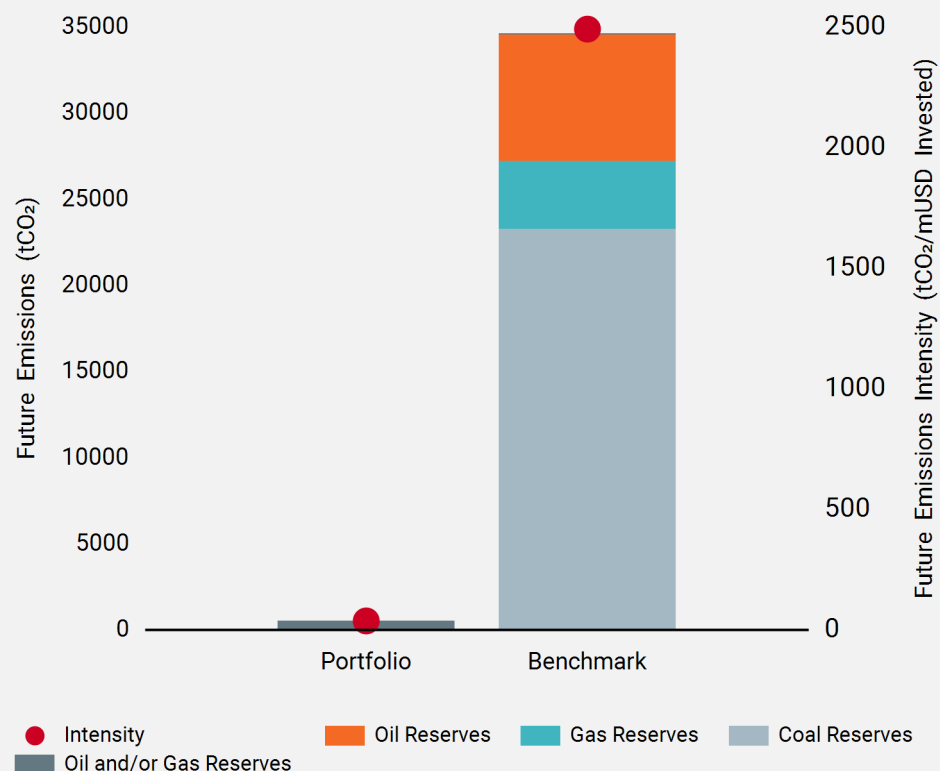
Sources: Unigestion, MSCI, Trucost



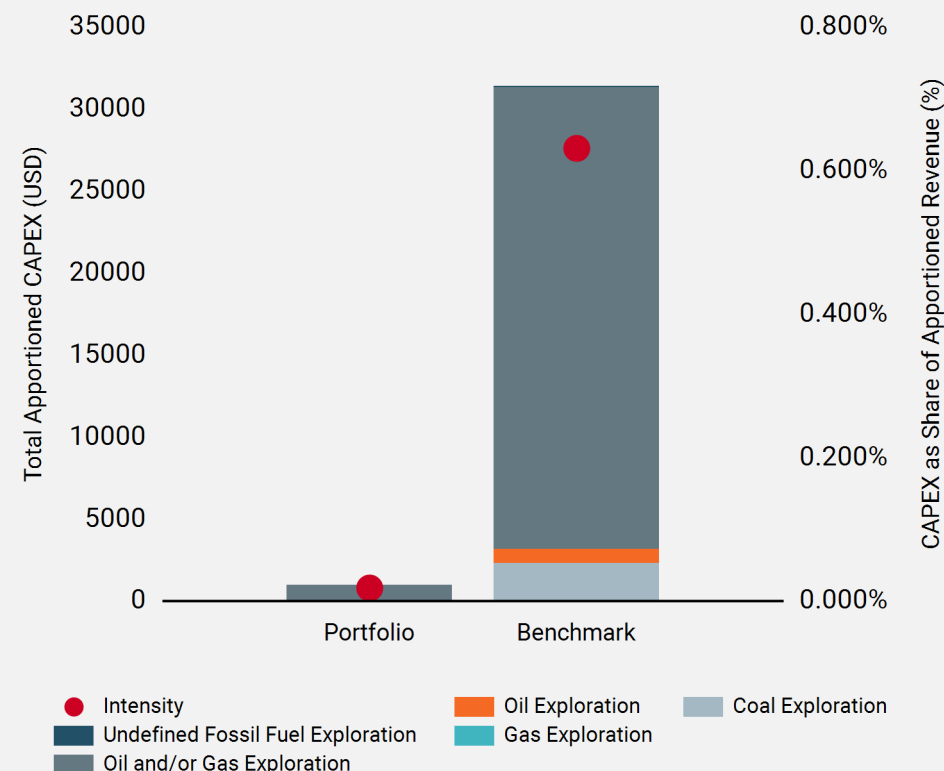
# FOSSIL FUELS

## Embedded Emissions in Reserves and Exploration Expenditures

**Emissions Embedded in Reserves<sup>1</sup>**



**Fossil Fuels CAPEX<sup>2</sup>**



<sup>1</sup> Apportioned GHG emissions embedded in fossil fuel reserves. Emissions are aggregated to portfolio on the basis of ownership.

<sup>2</sup> Capital expenditure (CAPEX) reserved for further exploration of fossil fuels: coal, oil and gas. CAPEX is aggregated to portfolio based on ownership.

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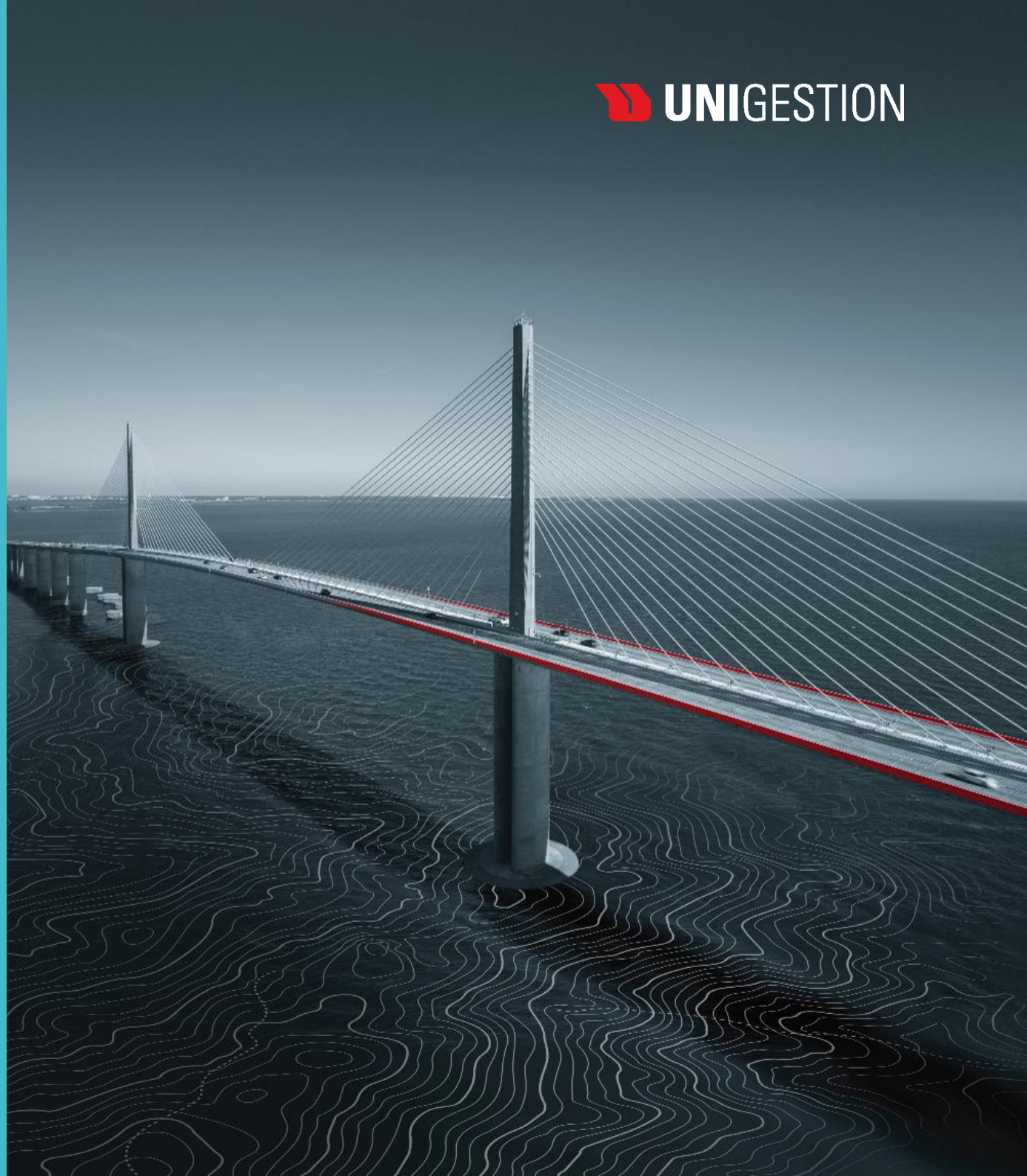
Sources: Unigestion, MSCI, Trucost





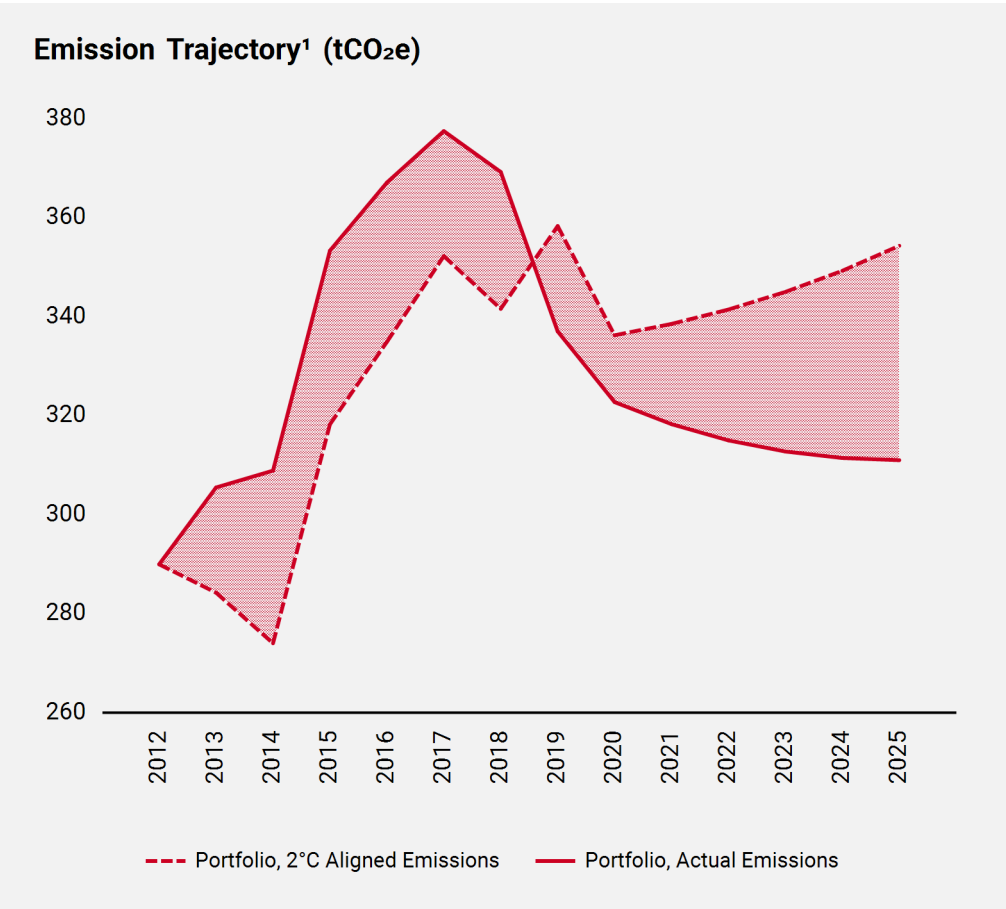
# Temperature Assessment

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# TEMPERATURE ASSESSMENT

## Emissions Pathway Assessment



### Warming Level

< 2°C

Tonnes Carbon (Under)/Over	-399
Percent of Total (Under)/Over	-8.65%
Carbon/mInvested (Under)/Over	-29

Warming level is determined on whether portfolio emissions are above or below the emission budgets linked to different warming scenarios, such as 2°C.

Above emission metrics are in reference to the 2°C budget.

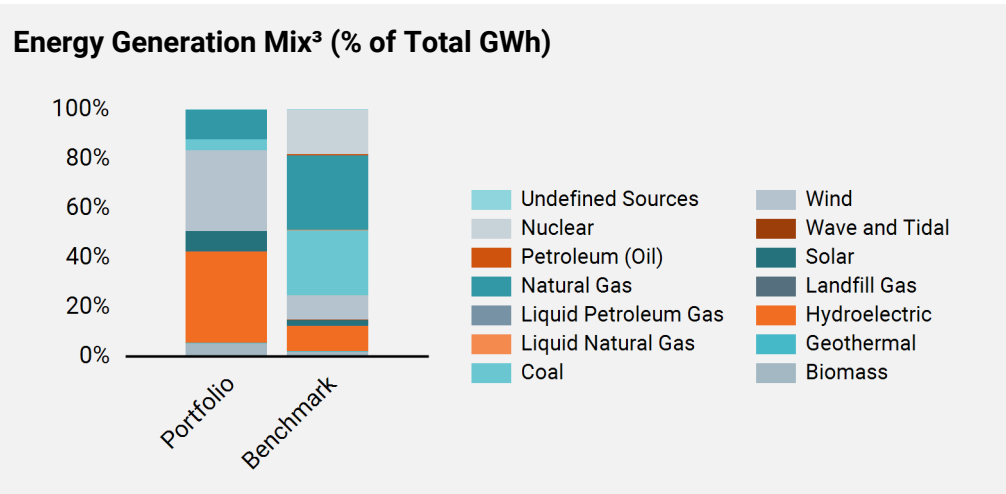
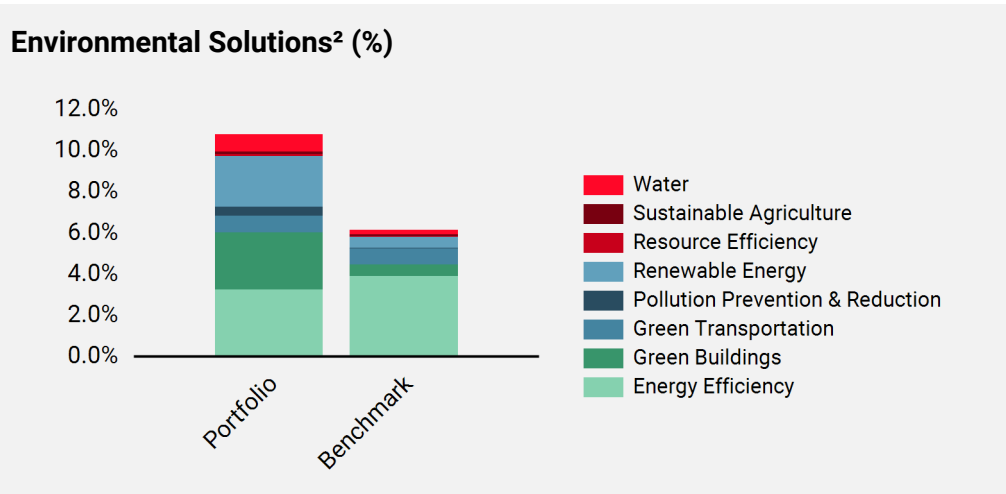
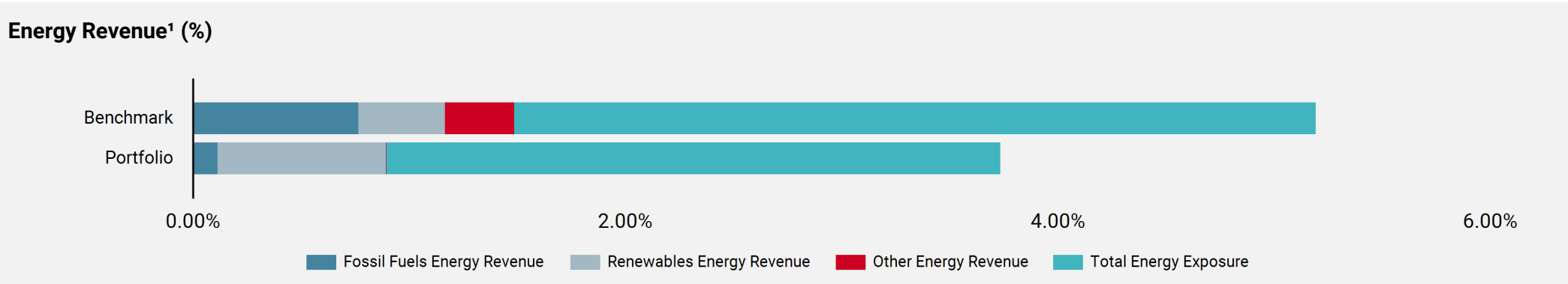
<sup>1</sup> Combination of historical and forward-looking emission data. Dashed line shows the 2°C compatible emission trajectory. Assessment on whether portfolio emissions are above or below the emission budget linked to warming scenario of 2°C.  
**Portfolio** refers to Uni-Global - Cross Asset Navigator.  
Sources: Unigestion, Trucost





# TEMPERATURE ASSESSMENT

## 'Brown' and 'Green' Revenues



<sup>1</sup> Compares portfolio's exposure to 'brown' and 'green' energy related revenues on the basis of weight. Nuclear energy is categorized as other. Total energy exposure (bar height) indicates the total weight in the portfolio/benchmark of companies with energy-related revenues. The remaining sections of the bars indicate the weighted average revenue exposure to indicated energy category.

<sup>2</sup> Revenue exposure to 'green' activities grouped into 8 categories. Exposure is computed using company revenue share generated by 'green' activities and apportioned by portfolio weight.

<sup>3</sup> Compares energy generation mix in GWh apportioned on ownership basis.

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Sources: Unigestion, MSCI, Trucost, Sustainalytics



# TEMPERATURE ASSESSMENT

## Sector Contribution to 2°C Aligned Emission Budget

**Sectoral Decarbonization Approach (SDA)** is applied to high-emitting sectors with homogeneous business activities.

**GHG Emissions per unit of Value Added (GEVA)** is used for less carbon intensive sectors with heterogeneous activities.

Method	Sector	Contribution (tCO2e)	Pathway
SDA	Power Generation	-18.16	<2C
	Cement	-37.51	<2C
	Steel	-	-
	Airlines	-	-
	Aluminum	-	-
GEVA	Communication Services	12.85	2-3C
	Consumer Discretionary	-182.38	<1.75C
	Consumer Staples	-56.54	<2C
	Energy	409.18	> 5C
	Financials	-145.26	<1.75C
	Health Care	-13.43	<2C
	Industrials	-401.97	<2C
	Information Technology	68.15	2-3C
	Materials	144.35	2-3C
	Real Estate	-46.30	<2C
	Utilities	-132.47	<2C

Note: Negative value indicates the alignment with 2°C scenario, as this indicates that the sector is under the 2°C budget. Pathway provided is based on companies held.

Sources: Unigestion, MSCI, Trucost



# TEMPERATURE ASSESSMENT

## Best/Worst Contributors to 2°C Aligned GHG Emission Budget

Best	Name	Industry/Sub-industry	2015 tCO2e Intensity	2025 tCO2e Intensity	Intensity Unit	Forecast Source	Total Carbon (tCO2e)	Apportioned Carbon (tCO2e)	Pathway
	Owens Corning	Industrials	2932.05	1427.09	tCO2e/US\$m inflation adjusted gross profits	Company Target	-54,357,800	-234	<1.5°C
	Berkshire Hathaway Inc	Financials	2634.01	765.24	tCO2e/US\$m inflation adjusted gross profits	Sub-Industry Trend	-948,894,000	-138	<1.5°C
	Verbund AG	Utilities	0.07	0.01	tCO2e/MWh	Company Target	-43,875,200	-128	<1.5°C
	Amazon.com Inc	Consumer Discretionary	158.88	19.41	tCO2e/US\$m inflation adjusted gross profits	Company Target	-685,995,000	-105	<1.5°C
	JD.com Inc	Consumer Discretionary	872.44	117.65	tCO2e/US\$m inflation adjusted gross profits	Sub-Industry Trend	-148,546,000	-88	<1.5°C

Worst	Name	Industry/Sub-industry	2015 tCO2e Intensity	2025 tCO2e Intensity	Intensity Unit	Forecast Source	Total Carbon (tCO2e)	Apportioned Carbon (tCO2e)	Pathway
	PTT Public Co Ltd	Energy	6202.45	7110.39	tCO2e/US\$m inflation adjusted gross profits	Sub-Industry Trend	388,267,000	424	>5°C
	AES Corp (The)	Utilities	26208.90	18955.80	tCO2e/US\$m inflation adjusted gross profits	Sub-Industry Trend	278,525,000	129	>5°C
	Linde Plc	Materials	4685.47	3463.87	tCO2e/US\$m inflation adjusted gross profits	Sub-Industry Trend	239,155,000	90	>5°C
	L'Air Liquide SA	Materials	2438.08	1262.98	tCO2e/US\$m inflation adjusted gross profits	Company Target	60,879,800	63	2-3°C
	Arrow Electronics Inc	Information Technology	254.20	309.73	tCO2e/US\$m inflation adjusted gross profits	Sub-Industry Trend	6,821,970	36	>5°C

The contribution, or apportioned carbon, is computed on ownership bases. Negative values indicate alignment with the 2 °C scenario.

Sources: Unigestion, MSCI, Trucost



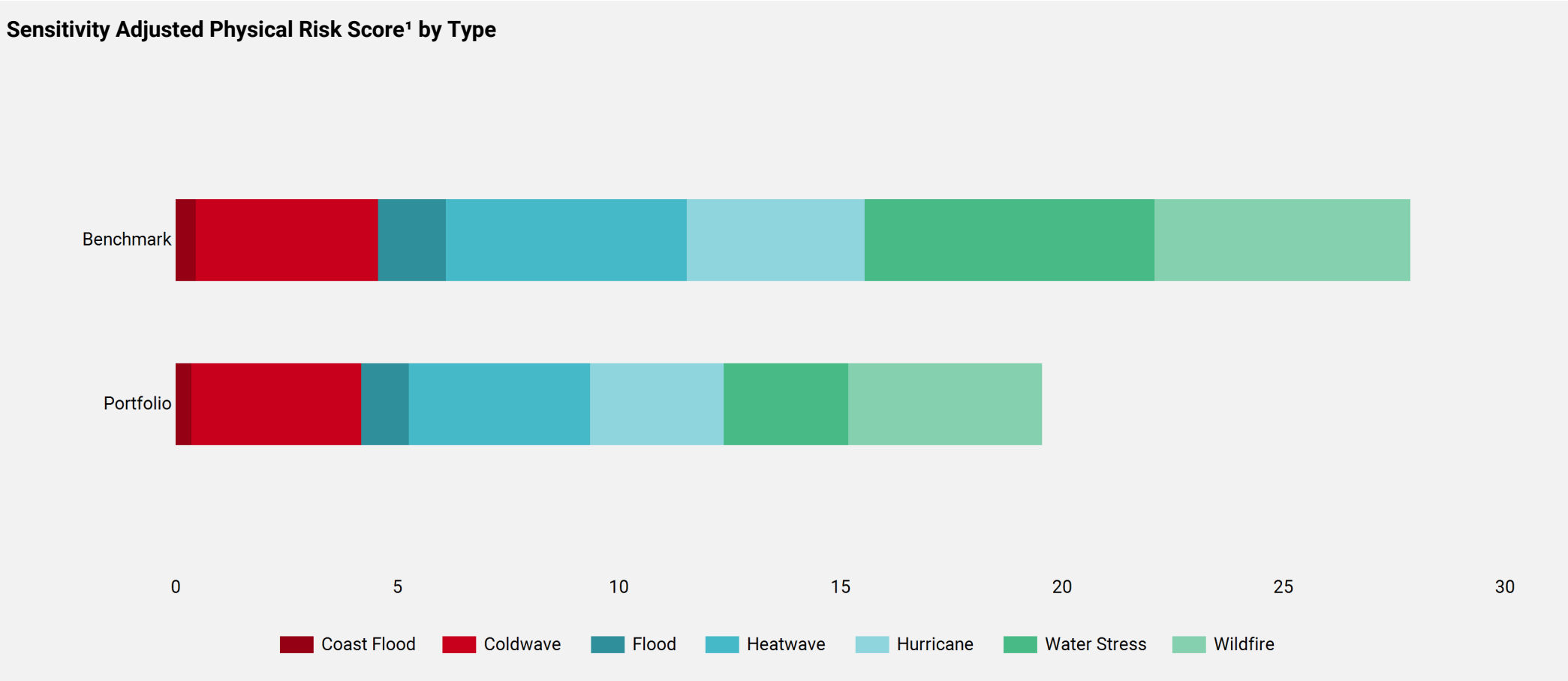
# Physical Risk

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# PHYSICAL RISK

## Physical or Tangible Effects of Climate Change



<sup>1</sup> Incorporates adjustment for the expected sensitivity of each company to each form of physical risk and level of risk is aggregated on ownership. Physical risk types (7): coastal floods, cold waves, floods, heatwaves, hurricanes, water stress and wildfires. At company level, physical risk exposure indicators are on a scale of 0 to 100 (lowest to highest). Exposure used in the chart is for 2050, under a high warming scenario (RCP 8.5). **Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

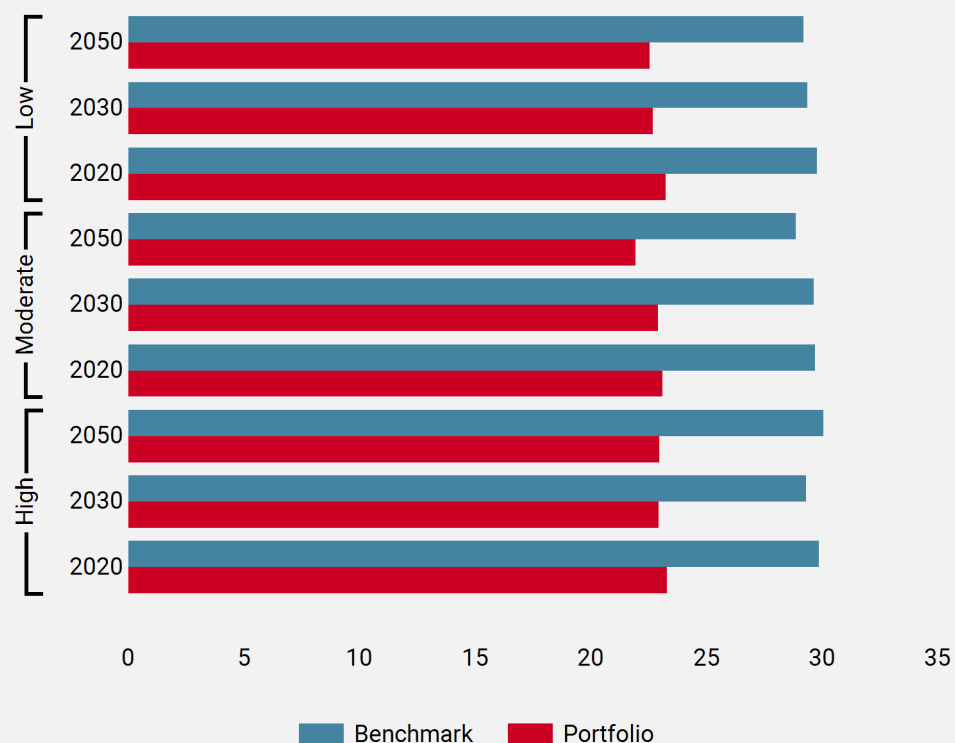
Sources: Unigestion, MSCI, Trucost



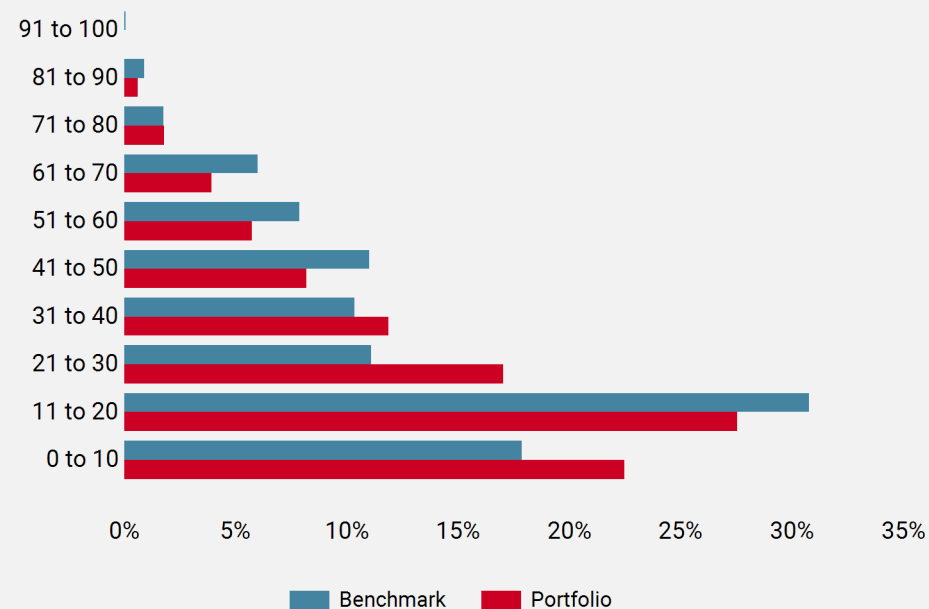


# PHYSICAL RISK

Sensitivity Adjusted Physical Risk Score<sup>1</sup> by Year and Scenario



Distribution<sup>2</sup> by Decile



	Total Weight Covered	Share Covered Using Asset Data	Number of Assets Covered
Portfolio	99.20%	98.13%	75,588
Benchmark	98.57%	97.40%	369,429

<sup>1</sup> Physical Risk Score is a sensitivity adjusted physical risk score that incorporates an adjustment for the expected sensitivity of each company to each form of physical risk. Level of risk aggregated on ownership. The aggregate sensitivity adjusted physical risk exposure is computed for all years and scenarios. High scenario corresponds to RCP 8.5, moderate is RCP 4.5 and low is RCP 2.6.

<sup>2</sup> Based on the sensitivity adjusted score. At company level, physical risk exposure indicators are on a scale of 0 to 100, from lowest to highest under a high warming scenario (RCP 8.5).

**Portfolio** refers to Uni-Global - Cross Asset Navigator while **Benchmark** refers to MSCI All Countries World.

Sources: Unigestion, MSCI, Trucost



# PHYSICAL RISK

**Sensitivity Adjusted Physical Risk Score by Sector (High Scenario<sup>1</sup> - 2050)**

	Composite	Coast Flood	Coldwave	Flood	Heatwave	Hurricane	Water	Wildfire
Communication Services	0.65	0.89	0.41	0.89	0.41	0.89	0.05	0.89
Consumer Discretionary	3.59	4.88	3.43	4.88	3.43	4.88	0.29	4.88
Consumer Staples	0.58	0.56	0.44	0.56	0.44	0.56	0.23	0.56
Energy	0.32	0.46	0.10	0.46	0.10	0.46	0.40	0.46
Financials	0.40	0.32	0.32	0.32	0.32	0.32	0.12	0.32
Health Care	0.30	0.38	0.31	0.38	0.31	0.38	0.06	0.38
Industrials	9.31	11.19	9.49	11.19	9.49	11.19	0.93	11.19
Information Technology	3.54	3.89	3.99	3.89	3.99	3.89	0.50	3.89
Materials	1.37	2.46	0.34	2.46	0.34	2.46	1.72	2.46
Real Estate	1.52	3.26	0.29	3.26	0.29	3.26	0.30	3.26
Utilities	1.38	3.95	0.13	3.95	0.13	3.95	2.01	3.95

<sup>1</sup> The scenario considered is RCP 8.5, or the high warming scenario.

<sup>2</sup> Composite score is the physical risk score that aggregates the 7 physical risk types. This assessment uses the sensitivity adjusted composite physical risk score. Exposure to physical risk is apportioned by ownership.

Sources: Unigestion, MSCI, Trucost



# PHYSICAL RISK

## Best/Worst Contributors

Best	Name	Sector	Ownership	Composite	Adjusted Composite	Adjusted Composite Contribution (bps)	Data Quality
	Agricultural Bank of China Ltd	Financials	0.00001%	58	3	0.00	A
	Warner Bros. Discovery Inc	Communication Services	0.00000%	63	5	0.00	B
	JPMorgan Chase & Co	Financials	0.00001%	64	3	0.00	A
	Schwab (Charles) Corp	Financials	0.00002%	65	3	-0.01	A
	The Bank of Nova Scotia	Financials	0.00003%	50	2	-0.01	A
Worst	Name	Sector	Ownership	Composite	Adjusted Composite	Adjusted Composite Contribution (bps)	Data Quality
	SPIE	Industrials	0.00185%	48	24	-4.44	A
	Keisei Electric Railway Co Ltd	Industrials	0.00095%	60	46	-4.37	A
	Clean Harbors Inc	Industrials	0.00080%	69	54	-4.32	A
	Ameresco Inc	Industrials	0.00140%	56	25	-3.49	A
	Holmen AB	Materials	0.00065%	35	48	-3.13	A

Best (worst) performers in terms of physical risk using raw and sensitivity adjusted composite physical risk scores.

- Composite score is the raw composite physical risk score of the company without sensitivity adjustment. Composite indicates aggregation of the 7 physical risk types (coastal floods, coldwaves etc.). At company level, raw physical risk scores (composite) are on a scale of 0 to 100 (lowest to highest).
- Adjusted composite is the raw composite physical risk score adjusted for company sensitivity to physical risk.
- Data quality indicates the quality of data used to determine physical risk score at company level. There are two levels: A and B, where A indicates higher quality.
- Asset count indicates the number of assets assessed at company level to determine company exposure to physical risk. In absence of asset level data, physical risk exposure is determined based on HQ location and revenue share by country, rather than location of assets.

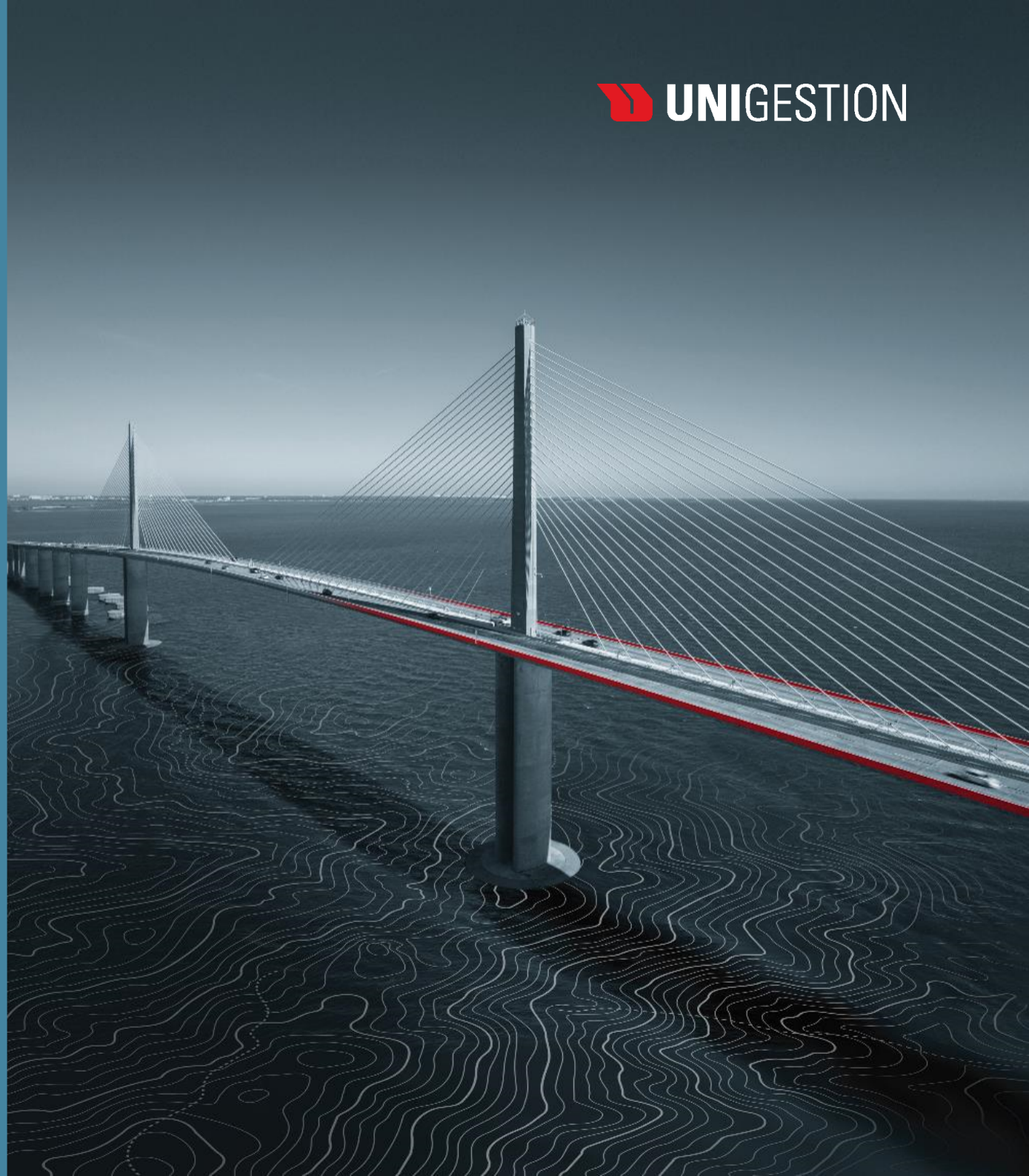
Contribution to portfolio physical risk score is computed on the basis of ownership and is quoted as the basis point decrease in physical risk exposure for the portfolio in the event of full divestment from the stock.

Sources: Unigestion, MSCI, Trucost



# SFDR Principal Adverse Impact Indicators

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# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Climate and Other Environment-related Indicators

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)
<b>Greenhouse gas emissions</b>	<b>1. GHG emissions</b>	Scope 1 GHG emissions	Tonnes	196	744	100
		Scope 2 GHG emissions	Tonnes	141	342	100
		From 1 January 2023, Scope 3 GHG emissions	Tonnes	2,438	9,352	100
		Total GHG emissions	Tonnes	2,775	10,439	100
	<b>2. Carbon footprint</b>	Carbon footprint	Tonnes / mUSD of Enterprise Value	156	176	100
	<b>3. GHG intensity of investee companies</b>	GHG intensity of investee companies	Tonnes / mUSD of Revenue	499	549	100
	<b>4. Exposure to companies active in the fossil fuel sector</b>	Share of investments in companies active in the fossil fuel sector	%	5	5	99

Source: Unigestion, Trucost, Sustainalytics





# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Climate and Other Environment-related Indicators

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)
Greenhouse gas emissions	5. Share of non-renewable energy consumption and production	Share of non-renewable energy consumption and non-renewable energy production of investee companies from non-renewable energy sources compared to renewable energy sources, expressed as a percentage	%	62	55	70
	6. Energy consumption intensity per high impact climate sector	Energy consumption in GWh per million USD of revenue of investee companies, per high impact climate sector	GWh / mUSD of Revenue	1	1	98
Biodiversity	7. Activities negatively affecting biodiversity-sensitive areas	Share of investments in investee companies with sites/operations located in or near to biodiversity-sensitive areas where activities of those investee companies negatively affect those areas *	%	19	8	
Water	8. Emissions to water	Tonnes of emissions to water generated by investee companies per million USD invested, expressed as a weighted average	Tonnes	186	123	98
Waste	9. Hazardous waste ratio	Tonnes of hazardous waste generated by investee companies per million USD invested, expressed as a weighted average	Tonnes	4,905	158,023	98

\* Based on score that measures whether company has a publicly available commitment to maintain, enhance, or conserve biodiversity/ecosystems for company's own operational activities (e.g. production, extraction, plantation, or development activities), and if the commitment is applicable to company's supply chain. Score range is 0-100, where 100 is best practice. Due to inability to distinguish investee companies with negative effect on biodiversity-sensitive areas, reported figure is computed as share of investments in investee companies with score below 50.

Source: Unigestion, Trucost, Sustainalytics



# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Social and Employee, Respect for Human Rights, Anti-corruption and Anti-bribery Matters

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)
Social and employee matters	<b>10. Violations of UN Global Compact principles and Organisation for Economic Cooperation and Development (OECD) Guidelines for Multinational Enterprises"</b>	Share of investments in investee companies that have been involved in violations of the UNGC principles or OECD Guidelines for Multinational Enterprises	%	0	0	100
	<b>11. Lack of processes and compliance mechanisms to monitor compliance with UN Global Compact principles and OECD Guidelines for Multinational Enterprises</b>	Share of investments in investee companies without policies to monitor compliance with the UNGC principles or OECD Guidelines for Multinational Enterprises or grievance /complaints handling mechanisms to address violations of the UNGC principles or OECD Guidelines for Multinational Enterprises	%	0	0	100

Source: Unigestion, Trucost, Sustainalytics



# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Social and Employee, Respect for Human Rights, Anti-corruption and Anti-bribery Matters

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)
Social and employee matters	12. Unadjusted gender pay gap	Average unadjusted gender pay gap of investee companies	Score	44	42	80
	13. Board gender diversity	Average ratio of female to male board members in investee companies	%	43	42	86
	14. Exposure to controversial weapons (anti-personnel mines, cluster munitions, chemical weapons and biological weapons)	Share of investments in investee companies involved in the manufacture or selling of controversial weapons	%	0	0	100

Source: Unigestion, Trucost, Sustainalytics



# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Climate and Other Environment-related Indicators

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)
<b>Emissions</b>	<b>1. Emissions of inorganic pollutants</b>	Tonnes of inorganic pollutants equivalent per million USD invested, expressed as a weighted average	Tonnes	201	184	98
	<b>2. Emissions of air pollutants</b>	Tonnes of air pollutants equivalent per million USD invested, expressed as a weighted average	Tonnes	9,205	14,600	98
	<b>3. Emissions of ozone depletion substances</b>	Tonnes of ozone depletion substances equivalent per million USD invested, expressed as a weighted average	Tonnes	305	741	98

## Social and Employee, Respect for Human Rights, Anti-corruption and Anti-bribery Matters

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)
<b>Social and employee matters</b>	<b>6. Insufficient whistleblower protection</b>	Share of investments in entities without policies on the protection of whistleblowers	%	3	2	98

Source: Unigestion, Trucost, Sustainalytics



# Engagement

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# ENGAGEMENT

Year	Company	Engagement Status	Voting Script	Company Reply
2022	A. O. Smith Corporation	No response received yet	Concerns about the company's GHG emissions reduction target, and progress towards this target.	No reply received yet.
2022	Koninklijke Ahold Delhaize NV	No response received yet	Concerns about targets to reach net-zero ambition and overall climate strategy. Concerns about Scope 3 emissions measurement accross the supply chain.	No reply received yet.
2022	Shimano Inc	No response received yet	Concerns around disclosure of GHG emissions reductions strategy. Possibility of strengthening strategy by reporting on Scope 3 GHG emissions and committing to a net-zero target.	No reply received yet.
2022	Sika AG	No response received yet	<p>SIKA recently published its new materiality assessment as well as new climate strategy. Even though the company is moving in the right direction, we could still see room for improvement on three specific areas :</p> <p>1) The company is using alternatives raw materials to diversify its cost exposure to fossil fuel derivatives but lacks targets on this specific strategy while it is considered material according to their matrix released in June 2022 and their "Way to Net zero" published in Oct 22.</p> <p>2) On another material topic, chemical manufacturing generates hazardous waste, including but not limited to heavy metals, spent acids, catalysts, and wastewater treatment sludge. Companies like Sika face regulatory and operational challenges in managing waste, as some wastes are subject to regulations pertaining to their transport, treatment, storage, and disposal. Their waste management strategies include reduced generation, effective treatment and disposal, and recycling and recovery, where possible. Such activities, while requiring initial investment or operating costs may lower companies' long-term cost structure and mitigate the risk of remediation liabilities or regulatory penalties.</p> <p>3) A third topic of engagement for Sika would be product design. As increasing resource scarcity and regulations drive the need for greater materials efficiency and lower energy consumption and emissions, the Chemicals industry stands to benefit from developing products that enhance customer efficiency. From reducing automobile emissions through materials optimization to improving the performance of building insulation, chemical industry products can enhance efficiency across a multitude of applications. Companies that develop cost-effective solutions to address customers' needs for improved efficiency can therefore benefit from increased revenues and market share, stronger competitive positioning, and enhanced brand value.</p>	No reply received yet.
2022	United Parcel Service Inc - B	No response received yet	Concerns about occupational safety and working conditions for employees.	No reply received yet.

Above table shows the 5 most recent engagements, with a contact date of less than 6 months. More detailed information is available upon request.

Sources: Unigestion, ISS



# SOVEREIGN

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# PORTFOLIO INTRODUCTION

Morningstar Sustainability Rating



High

- ▶ Portfolio: **Uni-Global - Cross Asset Navigator**
- ▶ Benchmark: **Bloomberg Barclays Global Agg Treasuries Total**
- ▶ Investment Universe: **Bloomberg Barclays Global Agg Treasuries Total**
- ▶ Currency: **USD**





ESG

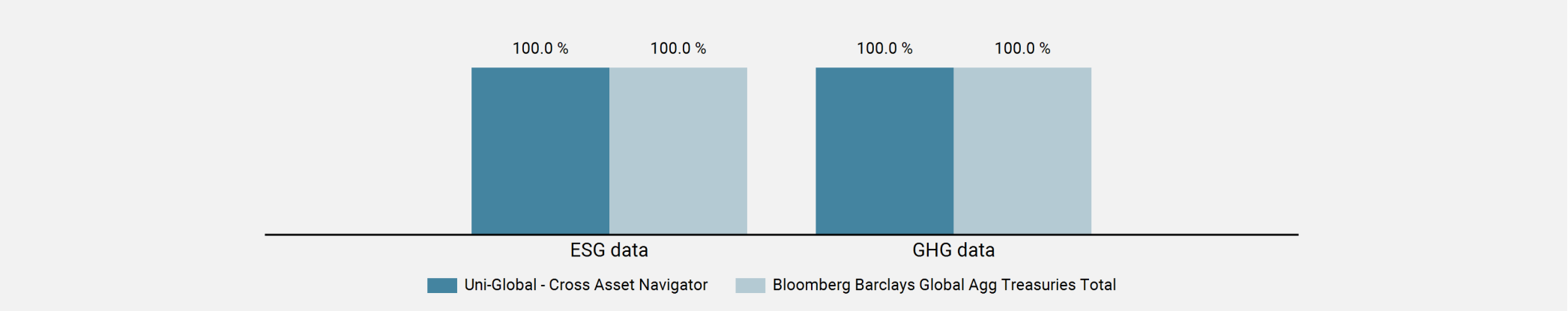
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# ESG AND GHG

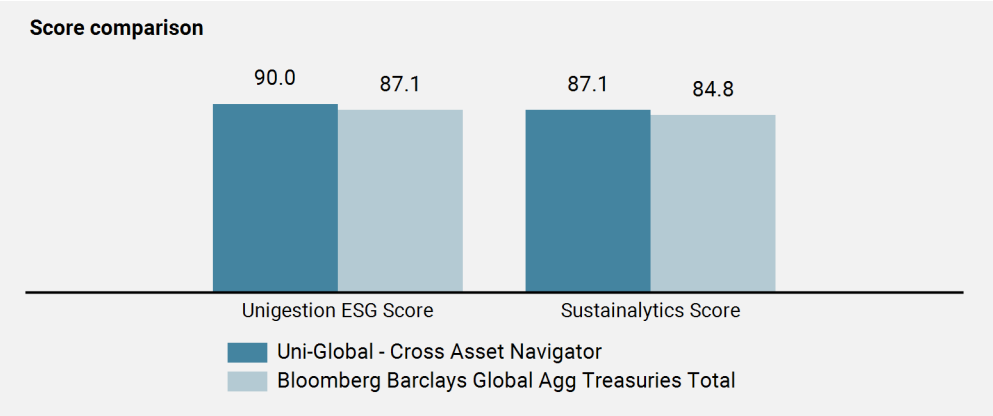
## Data Coverage

Data coverage is defined as the sum of the weight in portfolio and index with available data for each vendor.



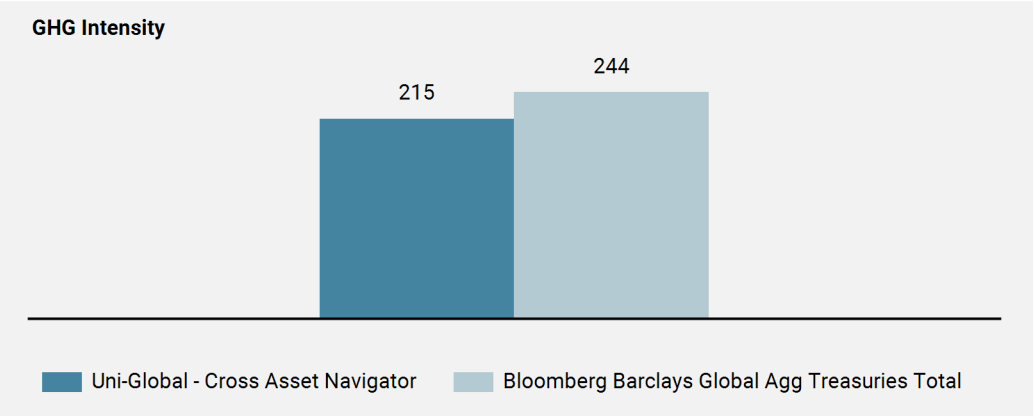
## ESG Score and GHG Intensity

ESG Score for Government Bonds is the weighted average of country weights in the fund / index and the ESG score by country.



Source: Unigestion, Sustainalytics

GHG Intensity is computed as the weighted average of country weights in the fund / index and GHG Intensity by country. Intensity is expressed as gr/PPP\$ of each country GDP.



Source: Unigestion, TruCost





# ESG AND GHG

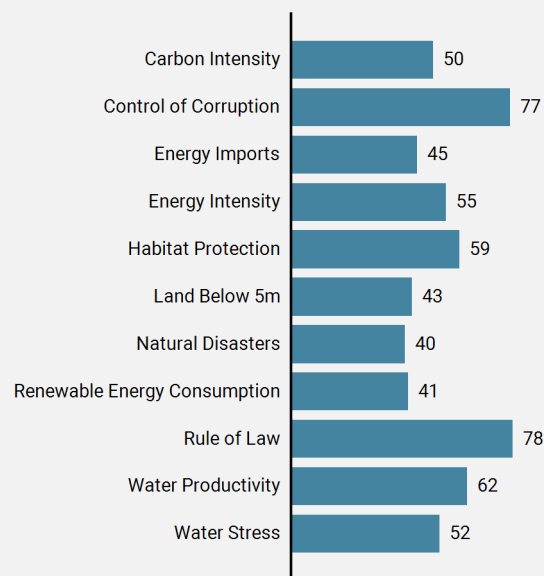
## Portfolio ESG Report

### Natural and Produced Capital



63.5

62.7



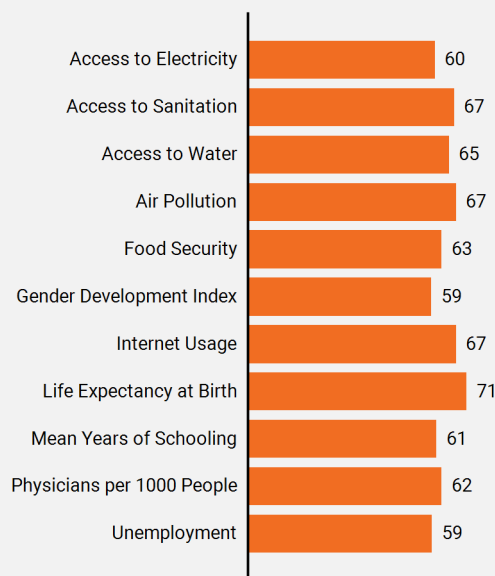
1.1

### Human Capital



61.4

69.7



-2.2

### Institutional Capital



71.4

75.0



0.1

### ESG Trend



# ESG AND GHG

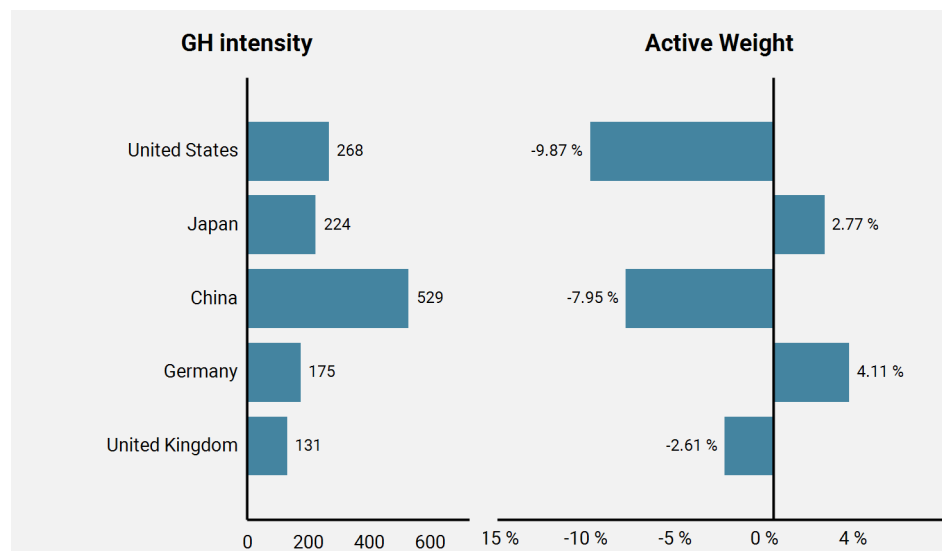
## Portfolio GHG Report

	Portfolio	Benchmark
Territorial GHG Emissions (MtCO2e)	1757.3	3265.6
Total Country GHG Emissions embedded in goods and services imported (MtCO2e)	600.6	857.3
Renewable share of Power Generation (%)	40.0%	29.7%
Nuclear share of Power Generation (%)	11.2%	14.3%
Fossil Fuel share of Power Generation (%)	49.1%	56.1%

### Top 5 Best/Worst Contributors vs Benchmark

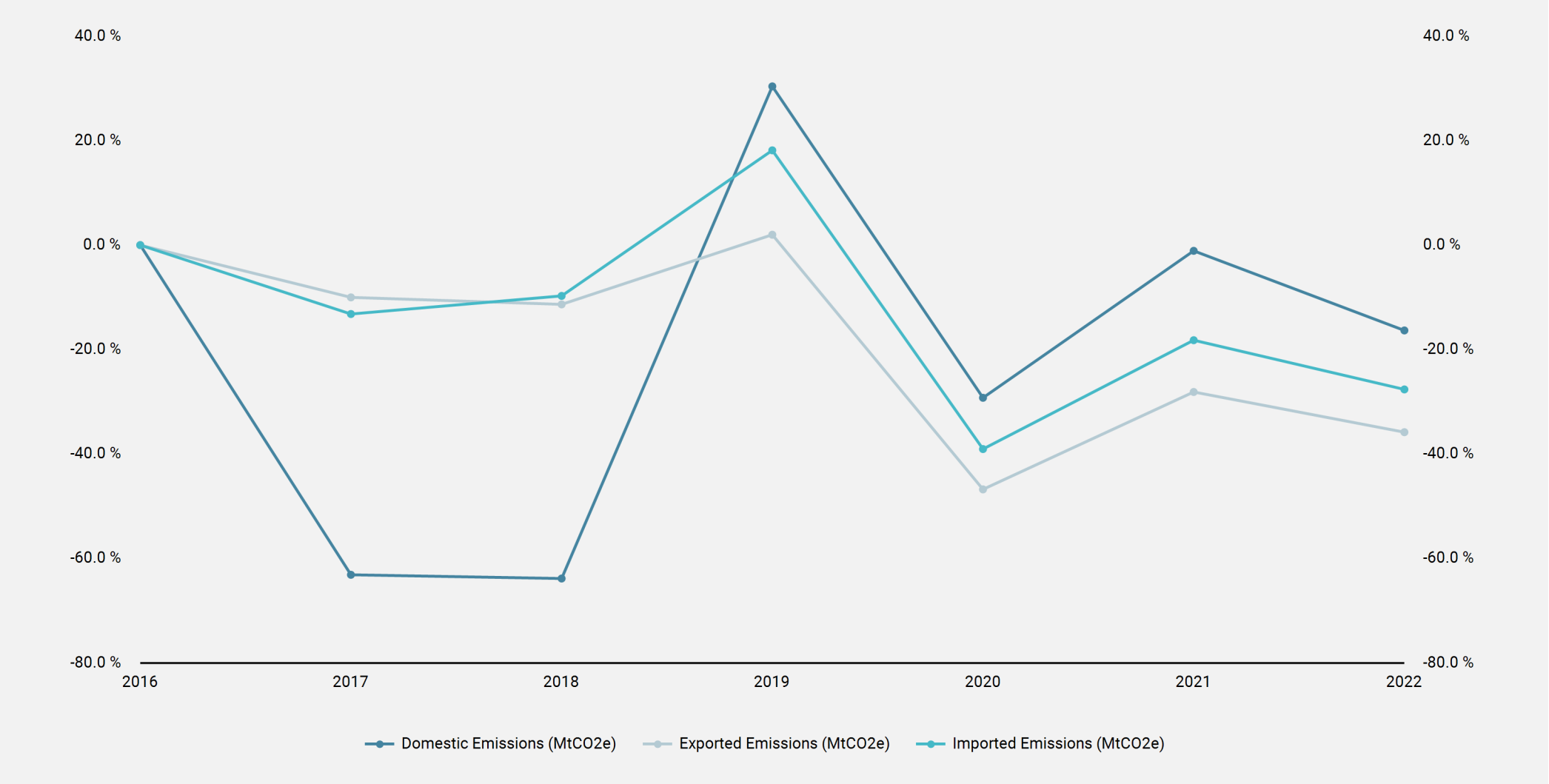
Name	Active Weight		GHG Intensity		Relative Contribution	Absolute Contribution (%)
Canada	6.56 %	<div></div>	3,247	212.89	<div></div>	12.5 %
Australia	2.57 %	<div></div>	3,282	84.34	<div></div>	6.3 %
Germany	4.11 %	<div></div>	1,748	71.79	<div></div>	6.8 %
Japan	2.77 %	<div></div>	2,238	61.91	<div></div>	26.3 %
Finland	2.77 %	<div></div>	1,858	51.42	<div></div>	2.7 %
Spain	-3.17 %	<div></div>	1,408		-44.62	-
Italy	-3.07 %	<div></div>	1,456		-44.77	1.2 %
South Korea	-1.84 %	<div></div>	3,061		-56.30	-
United States	-9.87 %	<div></div>	2,676		-264.17	27.2 %
China	-7.95 %	<div></div>	5,287		-420.19	-

### Positioning in worst 5 Countries of the Benchmark



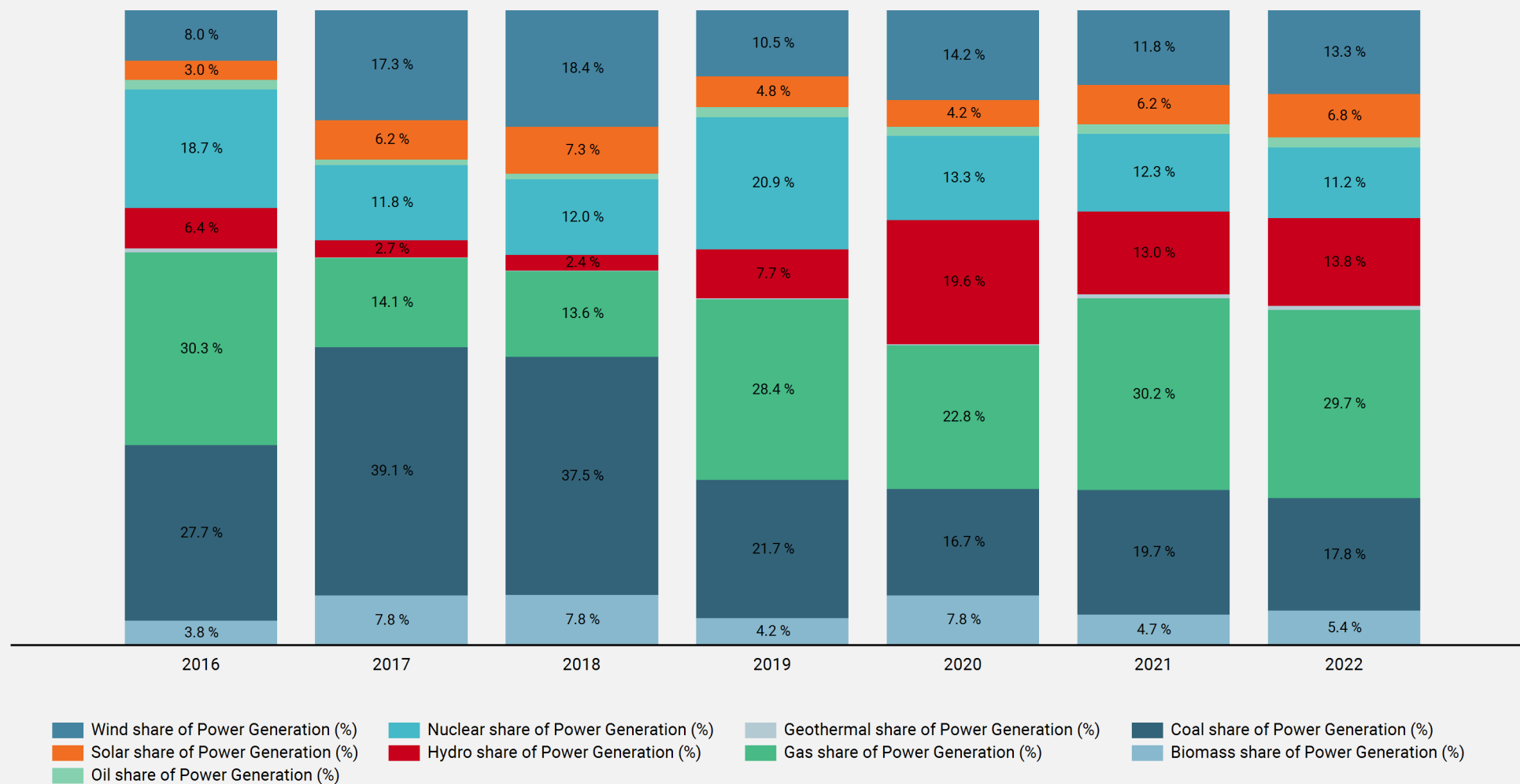
# ESG AND GHG

## GHG Emission Change compared to 2016



# ESG AND GHG

## Power Generation Data



# SFDR Principal Adverse Impact Indicators

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# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Climate and Other Environment-related Indicators

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)	Explanation
<b>Social</b>	<b>16. Investee countries subject to social violations</b>	Number of investee countries subject to social violations (absolute number and relative number divided by all investee countries), as referred to in international treaties and conventions, United Nations principles and, where applicable, national law	%	0	0	100	-

## Climate and Other Environment-related Indicators

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)	Explanation
<b>Green securities</b>	<b>17. Share of bonds not certified as green under a future EU act setting up an EU Green Bond Standard</b>	Share of bonds not certified as green	%	15	11	100	-

Source: Unigestion, Trucost, Sustainalytics



# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Social and Employee, Respect for Human Rights, Anti-corruption and Anti-bribery Matters

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)	Explanation
Social	<b>18. Average income inequality score</b>	The distribution of income and economic inequality among the participants in a particular economy including a quantitative indicator explained in the explanation column	Score	24	27	75	Gini index from World Bank. The index measures the extent to which the distribution of income or consumption among individuals or households within an economy deviates from a perfectly equal distribution. A score between 0 and 100, higher scores indicate greater inequality. Reported as weighted average.
	<b>19. Average freedom of expression score</b>	Measuring the extent to which political and civil society organisations can operate freely including a quantitative indicator explained in the explanation column	Score	73	72	100	Voice and accountability indicator, which captures perceptions of the extent to which a country's citizens are able to participate in selecting their government, as well as freedom of expression, freedom of association, and a free media. A score between 0 and 100, higher scores indicate greater freedom. Reported as weighted average.
Human rights	<b>20. Average human rights performance</b>	Measure of the average human right performance of investee countries using a quantitative indicator explained in the explanation column	%	100	100	100	Assessment based on human rights protection score developed by Christopher Farris and Keith Schnakenberg. A score between -4 and 4, higher score indicates better human rights protection. Reported as share of investments with positive human rights protection score.

Source: Unigestion, Trucost, Sustainalytics



# SFDR PRINCIPAL ADVERSE IMPACT INDICATORS

## Social and Employee, Respect for Human Rights, Anti-corruption and Anti-bribery Matters

	Indicator	Description	Unit of Measure	Impact 2022	Impact 2021	Coverage (%)	Explanation
<b>Governance</b>	<b>21. Average corruption score</b>	Measure of the perceived level of public sector corruption using a quantitative indicator explained in the explanation column	Score	77	78	100	Control of corruption indicator, which captures perceptions of the extent to which public power is exercised for private gain, including both petty and grand forms of corruption, as well as "capture" of the state by elites and private interests. A score between 0 and 100, higher scores indicate less corruption. Reported as weighted average.
	<b>22. Non-cooperative tax jurisdictions</b>	Investments in jurisdictions on the EU list of non-cooperative jurisdictions for tax purposes	%	0	0	100	-
	<b>23. Average political stability score</b>	Measure of the likelihood that the current regime will be overthrown by the use of force using a quantitative indicator explained in the explanation column	Score	66	67	100	Political stability and absence of violence/terrorism indicator, which measures perceptions of the likelihood of political instability and/or politically-motivated violence, including terrorism. A score between 0 and 100, higher scores indicate greater stability. Reported as weighted average.
	<b>24. Average rule of law score</b>	Measure of the level of corruption, lack of fundamental rights, and the deficiencies in civil and criminal justice using a quantitative indicator explained in the explanation column	Score	78	79	100	Rule of law indicator, which captures perceptions of the extent to which agents have confidence in and abide by the rules of society, and in particular the quality of contract enforcement, property rights, the police, and the courts, as well as the likelihood of crime and violence. A score between 0 and 100, higher scores indicate greater confidence in the law. Reported as weighted average.

Source: Unigestion, Trucost, Sustainalytics



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