



**Climate Impact Assessment** 

### OVERVIEW

**DATE OF HOLDINGS COVERAGE** 30 SEP 2020 91.92%

AMOUNT INVESTED BENCHMARK USED

PORTFOLIO TYPE

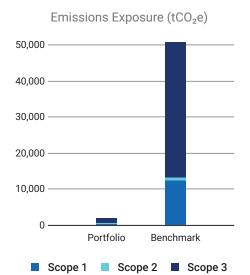
EQUITY

### ■ Carbon Metrics 1 of 3

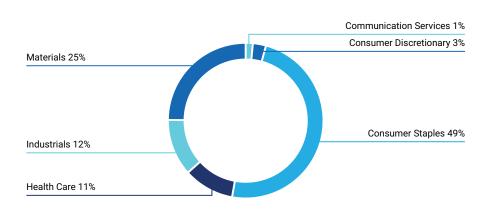
### **Portfolio Overview**

<b>Disclosure</b> Number/Weight			Emission Exposure tCO₂e		Relative Emission Exposure tCO <sub>2</sub> e/Mio EUR Revenue		Climate Performance Weighted Avg
	Share of Disclosing Holdings	Scope 1 & 2	Incl. Scope 3	Relative Carbon Footprint	Carbon Intensity	Weighted Avg Carbon Intensity	Carbon Risk Rating <sup>1</sup>
Portfolio	71.4% / 77.7%	578	1,972	26.40	64.51	73.12	48
Benchmark	97% / 99%	13,216	50,609	603.68	443.98	333.14	48
Net Perforn	nance -25.5 p.p. / -21.2 p.p.	95.6%	96.1%	95.6%	85.5%	78.1%	_

### **Emission Exposure Analysis**



### Sector Contributions to Emissions<sup>2</sup>



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<sup>&</sup>lt;sup>1</sup> Note: Carbon Risk Rating data is current as of the date of report generation.

 $<sup>^2\,\</sup>mbox{Emissions}$  contributions for all other portfolio sectors is less than 1% for each sector.

### **Emission Exposure Analysis (continued)**

Top 10 Contributors to Portfolio Emissions					
Issuer Name	Contribution to Portfolio Emission Exposure (%)	Portfolio Weight (%)	Emissions Reporting Quality	Carbon Risk Rating	
Viscofan SA	23.27%	2.99%	Strong	<ul><li>Laggard</li></ul>	
Jeronimo Martins SGPS SA	19.11%	4.07%	Strong	<ul><li>Medium Performer</li></ul>	
Vidrala SA	15.89%	5.52%	Non-Reporting	<ul><li>Medium Performer</li></ul>	
Corticeira Amorim SGPS SA	8.71%	4.96%	Inconsistent	-	
Ferrovial SA	7.22%	3.15%	Moderate	<ul><li>Medium Performer</li></ul>	
Grifols SA	6.14%	10.58%	Strong	<ul><li>Outperformer</li></ul>	
Coca-Cola European Partners Plc	3.05%	5.14%	Strong	<ul><li>Medium Performer</li></ul>	
Industria de Diseno Textil SA	2.68%	10.33%	Strong	<ul><li>Outperformer</li></ul>	
Wal-Mart de Mexico SAB de CV	2.68%	2.52%	Strong	<ul><li>Medium Performer</li></ul>	
Laboratorios Farmaceuticos Rovi SA	2.31%	6.60%	Non-Reporting	-	
Total for Top 10	91.06%	55.87%			

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#### **Emission Attribution Analysis**

Emission Attribution Analysis examines the extent to which higher or lower GHG exposure between the portfolio and the benchmark can be attributed to sector allocation versus issuer selection. A portfolio with a larger amount of assets allocated to an emissions-intense sector will ultimately have higher GHG emissions exposure. However, this can be offset by the selection of less emissions-intense issuers from that sector. This analysis relates to the carbon footprint of the portfolio, specifically the Emissions Scope 1 & 2 (tCO<sub>2</sub>e) and Relative Carbon Footprint (tCO<sub>2</sub>e/Mio Invested) metrics.

The subsequent table identifies the most emissions-intense issuers in the analysis, the comparative weight for each issuer between the portfolio and benchmark, as well as the sector allocation and issuer selection effects. A positive (green) number represents less greenhouse gas exposure for the issuer in the portfolio relative to the benchmark.

Sector	Portfolio Weight	Benchmark Weight	Difference	Sector Allo	ocation Effect	Issuer Selec	ction Effect
Communication Services	9.03%	12.75%	-3.73%	0.2%	]	0.42%	1
Consumer Discretionary	16.66%	14.55%	2.11%	Į	-0.06%	0.37%	
Consumer Staples	14.72%	0%	14.72%		-5.01%	2.91%	
Health Care	21.9%	3.26%	18.63%	Į	-0.47%	0.1%	1
Industrials	15.15%	6.4%	8.75%		-53.38%	91.92%	
Information Technology	6.9%	7.01%	-0.11%		0%	0.01%	
Materials	10.49%	1.37%	9.11%		-140.49%	160.55%	
Utilities	5.17%	31.11%	-25.94%	21.66%		4.29%	
Energy	0%	2.9%	-2.9%	12.28%			0%
Financials	0%	19.61%	-19.61%	0.28%			0%
Real Estate	0%	1.04%	-1.04%	0.03%			0%
Cumulative Higher (-) and Lower (-	+) Emission Exposure	vs. Benchmark			-164.95%	260.57%	
Higher (-) / Lower (+) Net Emission	n Exposure vs. Benchr	Higher (-) / Lower (+) Net Emission Exposure vs. Benchmark				96%	

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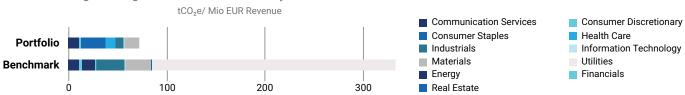
### **Emission Attribution Analysis (continued)**

Highest Emission-Intense Issuers in Combined Portfolio & Benchmark Universe					
Issuer Name	Sector	Emission Exposure Scope 1 & 2 (tCO <sub>2</sub> e)	Carbon Risk Rating	Portfolio Under (-) /	Overexposure (+)
1. ArcelorMittal SA	Materials	15,107.98	<ul> <li>Medium Performer</li> </ul>	[	-0.78%
2. International Consolidated Airlines Group	Industrials	14,535.23	<ul> <li>Medium Performer</li> </ul>		-1.6%
3. Repsol SA	Energy	2,558.7	<ul> <li>Medium Performer</li> </ul>		-2.9%
4. Acerinox SA	Materials	1,616.62	-		-0.59%
5. Endesa SA	Utilities	1,351.54	<ul><li>Medium Performer</li></ul>		-3.01%
6. Naturgy Energy Group SA	Utilities	1,197.25	<ul> <li>Outperformer</li> </ul>		-2.07%
7. ACS Actividades de Construccion y Servici	Industrials	565.76	<ul> <li>Medium Performer</li> </ul>		0%
8. Iberdrola SA	Utilities	413.6	<ul><li>Outperformer</li></ul>		-20.78%
9. Melia Hotels International SA	Consumer Discretionary	268.01	-		-0.17%
10. CIE Automotive SA	Consumer Discretionary	227.66	-		-0.52%
11. Viscofan SA	Consumer Staples	205.57	<ul><li>Laggard</li></ul>	2.99%	
12. Red Electrica Corp. SA	Utilities	134.07	<ul> <li>Outperformer</li> </ul>		-2.7%
13. Jeronimo Martins SGPS SA	Consumer Staples	123.97	<ul> <li>Medium Performer</li> </ul>	4.07%	
14. Acciona SA	Utilities	86.55	<ul> <li>Medium Performer</li> </ul>		-0.95%
15. Telefonica SA	Communication Services	78.28	Medium Performer		-4.87%

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### **Greenhouse Gas Emission Intensity**





Top 10 Emission Intense Cor	

	,	
Issuer Name	Emission Intensity	Peer Group Avg Intensity
1. Viscofan SA	689.65	142.36
2. Vidrala SA	199.75	539.96
3. Ferrovial SA	160.53	205.33
4. Cellnex Telecom SA	120.43	85.43
5. Corticeira Amorim SGPS SA	84.80	277.26
6. Jeronimo Martins SGPS SA	61.57	53.06
7. Aena S.M.E. SA	59.40	47.00
8. Laboratorios Farmaceuticos Rovi SA	53.11	104.31
9. Grifols SA	48.69	17.51
10. Zardoya Otis SA	47.07	74.98

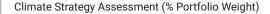
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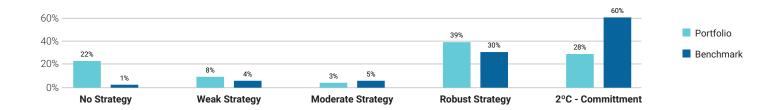
### ■ Climate Scenario Analysis 1 of 2

In order to transition, holdings need to commit to align with the international climate goals and progress on those in the future. Currently, 28.19% of the portfolio's value is committed to such a goal. While this is not a guarantee to reach this goal, the currently 22.27% of the portfolio without a goal is certainly unlikely to transition and should receive special attention from a climate risk conscious investor.

Portfoli	Portfolio Compliance with Emission Budget per Scenario					
	2020	2030	2040	2050		
2°	26.56%	41.89%	70.86%	98.24%		
4°	25.2%	28.02%	30.52%	33.6%		
6°	23.37%	22.64%	21.9%	21.02%		

The strategy in its current state is aligned with a 2 degree scenario for the full analyzed period (until 2050).



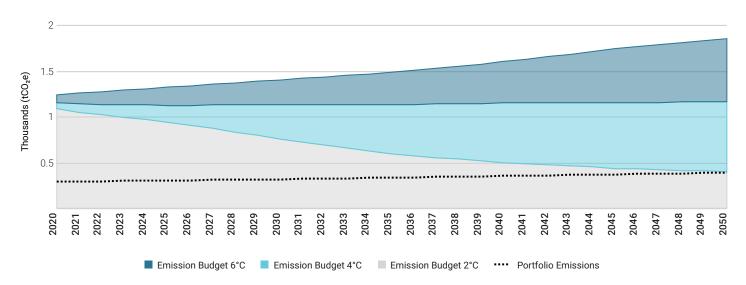


#### **Scenario Analysis**

The climate scenario environment alignment compares current and future portfolio greenhouse gas emissions with the carbon budgets for a below 2 degree Celsius scenario as well as warming scenarios of 4 degrees and 6 degrees Celsius until 2050.

The CI Iberian Equity strategy in its current state is aligned with a 2 degree scenario for the full analyzed period (until 2050).

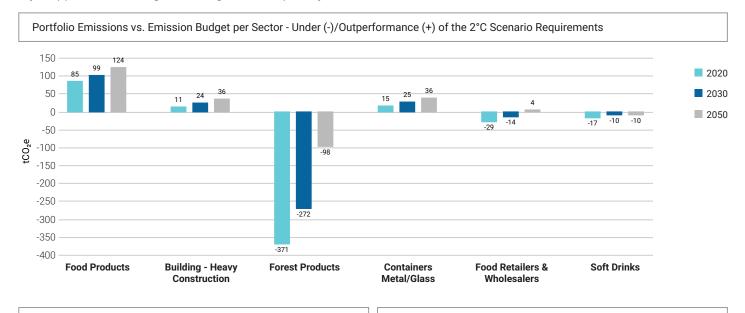
### Portfolio Emission Pathway vs. Climate Scenarios

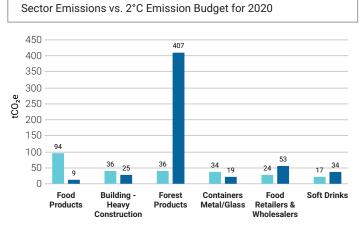


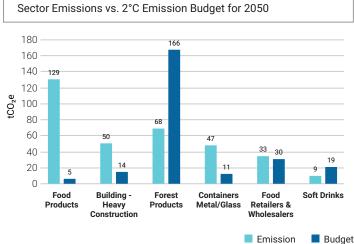
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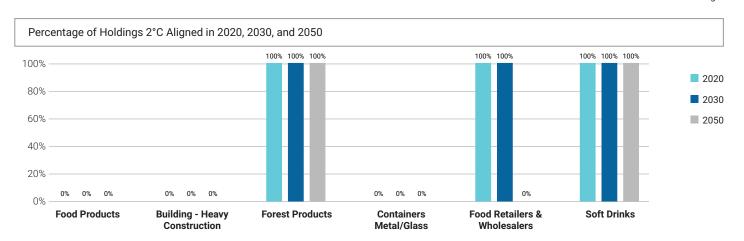
### ■ Climate Scenario Analysis 2 of 2

To contain average global warming to below 2 degrees Celsius, portfolio holdings in certain sectors are still aligned (-), while others are already beyond (+) the emission budget for a 2 degrees Celsius pathway.









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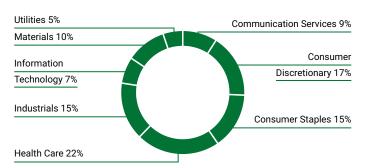
### ■ Physical Climate Risk Analysis

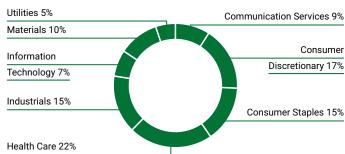
Rising temperature levels, even if limited to 2° Celsius, will result in changes of the climate system resulting in physical risks. Physical risks can be classified into long term weather changes and extreme weather events such as storms, floods, or droughts. Companies' exposure to these two types of physical risk depends on two main factors: their sector as well as the geographical region they are active in.

### **Sector Exposure: Chronic and Acute Physical Risk**

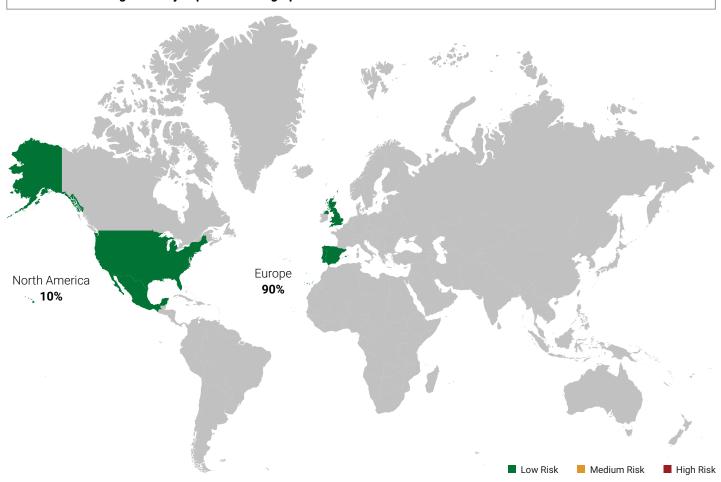


Physical Risk: Acute





### Percent of Holdings Directly Exposed to Geographic & Associated Sector Risk



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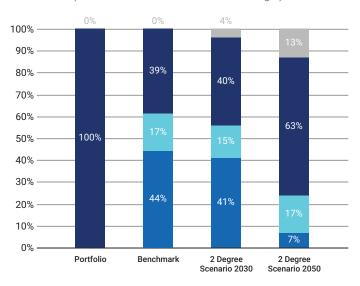
A decarbonized world needs to address both the demand side (for example Utilities burning fossil fuels) and the supply side (i.e. fossil reserves) of future emissions. For Utilities, it matters whether the power generated and power generation planned for the future stem from renewable (green) or fossil (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		Rese	Climate Performance	
	% Generation Output Green Share	% Generation Output Brown Share	% Investment Exposed to Fossil Fuels	Total Potential Future Emissions (ktCO <sub>2</sub> )	Weighted Avg Carbon Risk Rating
Portfolio	100%	-	-	-	48
Benchmark	38.53%	44.14%	3.68%	60.38	48

#### **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 2 degree Celsius 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 Other

Top 5 Utilities' Fossil vs. Renewable Energy Mix					
Issuer Name	% Fossil Fuel Capacity	% Renewable Energy Capacity	% Contribution to Portfolio Emissions	Emissions tCO₂e Scope 1 & 2 /GWh	
EDP Renovaveis SA	0%	100%	0.5%	1.12	

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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  $0~\rm tCO_2$  of potential future emissions, of which - stem from Coal reserves, - 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					
	No Applicable Data				

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
No Applicable Data					

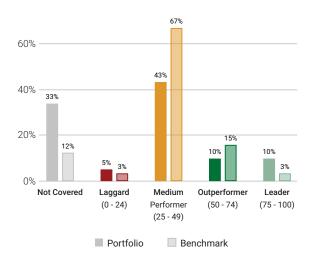
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### **Portfolio Carbon Risk Rating**

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

ISS ESG Rating Industry <sup>1</sup>	Average Ca	rbon Risk Rating	
Renewable Energy (Operation) & Energy Efficiency Equipment		•	97
Food & Beverages	•		34
Transportation Infrastructure	•		27
Utilities/Electric Utilities			-
Electronic Components			-
Financials/Commercial Banks & Capital Markets			-
Machinery			-
Oil & Gas Equipment/Services			-
Oil, Gas & Consumable Fuels			-
Transport & Logistics			-
	0 5	0 10	10

Top 5 <sup>2</sup>	Country	ISS ESG Rating Industry	CRR	Portfolio Weight (consol.)
■ Siemens Gamesa Renewable Energy SA	Spain	Renewable Energy & Energy Efficiency Equipment	98	3.69%
■ EDP Renovaveis SA	Spain	Renewable Energy Operation	96	5.17%
■ Grifols SA	Spain	Pharmaceuticals & Biotechnology	59	10.58%
■ Industria de Diseno Textil SA	Spain	Textiles & Apparel	59	10.33%
Coca-Cola European Partners Plc	United Kingdom	Food & Beverages	48	5.14%

Bottom 5 <sup>2</sup>	Country	ISS ESG Rating Industry	CRR	Portfolio Weight (consol.)
■ Viscofan SA	Spain	Food & Beverages	19	2.99%
Cellnex Telecom SA	Spain	Telecommunications	26	9.03%
MercadoLibre, Inc.	USA	Software & IT Services	26	6.33%
Aena S.M.E. SA	Spain	Transportation Infrastructure	27	1.63%
■ Wal-Mart de Mexico SAB de CV	Mexico	Retail	31	2.52%

<sup>&</sup>lt;sup>1</sup> The proprietary ISS ESG Rating industry Classification is intended to group companies from an ESG perspective and might differ from other classification systems.

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<sup>&</sup>lt;sup>2</sup> 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.

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