



#### OVERVIEW

DATE OF HOLDINGS COVERAGE 31 MAR 2020 100%

AMOUNT INVESTED BENCHMARK USED 15,114,390 EUR SP 100 US

PORTFOLIO TYPE EQUITY

# CI Bolsa USA

Climate Impact Assessment

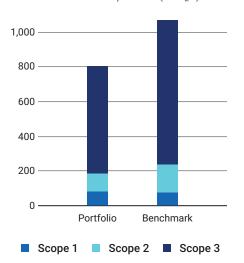
## Carbon Metrics 1 of 3

#### **Portfolio Overview**

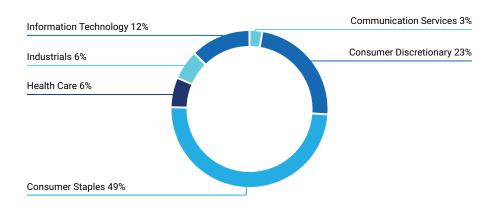
<b>Disclosure</b> Number/Weight		Emission Exposure tCO <sub>2</sub> e				ission Exposure EUR Revenue	Climate Performance Weighted Avg
	Share of Disclosing Holdings	Scope 1 & 2	Incl. Scope 3	Relative Carbon Footprint	Carbon Intensity	Weighted Avg Carbon Intensity	Carbon Risk Rating <sup>1</sup>
Portfolio	89.3% / 93.5%	185	804	12.26	40.27	36.84	41
Benchmark	91.9% / 92%	234	1,067	15.49	66.97	35.84	42
Net Performa	-2.6 p.p. / 1.5 p.p.	20.8%	24.7%	20.8%	39.9%	-2.8%	-

# **Emission Exposure Analysis**





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



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

<sup>&</sup>lt;sup>2</sup> 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		
Kimberly-Clark Corp.	30.60%	3.67%	Strong	<ul><li>Outperformer</li></ul>		
PepsiCo, Inc.	12.55%	4.55%	Strong	Medium Performer		
Williams-Sonoma, Inc.	12.40%	1.72%	Non-Reporting	<ul><li>Laggard</li></ul>		
Taiwan Semiconductor Manufacturing Co.,	8.63%	2.67%	Strong	<ul><li>Outperformer</li></ul>		
Tractor Supply Co.	6.97%	2.87%	Inconsistent	<ul><li>Laggard</li></ul>		
The Procter & Gamble Company	5.98%	4.22%	Strong	<ul><li>Outperformer</li></ul>		
Stanley Black & Decker, Inc.	3.37%	1.65%	Strong	<ul><li>Medium Performer</li></ul>		
The Home Depot, Inc.	2.82%	3.05%	Moderate	Medium Performer		
Intel Corp.	2.79%	2.79%	Strong	<ul><li>Medium Performer</li></ul>		
The Walt Disney Company	2.15%	2.24%	Moderate	Medium Performer		
Total for Top 10	88.26%	29.43%				

#### ■ Carbon Metrics 2 of 3

## **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.

Top Sectors to Emission Attribution Exposure vs.Benchmark							
Sector	Portfolio Weight	Benchmark Weight	Difference	Sector Allocation Effect Issuer Selection		tion Effect	
Communication Services	7.78%	19.49%	-11.71%	6.85%	]	2.47%	
Consumer Discretionary	15.45%	3.12%	12.32%		-9.05%		-7.22%
Consumer Staples	12.44%	9.3%	3.14%		-3.94%		-23.3%
Financials	4.67%	9.77%	-5.1%	35.09%		31.96%	
Health Care	24.83%	5.77%	19.06%		-10.16%	8.4%	
Industrials	6.49%	0.01%	6.48%		-34.38%	29.63%	
Information Technology	28.35%	52.52%	-24.17%	1.68%			-7.84%
Energy	0%	0.01%	-0.01%	0.26%			0%
Materials	0%	0%	-0%	0.06%			0%
Other	0%	0%	-0%	0.04%			0%
Real Estate	0%	0%	-0%		0%		0%
Utilities	0%	0%	-0%	0.27%			0%
Cumulative Higher (-) and Lower (+) Emission Exposure vs. Benchmark					-13.28%	34.1%	
Higher (-) / Lower (+) Net Emission	n Exposure vs. Benchn	nark			2	21%	

# **Emission Attribution Analysis (continued)**

Highest Emission-Intense Issuers in Combined Portfolio & Benchmark Universe							
Issuer Name	Sector	Emission Exposure Scope 1 & 2 (tCO₂e)	Carbon Risk Rating	Portfolio Under (-) / Overexposure (+)			
1. DuPont de Nemours, Inc.	Materials	2,487.48	<ul> <li>Medium Performer</li> </ul>	0%			
2. Occidental Petroleum Corporation	Energy	2,283.36	<ul><li>Laggard</li></ul>	0%			
3. The Southern Co.	Utilities	1,973.32	<ul> <li>Medium Performer</li> </ul>	0%			
4. NotCollected	NotCollected	1,816.58	<ul><li>Laggard</li></ul>	0%			
5. Duke Energy Corp.	Utilities	1,787.46	<ul> <li>Medium Performer</li> </ul>	0%			
6. Exxon Mobil Corp.	Energy	847.92	<ul><li>Laggard</li></ul>	0%			
7. ConocoPhillips	Energy	671.32	<ul><li>Laggard</li></ul>	0%			
8. FedEx Corporation	Industrials	562.01	<ul> <li>Medium Performer</li> </ul>	0%			
9. Chevron Corp.	Energy	508.37	<ul><li>Laggard</li></ul>	0%			
10. Exelon Corp.	Utilities	439.47	<ul><li>Outperformer</li></ul>	0%			
11. NextEra Energy, Inc.	Utilities	393.17	<ul><li>Outperformer</li></ul>	0%			
12. Kinder Morgan, Inc.	Energy	371.42	<ul><li>Laggard</li></ul>	0%			
13. Ford Motor Co.	Consumer Discretionary	267.54	<ul><li>Laggard</li></ul>	0%			
14. General Motors Co.	Consumer Discretionary	209.78	<ul><li>Laggard</li></ul>	0%			
15. United Parcel Service, Inc.	Industrials	200.53	<ul><li>Medium Performer</li></ul>	0%			

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# **Greenhouse Gas Emission Intensity**



Top 10 Emission Intense Companies (tCO₂e Scope 1 & 2/Revenue Millions)					
Issuer Name	Emission Intensity	Peer Group Avg Intensity			
1. Taiwan Semiconductor Manufacturing Co., Ltd.	292.34	254.09			
2. Kimberly-Clark Corp.	259.47	69.40			
3. PepsiCo, Inc.	93.71	59.75			
4. The Procter & Gamble Company	75.61	47.73			
5. Williams-Sonoma, Inc.	53.74	16.12			
6. Intel Corp.	42.93	13.37			
7. Tractor Supply Co.	39.64	16.12			
8. The Walt Disney Company	37.10	23.28			
9. Merck & Co., Inc.	32.61	104.31			
0. Stanley Black & Decker, Inc.	29.53	41.76			

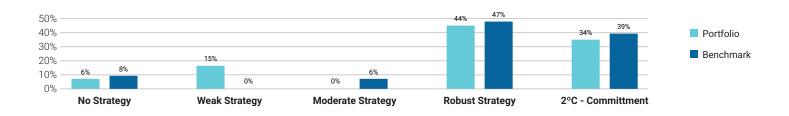
## ■ Climate Scenario Analysis 1 of 2

In order to transition, holdings need to commit to align with the international climate goals and progress on those in the future. Currently, 34.04% of the portfolio's value is committed to such a goal. While this is not a guarantee to reach this goal, the currently 6.49% of the portfolio without a goal is certainly unlikely to transition and should receive special attention from a climate risk conscious investor.

	Portfolio Compliance with Emission Budget per Scenario							
		2020	2030	2040	2050			
ſ	2°	44.89%	62.81%	75.63%	91.95%			
	4°	41.83%	44.18%	46.13%	48.51%			
	6°	39.54%	37.01%	35.8%	35.96%			

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

#### Climate Strategy Assessment (% Portfolio Weight)

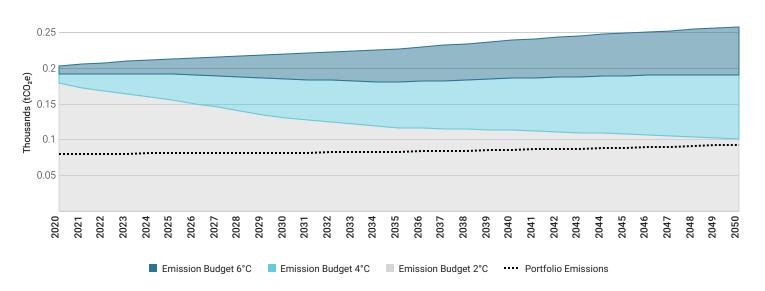


### **Scenario Analysis**

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

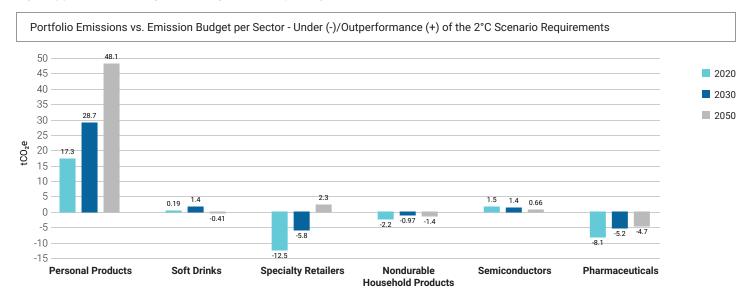
#### Portfolio Emission Pathway vs. Climate Scenarios

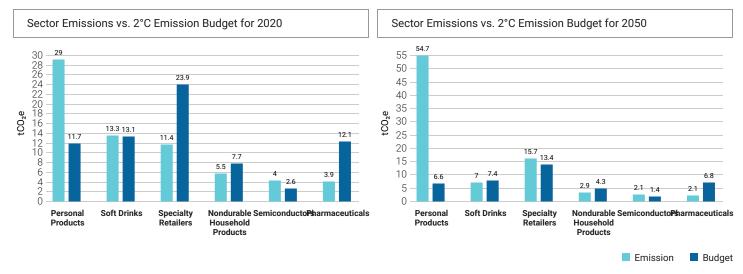


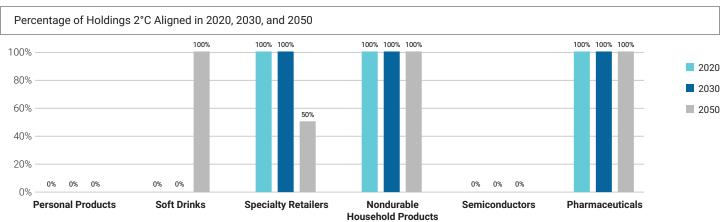
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## ■ Climate Scenario Analysis 2 of 2

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.







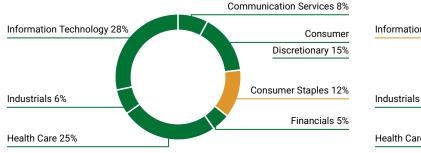
# ■ Physical Climate Risk Analysis

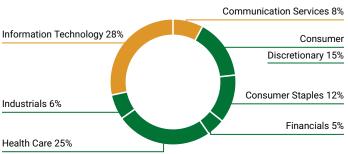
Rising temperature levels, even if limited to 2° Celsius, will result in changes of the climate system resulting in physical risks. Physical risks can be classified into long term weather changes and extreme weather events such as storms, floods, or droughts. Companies' exposure to these two types of 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**

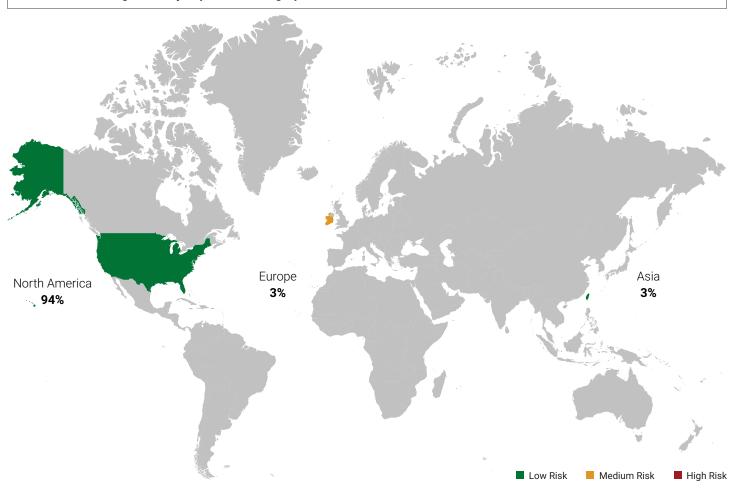
Physical Risk: Chronic

Physical Risk: Acute





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



# ■ Transition Climate Risk Analysis 1 of 3

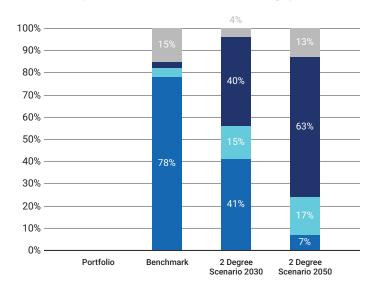
A decarbonized world needs to address both the demand side (for example Utilities burning fossil fuels) and the supply side (i.e. fossil reserves) of future emissions. For Utilities, it matters whether the power generated and power generation planned for the future stem from renewable (green) or fossil (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		
	% Installed Capacity Green Share	% Installed Capacity Brown Share	% Investment Exposed to Fossil Fuels	Total Potential Future Emissions (ktCO <sub>2</sub> )	Weighted Avg Carbon Risk Rating	
Portfolio	-	-	-	-	41	
Benchmark	3.04%	78.02%	5.46%	0.14	42	

#### **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 2020 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

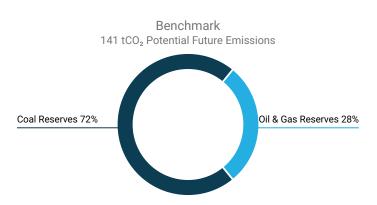
Top 5 Utilities' Fossil vs. Renewable Energy Mix						
Issuer Name	% Fossil Fuel Capacity	% Renewable Energy Capacity	% Contribution to Portfolio Emissions	Emissions tCO₂e Scope 1 & 2 /GWh		
-		-	-			

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# ■ Transition Climate Risk Analysis 2 of 3

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  $0 \text{ tCO}_2$  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		
Fortive Corp.	2.58%	-	Services	-	Services		
Xylem, Inc.	2.26%	-	Services	Services	Services		

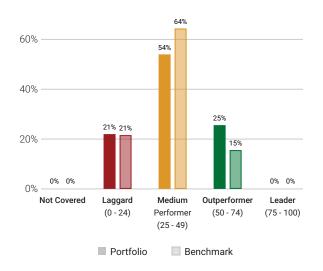
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# ■ Transition Climate Risk Analysis 3 of 3

## **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 Car	bon Risk Rating	
Food & Beverages	•		3
Machinery	•		3
Renewable Energy (Operation) & Energy Efficiency Equipment			
Utilities/Electric Utilities			
Electronic Components			
Financials/Commercial Banks & Capital Markets			
Transportation Infrastructure			
Oil & Gas Equipment/Services			
Oil, Gas & Consumable Fuels			
Transport & Logistics			

Top 5 <sup>2</sup>	Country	ISS ESG Rating Industry	CRR	Portfolio Weight (consol.)
■ The Procter & Gamble Company	USA	Household & Personal Products	62	4.22%
■ NIKE, Inc.	USA	Textiles & Apparel	58	3.03%
■ Bristol-Myers Squibb Co.	USA	Pharmaceuticals & Biotechnology	55	3.31%
■ Taiwan Semiconductor Manufacturing Co.,	Taiwan	Semiconductors	55	2.67%
S&P Global, Inc.	USA	Financials/Others	51	4.67%

Bottom 5 <sup>2</sup>	Country	ISS ESG Rating Industry	CRR	Portfolio Weight (consol.)
Fortive Corp.	USA	Machinery	13	2.58%
■ Booking Holdings, Inc.	USA	Software & IT Services	16	2.28%
Stryker Corp.	USA	Health Care Equipment & Supplies	19	3.7%
■ Williams-Sonoma, Inc.	USA	Retail	20	1.72%
■ Tractor Supply Co.	USA	Retail	24	2.87%

<sup>■</sup> Climate Laggard (0 - 24) 
Climate Medium Performer (25 - 49) 
Climate Outperformer (50 - 74) 
Climate Leader (75 - 100)

<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.

<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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