Bloomberg Global Aggregate Green Social Sustainability Bond Indices

ESG Fixed Income Benchmark Regulation Disclosure Report

July 2023

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Environmental Disclosure

Index ID	Index Name	HCI Sector Exposure ¹ GHG Intensity ² (tCO2e/EVIC)		GHG Emissions (reported versus estimated)			Fossil Fuel Exposure ³			Green Exposure		Green Bonds		ds				
		%	MV	Count	Actual	MV	Count	%	MV	Count	%	MV	Count	%	Count	%	MV	Count
137379	Bloomberg Global Aggregate EUR Green Bond Index	28.7	100.0	100.0	1463.1	30.8	43.6	54.7	66.4	87.8	0.8	100.0	100.0	2.4	100.0	100.0	100.0	100.0
137358	Bloomberg Global Aggregate EUR Green Social Sustainability Bond Index	21.2	100.0	100.0	1342.5	23.5	36.2	51.9	59.1	81.9	0.5	100.0	100.0	1.6	100.0	69.0	100.0	100.0
137380	Bloomberg Global Aggregate EUR Social Bond Index	1.5	100.0	100.0	43.4	4.3	9.2	41.5	38.4	69.7	0.0	100.0	100.0	0.0	100.0	0.0	100.0	100.0
137381	Bloomberg Global Aggregate EUR Sustainability Bond Index	11.3	100.0	100.0	248.3	13.0	20.9	43.6	52.2	59.7	0.0	100.0	100.0	0.0	100.0	0.0	100.0	100.0
137362	Bloomberg Global Aggregate ex-JPY Green Bond Index	30.9	100.0	99.9	1241.5	28.7	37.4	45.8	67.6	83.6	0.8	100.0	99.9	2.3	100.0	100.0	100.0	100.0
137361	Bloomberg Global Aggregate ex-JPY Green Social Sustainability Bond Index	22.8	100.0	100.0	1102.2	21.7	30.7	43.0	58.3	77.5	0.5	100.0	100.0	1.7	100.0	64.0	100.0	99.8
137384	Bloomberg Global Aggregate ex-JPY Social Bond Index	1.7	100.0	100.0	25.6	5.6	9.1	40.6	39.1	65.9	0.0	100.0	100.0	0.0	100.0	0.0	99.9	98.4
137385	Bloomberg Global Aggregate ex-JPY Sustainability Bond Index	14.7	100.0	100.0	455.1	12.6	19.3	29.6	44.2	62.3	0.0	100.0	100.0	1.4	100.0	0.0	100.0	100.0
137360	Bloomberg Global Aggregate ex-USD Green Bond Index	26.5	100.0	99.9	1368.5	27.6	39.1	50.6	64.1	84.1	0.6	100.0	99.9	2.4	100.0	100.0	100.0	100.0
137359	Bloomberg Global Aggregate ex-USD Green Social Sustainability Bond Index	21.1	100.0	99.9	1247.6	21.2	31.8	47.7	57.2	78.1	0.4	100.0	99.9	2.0	100.0	67.4	100.0	100.0
137382	Bloomberg Global Aggregate ex-USD Social Bond Index	5.4	100.0	100.0	43.0	4.7	9.1	37.1	41.4	71.2	0.0	100.0	100.0	0.0	100.0	0.0	100.0	100.0
137383	Bloomberg Global Aggregate ex-USD Sustainability Bond Index	16.8	100.0	100.0	549.4	12.6	20.3	40.6	45.5	58.5	0.0	100.0	100.0	2.7	100.0	0.0	100.0	100.0
137372	Bloomberg Global Aggregate Green Bond Aggregate 1-10 Year Index	33.7	100.0	99.9	1280.6	34.6	40.3	46.9	79.2	86.3	1.0	100.0	99.9	2.4	100.0	100.0	100.0	100.0
137364	Bloomberg Global Aggregate Green Bond Index	30.9	100.0	99.9	1237.2	28.7	37.4	45.8	67.6	83.3	0.8	100.0	99.9	2.3	100.0	100.0	100.0	100.0
137357	Bloomberg Global Aggregate Green Social Sustainability Bond 1-10 Year Index	24.7	100.0	99.9	1146.0	25.7	33.7	43.6	67.0	80.9	0.6	100.0	99.9	1.7	100.0	63.1	100.0	99.8
137363	Bloomberg Global Aggregate Green Social Sustainability Bond Index	23.3	100.0	100.0	1106.3	21.7	30.6	42.7	58.5	77.6	0.5	100.0	100.0	1.7	100.0	63.6	100.0	99.8
137373	Bloomberg Global Aggregate Social Bond 1-10 Year Index	4.9	100.0	100.0	33.9	6.4	11.3	38.1	43.5	71.8	0.0	100.0	100.0	0.0	100.0	0.0	99.8	98.6
137365	Bloomberg Global Aggregate Social Bond Index	4.5	100.0	100.0	29.7	5.6	8.9	38.0	40.8	67.9	0.0	100.0	100.0	0.0	100.0	0.0	99.9	98.6
137374	Bloomberg Global Aggregate Sustainability Bond 1-10 Year Index	13.8	100.0	100.0	541.6	14.6	23.0	30.2	48.6	65.7	0.0	100.0	100.0	0.9	100.0	0.0	100.0	100.0
137356	Bloomberg Global Aggregate Sustainability Bond Index	15.5	100.0	100.0	574.5	13.3	20.6	30.9	44.7	62.9	0.0	100.0	100.0	1.4	100.0	0.0	100.0	100.0
137376	Bloomberg Global Aggregate USD Green Bond Index	47.8	100.0	100.0	811.7	32.7	33.0	31.2	81.0	81.5	1.6	100.0	100.0	1.8	100.0	100.0	100.0	100.0
137375	Bloomberg Global Aggregate USD Green Social Sustainability Bond Index	29.8	100.0	100.0	723.2	23.2	27.7	29.3	62.4	76.2	0.8	100.0	100.0	0.9	100.0	52.2	99.9	99.4
137377	Bloomberg Global Aggregate USD Social Bond Index	0.5	100.0	100.0	0.9	9.4	8.2	42.0	38.1	55.7	0.0	100.0	100.0	0.0	100.0	0.0	99.2	93.4
137378	Bloomberg Global Aggregate USD Sustainability Bond Index	13.9	100.0	100.0	599.6	14.1	21.2	19.7	43.8	69.9	0.0	100.0	100.0	0.0	100.0	0.0	100.0	100.0

¹HCI Sector Exposure is the degree of exposure of the sectors listed in Sections A to H and Section L of Annex I to Regulation (EC) No 1893/200

² Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions models click here

³ Fossil Fuel Exposure is the degree of exposure of the benchmark portfolio to companies the activities of which fall under Divisions 05 to 09, 19 and 20 of Annex I to Regulation (EC) No 1893/20

Social Disclosure

Index ID	Index Name	Social Violations		Controversial Weapons ¹			Tobacco			ILO Polic	y Non-Co	mpliance	Si	ds		
		%	MV	Count	%	MV	Count	%	MV	Count	%	MV	Count	%	MV	Count
137379	Bloomberg Global Aggregate EUR Green Bond Index	1.9	60.5	79.4	0.0	60.5	79.4	0.0	60.5	79.4	12.5	60.4	79.0	0.0	100.0	100.0
137358	Bloomberg Global Aggregate EUR Green Social Sustainability Bond Index	1.7	51.9	72.4	0.0	51.9	72.4	0.0	51.9	72.4	12.8	51.7	72.0	21.2	100.0	100.0
137380	Bloomberg Global Aggregate EUR Social Bond Index	0.0	24.9	51.3	0.0	24.9	51.3	0.0	24.9	51.3	11.0	24.9	51.3	100.0	100.0	100.0
137381	Bloomberg Global Aggregate EUR Sustainability Bond Index	1.7	49.3	53.0	0.0	49.3	53.0	0.0	49.3	53.0	18.9	48.8	52.2	0.0	100.0	100.0
137362	Bloomberg Global Aggregate ex-JPY Green Bond Index	1.9	59.5	70.4	0.0	59.5	70.4	0.1	59.5	70.4	16.8	59.3	70.0	0.0	100.0	100.0
137361	Bloomberg Global Aggregate ex-JPY Green Social Sustainability Bond Index	3.0	53.3	65.2	0.0	53.3	65.2	0.0	53.3	65.2	15.8	53.2	64.9	17.6	100.0	100.0
137384	Bloomberg Global Aggregate ex-JPY Social Bond Index	5.9	26.5	48.0	0.0	26.5	48.0	0.0	26.5	48.0	12.0	26.5	48.0	100.0	100.0	100.0
137385	Bloomberg Global Aggregate ex-JPY Sustainability Bond Index	5.4	57.5	56.7	0.0	57.5	56.7	0.0	57.5	56.7	16.0	57.3	56.5	0.0	100.0	100.0
137360	Bloomberg Global Aggregate ex-USD Green Bond Index	1.7	57.8	74.2	0.0	57.8	74.2	0.0	57.8	74.2	14.4	57.7	73.9	0.0	100.0	100.0
137359	Bloomberg Global Aggregate ex-USD Green Social Sustainability Bond Index	1.6	49.9	66.3	0.0	49.9	66.3	0.0	49.9	66.3	13.6	49.8	66.1	19.6	100.0	100.0
137382	Bloomberg Global Aggregate ex-USD Social Bond Index	0.0	25.2	46.1	0.0	25.2	46.1	0.0	25.2	46.1	11.4	25.2	46.1	100.0	100.0	100.0
137383	Bloomberg Global Aggregate ex-USD Sustainability Bond Index	2.6	46.0	50.4	0.0	46.0	50.4	0.0	46.0	50.4	12.7	45.6	50.0	0.0	100.0	100.0
137372	Bloomberg Global Aggregate Green Bond Aggregate 1-10 Year Index	2.1	70.3	74.3	0.0	70.3	74.3	0.1	70.3	74.3	19.2	70.1	73.9	0.0	100.0	100.0
137364	Bloomberg Global Aggregate Green Bond Index	1.9	59.5	70.2	0.0	59.5	70.2	0.1	59.5	70.2	16.8	59.2	69.8	0.0	100.0	100.0
137357	Bloomberg Global Aggregate Green Social Sustainability Bond 1-10 Year Index	2.8	61.5	69.2	0.0	61.5	69.2	0.0	61.5	69.2	17.3	61.3	69.0	18.5	100.0	100.0
137363	Bloomberg Global Aggregate Green Social Sustainability Bond Index	3.1	53.1	64.5	0.0	53.1	64.5	0.0	53.1	64.5	15.7	52.9	64.2	18.0	100.0	100.0
137373	Bloomberg Global Aggregate Social Bond 1-10 Year Index	3.9	27.8	48.4	0.0	27.8	48.4	0.0	27.8	48.4	10.9	27.8	48.4	100.0	100.0	100.0
137365	Bloomberg Global Aggregate Social Bond Index	5.9	25.9	44.6	0.0	25.9	44.6	0.0	25.9	44.6	11.6	25.9	44.6	100.0	100.0	100.0
137374	Bloomberg Global Aggregate Sustainability Bond 1-10 Year Index	4.8	65.1	63.7	0.0	65.1	63.7	0.0	65.1	63.7	17.3	65.1	63.7	0.0	100.0	100.0
137356	Bloomberg Global Aggregate Sustainability Bond Index	6.0	57.7	57.2	0.0	57.7	57.2	0.0	57.7	57.2	15.8	57.6	57.0	0.0	100.0	100.0
137376	Bloomberg Global Aggregate USD Green Bond Index	2.9	65.8	60.1	0.0	65.8	60.1	0.3	65.8	60.1	25.9	65.3	59.4	0.0	100.0	100.0
137375	Bloomberg Global Aggregate USD Green Social Sustainability Bond Index	6.6	62.6	60.0	0.0	62.6	60.0	0.2	62.6	60.0	21.8	62.4	59.6	13.4	100.0	100.0
137377	Bloomberg Global Aggregate USD Social Bond Index	27.8	29.1	39.3	0.0	29.1	39.3	0.0	29.1	39.3	12.5	29.1	39.3	100.0	100.0	100.0
137378	Bloomberg Global Aggregate USD Sustainability Bond Index	8.4	70.9	67.9	0.0	70.9	67.9	0.0	70.9	67.9	19.4	70.9	67.9	0.0	100.0	100.0

¹Represents the weighted average percentage of index constituent companies involved in any activities related to controversial weapons. Includes any kind of involvement in the following weapons categories: anti personnel mines, biological & chemical weapons, cluster weapons, depleted uranium, nuclear weapons, and white phosphorus. International treaties and conventions used to define Controversial Weapons include Non-proliferation Treaty (1968), Biological and Toxin Weapons Convention (1977), Anti-Personnel Mine Ban Convention on Cluster Munitions (2008), United Nations Convention on Certain Conventional Weapons (1980), and Convention on the Physical Protection of Nuclear Material (1980).

Social Disclosure (cont'd)

Index ID	Index Name	Gender Pay Gap Ratio			Female-	to-Male [Directors	Accidents, Injuries, Fatalities			Corruption, Bribery, Conviction, Fines		
		%	MV	Count	%	MV	Count	%	MV	Count	Number	Amount ¹	
137379	Bloomberg Global Aggregate EUR Green Bond Index	45.3	5.2	7.2	38.6	43.5	59.3	0.7	6.4	9.4	13	0.00	
137358	Bloomberg Global Aggregate EUR Green Social Sustainability Bond Index	53.8	4.7	6.9	38.9	37.0	52.9	0.7	4.4	7.1	14	0.00	
137380	Bloomberg Global Aggregate EUR Social Bond Index	92.5	3.8	7.2	40.2	17.3	32.2	0.0	0.0	0.0	1	0.00	
137381	Bloomberg Global Aggregate EUR Sustainability Bond Index	51.1	2.4	4.5	40.5	34.1	36.6	0.1	0.7	1.5	0	0.00	
137362	Bloomberg Global Aggregate ex-JPY Green Bond Index	46.0	4.0	4.8	34.3	43.1	52.0	0.7	5.5	7.1	16	0.00	
137361	Bloomberg Global Aggregate ex-JPY Green Social Sustainability Bond Index	50.0	3.7	4.7	34.7	36.2	45.9	0.7	3.7	5.2	17	0.00	
137384	Bloomberg Global Aggregate ex-JPY Social Bond Index	86.2	3.3	6.0	38.5	20.1	33.7	0.0	0.0	0.0	1	0.00	
137385	Bloomberg Global Aggregate ex-JPY Sustainability Bond Index	29.4	2.9	3.6	34.3	27.3	30.8	0.1	0.9	1.3	0	0.00	
137360	Bloomberg Global Aggregate ex-USD Green Bond Index	44.5	4.6	6.1	36.9	41.5	54.6	0.7	5.6	8.0	13	0.00	
137359	Bloomberg Global Aggregate ex-USD Green Social Sustainability Bond Index	52.1	4.0	5.6	37.2	35.1	47.3	0.6	4.0	6.2	14	0.00	
137382	Bloomberg Global Aggregate ex-USD Social Bond Index	85.5	3.7	6.4	38.5	18.4	32.4	0.4	0.2	0.9	1	0.00	
137383	Bloomberg Global Aggregate ex-USD Sustainability Bond Index	49.1	1.6	2.8	38.0	26.7	29.3	0.1	1.4	2.8	0	0.00	
137372	Bloomberg Global Aggregate Green Bond Aggregate 1-10 Year Index	51.0	4.8	5.0	33.9	50.8	55.2	0.8	6.1	7.3	15	0.00	
137364	Bloomberg Global Aggregate Green Bond Index	46.0	4.0	4.8	34.2	43.0	51.8	0.7	5.5	7.1	16	0.00	
137357	Bloomberg Global Aggregate Green Social Sustainability Bond 1-10 Year Index	55.4	4.2	4.7	34.1	41.8	49.4	0.7	4.1	5.8	16	0.00	
137363	Bloomberg Global Aggregate Green Social Sustainability Bond Index	50.0	3.7	4.6	34.5	36.1	45.5	0.7	3.8	5.4	17	0.00	
137373	Bloomberg Global Aggregate Social Bond 1-10 Year Index	92.9	3.8	5.6	37.4	20.4	33.3	0.4	0.2	0.9	1	0.00	
137365	Bloomberg Global Aggregate Social Bond Index	86.2	3.2	5.4	38.3	19.7	31.8	0.4	0.2	0.7	1	0.00	
137374	Bloomberg Global Aggregate Sustainability Bond 1-10 Year Index	26.2	2.4	3.0	33.4	32.3	37.0	0.1	1.5	3.0	0	0.00	
137356	Bloomberg Global Aggregate Sustainability Bond Index	29.4	2.8	3.5	33.6	28.0	32.1	0.1	1.5	2.5	0	0.00	
137376	Bloomberg Global Aggregate USD Green Bond Index	61.0	1.8	1.4	25.6	48.8	44.7	1.1	5.1	4.8	3	0.00	
137375	Bloomberg Global Aggregate USD Green Social Sustainability Bond Index	39.8	2.5	2.2	27.6	39.1	41.2	0.9	3.2	3.6	3	0.00	
137377	Bloomberg Global Aggregate USD Social Bond Index	99.0	0.9	1.6	37.9	25.6	29.5	0.0	0.0	0.0	0	0.00	
137378	Bloomberg Global Aggregate USD Sustainability Bond Index	21.2	4.2	4.5	29.2	29.5	36.5	0.1	1.5	1.9	0	0.00	

¹ To account for the limitations of available ESG data in the above calculations, if no data is available (blank values) at the time of producing these reports, a zero ("0") value is assigned and included in the calculations.

Governance Disclosure

Index ID	Index Name	Board	l Indepen	dence	Board Diversity				
		%	MV	Count	%	MV	Count		
137379	Bloomberg Global Aggregate EUR Green Bond Index	69.5	34.2	49.5	38.6	43.5	59.3		
137358	Bloomberg Global Aggregate EUR Green Social Sustainability Bond Index	69.4	27.0	42.4	38.9	37.0	52.9		
137380	Bloomberg Global Aggregate EUR Social Bond Index	65.9	10.7	22.4	40.2	17.3	32.2		
137381	Bloomberg Global Aggregate EUR Sustainability Bond Index	74.5	11.8	20.9	40.5	34.1	36.6		
137362	Bloomberg Global Aggregate ex-JPY Green Bond Index	65.9	33.8	43.3	34.3	43.1	52.0		
137361	Bloomberg Global Aggregate ex-JPY Green Social Sustainability Bond Index	67.6	26.8	36.8	34.7	36.2	45.9		
137384	Bloomberg Global Aggregate ex-JPY Social Bond Index	70.4	13.2	23.8	38.5	20.1	33.7		
137385	Bloomberg Global Aggregate ex-JPY Sustainability Bond Index	78.1	15.3	20.9	34.3	27.3	30.8		
137360	Bloomberg Global Aggregate ex-USD Green Bond Index	66.2	32.1	44.3	36.9	41.5	54.6		
137359	Bloomberg Global Aggregate ex-USD Green Social Sustainability Bond Index	66.3	25.3	36.9	37.2	35.1	47.3		
137382	Bloomberg Global Aggregate ex-USD Social Bond Index	64.9	11.6	22.8	38.5	18.4	32.4		
137383	Bloomberg Global Aggregate ex-USD Sustainability Bond Index	69.9	10.8	17.9	38.0	26.7	29.3		
137372	Bloomberg Global Aggregate Green Bond Aggregate 1-10 Year Index	66.1	40.1	45.9	33.9	50.8	55.2		
137364	Bloomberg Global Aggregate Green Bond Index	65.8	33.8	43.2	34.2	43.0	51.8		
137357	Bloomberg Global Aggregate Green Social Sustainability Bond 1-10 Year Index	67.4	31.2	39.8	34.1	41.8	49.4		
137363	Bloomberg Global Aggregate Green Social Sustainability Bond Index	67.3	26.8	36.7	34.5	36.1	45.5		
137373	Bloomberg Global Aggregate Social Bond 1-10 Year Index	66.8	14.2	24.9	37.4	20.4	33.3		
137365	Bloomberg Global Aggregate Social Bond Index	69.2	13.1	22.9	38.3	19.7	31.8		
137374	Bloomberg Global Aggregate Sustainability Bond 1-10 Year Index	77.9	18.1	25.7	33.4	32.3	37.0		
137356	Bloomberg Global Aggregate Sustainability Bond Index	76.1	16.1	22.4	33.6	28.0	32.1		
137376	Bloomberg Global Aggregate USD Green Bond Index	64.7	40.4	40.4	25.6	48.8	44.7		
137375	Bloomberg Global Aggregate USD Green Social Sustainability Bond Index	69.6	31.3	36.1	27.6	39.1	41.2		
137377	Bloomberg Global Aggregate USD Social Bond Index	80.6	19.3	23.0	37.9	25.6	29.5		
137378	Bloomberg Global Aggregate USD Sustainability Bond Index	79.4	22.0	29.5	29.2	29.5	36.5		

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