

Bloomberg MSCI Fixed Income Paris-Aligned & Climate Transition Indices

ESG Fixed Income Benchmark Regulation Disclosure Report

August 2025

ESG data disclosure under Regulation EU 2020/1816



Bloomberg MSCI ESG Disclosure Report

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Overall Disclosure

Index ID	Index Name	ESG Rating			UNGC Violations			Top 10 Companies (by Ticker)
		Score	MV	Count	%	MV	Count	
I32474	Bloomberg MSCI Euro Corporate SRI PAB	7.6	100.0	100.0	0.0	100.0	100.0	BNP,BFCM,ACAFP,INTNED,BPCEGP,SOCGEN,SANTAN,SIEGR,ORAFF,UBS
I34235	Bloomberg MSCI Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	7.5	100.0	100.0	0.0	100.0	100.0	BFCM,BKNG,BNP,LIN,INTNED,ACAFP,BPCEGP,NOVOB,ORAFF,VZ
I34701	Bloomberg MSCI 1-3 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	7.6	100.0	100.0	0.0	100.0	100.0	HNDA,INTNED,SOCGEN,ORFP,NOVOB,AMT,SANTAN,CLNXSM,GM,SGOFF
I34794	Bloomberg MSCI 3-5 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	7.5	100.0	100.0	0.0	100.0	100.0	BNP,ORAFF,INTNED,SOCGEN,BFCM,GM,NTT,NWG,SGOFF,NOVOB
I35242	Bloomberg MSCI Euro Corporate SRI 0-5 Year PAB	7.5	100.0	100.0	0.0	100.0	100.0	BNP,BFCM,SOCGEN,ACAFP,INTNED,UBS,BPCEGP,SANTAN,DB,ORAFF
I35461	Bloomberg MSCI USD Liquid Investment Grade Corporate SRI PAB	7.0	100.0	100.0	0.0	100.0	100.0	GS,HSBC,T,ABBV,ORCL,JPM,C,VZ,UNH,CHTR
I35551	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index	7.2	100.0	100.0	0.0	100.0	100.0	MS,GS,HSBC,JPM,BAC,BACR,VZ,GILD,HD,OKE
I35552	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index	8.0	100.0	100.0	0.0	100.0	100.0	BFCM,ACAFP,INTNED,BPCEGP,SANTAN,BNP,DLR,MS,SIEGR,UBS
I36009	Bloomberg MSCI USD Corporate SRI 0-5 Years PAB	7.2	100.0	100.0	0.0	100.0	100.0	JPM,HSBC,GS,MS,BAC,C,ORCL,BACR,CMCSA,ABBV
I36085	Bloomberg MSCI Euro High Yield Sustainable and SRI PAB Index	7.1	100.0	100.0	0.0	100.0	100.0	TELEFO,SOFTBK,EDPPL,SHAEFF,TITIM,ILDFP,TPEIR,ATLIM,CEETRU,ZIGGO
I36927	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index	7.1	100.0	100.0	0.0	100.0	100.0	MS,JPM,BAC,GS,C,VZ,HSBC,EXC,EIX,T
I36928	Bloomberg MSCI EUR Corporate Climate Paris Aligned ESG Select Index	8.3	100.0	100.0	0.0	100.0	100.0	INTNED,SIEGR,BNP,SOCGEN,HSBC,ISPIM,ACAFP,ENELIM,BPCEGP,ORAFF
I37017	Bloomberg MSCI Global Corporate PAB Index	6.9	98.6	97.9	0.0	100.0	100.0	JPM,BAC,MS,WFC,C,GS,HSBC,T,BNP,VZ
I37018	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index	6.4	100.0	100.0	0.0	100.0	100.0	CHTR,IRM,CSCHLD,SIRI,BHCCN,RAKUTN,VOD,TEVA,FYBR,CYH
I37023	Bloomberg MSCI Euro Corporate Paris-Aligned Index	7.4	98.3	97.8	0.0	100.0	100.0	BNP,BFCM,ACAFP,INTNED,BPCEGP,SOCGEN,SANTAN,UBS,ENGIFP,ENELIM
I37024	Bloomberg MSCI US Corporate Paris-Aligned Index	6.6	99.0	98.1	0.0	100.0	100.0	JPM,BAC,MS,C,WFC,GS,HSBC,T,ORCL,CMCSA
I37315	Bloomberg MSCI US Corporate High Yield Paris-Aligned Index	5.7	98.5	98.4	0.0	100.0	100.0	CHTR,TDG,THC,WBD,CSCHLD,BHCCN,DISH,CCL,IRM,OMF
I37317	Bloomberg MSCI EUR Corporate PAB Green Tilted	7.3	100.0	100.0	0.0	100.0	100.0	RENAUL,CAFP,UBS,TELEFO,GS,JPM,GM,MS,C,JABHOL
I37640	Bloomberg MSCI Global Corporate Fallen Angels Paris-Aligned Index	6.6	94.0	96.1	0.0	100.0	100.0	CE,TITIM,HPP,WLNFP,CEETRU,JWN,VFC,HUN,BDN,ARNDTN
I37643	Bloomberg MSCI Multiverse Corporate 3-5 Year Select PAB	6.8	98.2	97.8	0.0	100.0	100.0	JPM,MS,C,BNP,WFC,GS,BAC,HSBC,ACAFP,UBS
I37953	Bloomberg MSCI USD Corporate PAB Green Tilted	6.7	100.0	100.0	0.0	100.0	100.0	JPM,BAC,GS,GM,ORCL,IBM,C,MS,WFC,VZ
I38113	Bloomberg MSCI Euro Corporate High Yield Climate Paris-Aligned ESG Select Index	6.8	100.0	100.0	0.0	100.0	100.0	SOFTBK,TELEFO,IPGIM,LTMCIM,ABESM,EDPPL,KPN,ZIGGO,CASTSS,MATTER
I38136	Bloomberg MSCI US Corporate High Yield Climate Paris-Aligned ESG Select Index	6.2	100.0	100.0	0.0	100.0	100.0	POST,CHTR,THC,TDG,MINAU,CSCHLD,CYH,HRI,BHCCN,URI
I38155	Bloomberg MSCI US Corporate Climate Transition EVIC Intensity Index	6.7	97.2	98.8	0.0	100.0	100.0	JPM,BAC,MS,C,WFC,GS,LLY,MA,CCI,PLD
I38158	Bloomberg MSCI Euro Corporate Climate Transition EVIC Intensity Index	7.4	98.9	98.1	0.0	100.0	100.0	BNP,ACAFP,UBS,PLD,PRXNA,INTNED,MS,SOCGEN,SANTAN,JPM
I38470	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index	7.5	100.0	100.0	0.0	100.0	100.0	MS,GS,BAC,JPM,HSBC,UBS,C,VZ,BACR,BNP
I38479	Bloomberg MSCI 7-10 Year Euro Corporate SRI Sustainable Select Ex Fossil Fuel PAB Index	7.5	100.0	100.0	0.0	100.0	100.0	ORAFF,T,BFCM,ACAFP,BPCEGP,VZ,INTNED,LIN,TELEFO,BKNG
I38491	Bloomberg MSCI Global Agg ex-Securitized Climate Select Index	6.6	99.1	95.6	0.0	100.0	100.0	JGB,US/T,UKT,CANHOU,FRTR,BTPS,RAGB,SPGB,DBR,CGB
I38847	Bloomberg MSCI Global Corporate Paris-Aligned Select Index	7.0	100.0	100.0	0.0	100.0	100.0	GS,ORCL,JPM,BAC,MS,LLY,MSFT,UBS,C,WFC
I38953	Bloomberg MSCI Phoenix Global Corporate 1-5 Year Climate Aligned Index	7.0	100.0	100.0	0.0	100.0	100.0	JPM,MS,BAC,C,WFC,TOYOTA,GS,HSBC,BNP,VW
I38954	Bloomberg MSCI Phoenix Global Corporate Climate Aligned Index	6.9	100.0	100.0	0.0	100.0	100.0	JPM,MS,BAC,WFC,GS,C,T,VZ,HSBC,ORCL
I38958	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index	7.5	98.6	97.9	0.0	100.0	100.0	ACAFP,BNP,BFCM,URWFP,INTNED,UBS,DBOERS,SOCGEN,BPCEGP,SANTAN

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Environmental Disclosure

Index ID	Index Name	Environmental Rating			GHG Intensity (t CO2/\$m EVIC)			GHG Emissions (reported vs Estimated)			HC1 Sector Exposure ¹			Fossil Fuel Exposure ²			Green Revenue ³			Green Bond		
		Score	MV	Count	Value	MV	Count	%	MV	Count	%	MV	Count	%	MV	Count	%	MV	Count	%	MV	Count
I32474	Bloomberg MSCI Euro Corporate SRI PAB	7.1	100.0	100.0	202.1	96.7	96.5	91.3	100.0	100.0	77.7	100.0	100.0	3.1	100.0	100.0	5.8	100.0	100.0	10.4	100.0	100.0
I34235	Bloomberg MSCI Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	7.0	100.0	100.0	183.3	95.0	95.3	90.3	100.0	100.0	75.6	100.0	100.0	3.9	100.0	100.0	5.5	100.0	100.0	11.5	100.0	100.0
I34701	Bloomberg MSCI 1-3 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	6.9	100.0	100.0	184.5	93.4	93.7	89.4	100.0	100.0	83.6	100.0	100.0	5.1	100.0	100.0	4.5	100.0	100.0	14.4	100.0	100.0
I34794	Bloomberg MSCI 3-5 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	7.0	100.0	100.0	188.8	94.0	94.1	88.7	100.0	100.0	77.3	100.0	100.0	2.3	100.0	100.0	4.9	100.0	100.0	10.2	100.0	100.0
I35242	Bloomberg MSCI Euro Corporate SRI 0-5 Year PAB	7.0	100.0	100.0	244.8	96.2	95.8	90.6	100.0	100.0	79.6	100.0	100.0	3.2	100.0	100.0	4.9	100.0	100.0	9.5	100.0	100.0
I35461	Bloomberg MSCI USD Liquid Investment Grade Corporate SRI PAB	6.8	100.0	100.0	122.5	99.4	99.3	91.6	100.0	100.0	74.2	100.0	100.0	1.1	100.0	100.0	2.7	100.0	100.0	0.6	100.0	100.0
I35551	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index	6.9	100.0	100.0	184.9	97.4	95.8	90.6	100.0	100.0	80.2	100.0	100.0	1.6	100.0	100.0	3.5	100.0	100.0	0.6	100.0	100.0
I35552	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index	7.3	100.0	100.0	208.6	97.1	95.8	92.4	100.0	100.0	82.0	100.0	100.0	2.7	100.0	100.0	7.1	100.0	100.0	11.9	100.0	100.0
I36009	Bloomberg MSCI USD Corporate SRI 0-5 Years PAB	6.8	100.0	100.0	126.8	99.2	99.0	91.3	100.0	100.0	79.6	100.0	100.0	1.0	100.0	100.0	3.0	100.0	100.0	0.5	100.0	100.0
I36085	Bloomberg MSCI Euro High Yield Sustainable and SRI PAB Index	6.8	100.0	100.0	541.2	97.8	97.4	93.6	100.0	100.0	62.7	100.0	100.0	1.7	100.0	100.0	6.9	100.0	100.0	7.5	100.0	100.0
I36927	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index	6.7	100.0	100.0	108.8	98.5	96.3	89.6	100.0	100.0	69.9	100.0	100.0	1.5	100.0	100.0	6.6	100.0	100.0	1.9	100.0	100.0
I36928	Bloomberg MSCI EUR Corporate Climate Paris Aligned ESG Select Index	7.6	100.0	100.0	164.8	98.4	95.9	94.0	100.0	100.0	74.5	100.0	100.0	1.9	100.0	100.0	11.0	100.0	100.0	11.9	100.0	100.0
I37017	Bloomberg MSCI Global Corporate PAB Index	6.7	100.0	100.0	217.0	96.1	94.9	87.3	100.0	100.0	80.0	100.0	100.0	1.9	100.0	100.0	4.5	100.0	100.0	4.5	100.0	100.0
I37018	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index	5.6	100.0	100.0	600.5	95.4	95.1	76.1	100.0	100.0	57.7	100.0	100.0	5.4	100.0	100.0	4.6	100.0	100.0	1.8	100.0	100.0
I37023	Bloomberg MSCI Euro Corporate Paris-Aligned Index	7.2	100.0	100.0	223.3	96.3	95.9	90.6	100.0	100.0	81.1	100.0	100.0	2.4	100.0	100.0	5.8	100.0	100.0	12.2	100.0	100.0
I37024	Bloomberg MSCI US Corporate Paris-Aligned Index	6.5	100.0	100.0	195.5	97.2	95.8	85.5	100.0	100.0	78.2	100.0	100.0	1.7	100.0	100.0	3.9	100.0	100.0	1.1	100.0	100.0
I37315	Bloomberg MSCI US Corporate High Yield Paris-Aligned Index	5.2	100.0	100.0	427.4	96.3	96.3	63.4	100.0	100.0	51.8	100.0	100.0	5.2	100.0	100.0	3.8	100.0	100.0	0.5	100.0	100.0
I37317	Bloomberg MSCI EUR Corporate PAB Green Tilted	7.4	100.0	100.0	144.5	93.6	96.1	89.5	100.0	100.0	72.0	100.0	100.0	0.2	100.0	100.0	11.4	100.0	100.0	20.3	100.0	100.0
I37640	Bloomberg MSCI Global Corporate Fallen Angels Paris-Aligned Index	6.0	100.0	100.0	491.3	98.0	98.7	75.2	100.0	100.0	61.9	100.0	100.0	10.5	100.0	100.0	9.1	100.0	100.0	4.0	100.0	100.0
I37643	Bloomberg MSCI Multiverse Corporate 3-5 Year Select PAB	6.5	100.0	100.0	211.1	100.0	100.0	86.8	100.0	100.0	75.9	100.0	100.0	1.8	100.0	100.0	4.1	100.0	100.0	3.6	100.0	100.0
I37953	Bloomberg MSCI USD Corporate PAB Green Tilted	6.6	100.0	100.0	141.6	95.5	96.1	83.6	100.0	100.0	69.0	100.0	100.0	1.8	100.0	100.0	7.0	100.0	100.0	2.2	100.0	100.0
I38113	Bloomberg MSCI Euro Corporate High Yield Climate Paris-Aligned ESG Select Index	6.7	100.0	100.0	405.5	96.4	93.2	92.2	100.0	100.0	47.8	100.0	100.0	1.9	100.0	100.0	6.2	100.0	100.0	5.5	100.0	100.0
I38136	Bloomberg MSCI US Corporate High Yield Climate Paris-Aligned ESG Select Index	5.3	100.0	100.0	356.0	96.3	96.4	62.8	100.0	100.0	42.3	100.0	100.0	5.8	100.0	100.0	3.6	100.0	100.0	0.4	100.0	100.0
I38155	Bloomberg MSCI US Corporate Climate Transition EVIC Intensity Index	6.4	100.0	100.0	180.9	100.0	100.0	86.5	100.0	100.0	74.1	100.0	100.0	2.0	100.0	100.0	3.3	100.0	100.0	1.4	100.0	100.0
I38158	Bloomberg MSCI Euro Corporate Climate Transition EVIC Intensity Index	7.2	100.0	100.0	282.6	100.0	100.0	94.2	100.0	100.0	76.1	100.0	100.0	4.2	100.0	100.0	7.0	100.0	100.0	11.9	100.0	100.0
I38470	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index	7.1	100.0	100.0	176.5	96.4	95.5	91.4	100.0	100.0	82.6	100.0	100.0	1.7	100.0	100.0	4.2	100.0	100.0	3.3	100.0	100.0
I38479	Bloomberg MSCI 7-10 Year Euro Corporate SRI Sustainable Select Ex Fossil Fuel PAB Index	7.1	100.0	100.0	159.6	96.4	96.8	91.7	100.0	100.0	68.6	100.0	100.0	4.9	100.0	100.0	6.5	100.0	100.0	9.2	100.0	100.0
I38491	Bloomberg MSCI Global Agg ex-Securitized Climate Select Index	5.8	100.0	100.0	115.1	28.4	71.1	81.3	31.5	76.6	20.8	100.0	100.0	0.3	100.0	100.0	2.1	100.0	100.0	3.2	100.0	100.0
I38847	Bloomberg MSCI Global Corporate Paris-Aligned Select Index	6.8	100.0	100.0	142.8	97.1	95.3	87.8	100.0	100.0	71.3	100.0	100.0	1.3	100.0	100.0	8.6	100.0	100.0	5.3	100.0	100.0
I38953	Bloomberg MSCI Phoenix Global Corporate 1-5 Year Climate Aligned Index	6.6	100.0	100.0	363.7	96.8	96.1	88.9	100.0	100.0	83.6	100.0	100.0	4.5	100.0	100.0	6.2	100.0	100.0	4.9	100.0	100.0
I38954	Bloomberg MSCI Phoenix Global Corporate Climate Aligned Index	6.5	100.0	100.0	368.0	97.3	96.0	88.4	100.0	100.0	79.9	100.0	100.0	5.2	100.0	100.0	6.5	100.0	100.0	4.5	100.0	100.0
I38958	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index	7.2	100.0	100.0	201.7	96.6	95.8	91.4	100.0	100.0	73.7	100.0	100.0	1.9	100.0	100.0	11.7	100.0	100.0	13.0	100.0	100.0

¹ HCI 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 1893/2006

² 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 1893/2006

³To 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. This may impact coverage and percentage figures

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Social Disclosure

Index ID	Index Name	Social Rating				Social Violations			Controversial Weapons ⁴			Tobacco ⁵		
		Score	MV	Count	Sum	%	MV	Count	%	MV	Count	%	MV	Count
I32474	Bloomberg MSCI Euro Corporate SRI PAB	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I34235	Bloomberg MSCI Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I34701	Bloomberg MSCI 1-3 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	4.9	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I34794	Bloomberg MSCI 3-5 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I35242	Bloomberg MSCI Euro Corporate SRI 0-5 Year PAB	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I35461	Bloomberg MSCI USD Liquid Investment Grade Corporate SRI PAB	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I35551	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I35552	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index	5.2	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I36009	Bloomberg MSCI USD Corporate SRI 0-5 Years PAB	4.9	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I36085	Bloomberg MSCI Euro High Yield Sustainable and SRI PAB Index	5.3	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I36927	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index	5.1	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I36928	Bloomberg MSCI EUR Corporate Climate Paris Aligned ESG Select Index	5.4	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I37017	Bloomberg MSCI Global Corporate PAB Index	4.8	100.0	100.0	5	0.0	100.0	100.0	0.0	100.0	100.0	0.2	100.0	100.0
I37018	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I37023	Bloomberg MSCI Euro Corporate Paris-Aligned Index	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.1	100.0	100.0
I37024	Bloomberg MSCI US Corporate Paris-Aligned Index	4.8	100.0	100.0	5	0.1	100.0	100.0	0.0	100.0	100.0	0.2	100.0	100.0
I37315	Bloomberg MSCI US Corporate High Yield Paris-Aligned Index	4.7	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	1.4	100.0	100.0
I37317	Bloomberg MSCI EUR Corporate PAB Green Tilted	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I37640	Bloomberg MSCI Global Corporate Fallen Angels Paris-Aligned Index	4.8	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	4.5	100.0	100.0
I37643	Bloomberg MSCI Multiverse Corporate 3-5 Year Select PAB	4.8	100.0	100.0	1	0.0	100.0	100.0	0.0	100.0	100.0	0.3	100.0	100.0
I37953	Bloomberg MSCI USD Corporate PAB Green Tilted	4.8	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I38113	Bloomberg MSCI Euro Corporate High Yield Climate Paris-Aligned ESG Select Index	5.4	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I38136	Bloomberg MSCI US Corporate High Yield Climate Paris-Aligned ESG Select Index	4.9	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I38155	Bloomberg MSCI US Corporate Climate Transition EVIC Intensity Index	4.9	100.0	100.0	5	0.1	100.0	100.0	0.0	100.0	100.0	0.1	100.0	100.0
I38158	Bloomberg MSCI Euro Corporate Climate Transition EVIC Intensity Index	5.1	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.1	100.0	100.0
I38470	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index	5.1	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I38479	Bloomberg MSCI 7-10 Year Euro Corporate SRI Sustainable Select Ex Fossil Fuel PAB Index	5.2	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I38491	Bloomberg MSCI Global Agg ex-Securitized Climate Select Index	6.5	100.0	100.0	0	0.0	31.7	77.6	0.0	100.0	100.0	0.0	100.0	100.0
I38847	Bloomberg MSCI Global Corporate Paris-Aligned Select Index	4.9	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.0	100.0	100.0
I38953	Bloomberg MSCI Phoenix Global Corporate 1-5 Year Climate Aligned Index	4.8	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.2	100.0	100.0
I38954	Bloomberg MSCI Phoenix Global Corporate Climate Aligned Index	4.9	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.2	100.0	100.0
I38958	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index	5.0	100.0	100.0	0	0.0	100.0	100.0	0.0	100.0	100.0	0.1	100.0	100.0

⁴ Represents 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 (1972), Chemical Weapons Convention (1997), Anti-Personnel Mine Ban Convention (1999), Convention on Cluster Munitions (2008), United Nations Convention on Certain Conventional Weapons (1980), and Convention on the Physical Protection of Nuclear Material (1980).

⁵ Exposure to companies classified as tobacco producers, and companies that derive 5% or more aggregate revenue from the manufacture, distribution, retailing, licensing, and supply of tobacco products. (% - refers to the percentage of constituents matching the condition or meeting the relevant criteria; MV - refers to the percentage of the sum of the market value of the constituents which have information on the field; Count – refers to the percentage of the number of constituents which have information on the field)

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ESG Fixed Income Benchmark Regulation Disclosure Report

Social Disclosure continued...

Index ID	Index Name	Gender Pay Gap Ratio			Female-to-Male Directors			Accidents, Injuries, Fatalities			Corruption, Bribery, Conviction, Fines				ILO Policy Non-Compliance		
		%	MV	Count	%	MV	Count	Score	MV	Count	Sum	Amount (\$m)	MV	Count	%	MV	Count
I32474	Bloomberg MSCI Euro Corporate SRI PAB	16.0	84.7	84.8	71.1	100.0	100.0	3.7	42.1	42.4	229	1401.8	100.0	100.0	0.0	100.0	100.0
I34235	Bloomberg MSCI Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	15.6	86.0	84.4	70.8	100.0	100.0	3.3	44.3	37.5	95	1289.2	100.0	100.0	0.0	100.0	100.0
I34701	Bloomberg MSCI 1-3 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	15.8	82.4	79.6	70.6	100.0	100.0	2.5	42.0	33.0	14	921.4	100.0	100.0	0.0	100.0	100.0
I34794	Bloomberg MSCI 3-5 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	15.5	85.3	83.7	71.2	100.0	100.0	3.5	41.3	34.6	26	1190.1	100.0	100.0	0.0	100.0	100.0
I35242	Bloomberg MSCI Euro Corporate SRI 0-5 Year PAB	15.9	83.3	82.9	71.1	100.0	100.0	3.7	41.9	40.1	153	1213.5	100.0	100.0	0.0	100.0	100.0
I35461	Bloomberg MSCI USD Liquid Investment Grade Corporate SRI PAB	16.6	90.7	90.6	59.9	100.0	100.0	4.2	45.5	43.7	310	2542.0	100.0	100.0	0.0	100.0	100.0
I35551	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index	17.0	88.0	90.4	67.1	100.0	100.0	4.5	46.9	44.2	339	4443.8	100.0	100.0	0.0	100.0	100.0
I35552	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index	16.2	85.7	84.8	71.2	100.0	100.0	3.6	42.4	43.8	298	1648.2	100.0	100.0	0.0	100.0	100.0
I36009	Bloomberg MSCI USD Corporate SRI 0-5 Years PAB	16.9	90.7	91.0	60.7	100.0	100.0	3.5	43.0	35.6	156	2162.2	100.0	100.0	0.0	100.0	100.0
I36085	Bloomberg MSCI Euro High Yield Sustainable and SRI PAB Index	14.2	79.9	80.2	60.3	100.0	100.0	5.2	41.8	42.2	19	54.8	100.0	100.0	0.0	100.0	100.0
I36927	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index	15.9	86.6	82.7	65.9	100.0	100.0	4.2	45.8	47.3	687	3601.3	100.0	100.0	0.0	100.0	100.0
I36928	Bloomberg MSCI EUR Corporate Climate Paris Aligned ESG Select Index	15.8	84.1	83.3	77.1	100.0	100.0	3.2	40.4	43.8	317	1469.4	100.0	100.0	0.0	100.0	100.0
I37017	Bloomberg MSCI Global Corporate PAB Index	16.5	84.8	83.9	63.6	100.0	100.0	4.2	39.6	41.4	1202	2318.9	100.0	100.0	0.0	100.0	100.0
I37018	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index	15.5	83.7	82.5	48.9	100.0	100.0	4.9	37.5	38.4	76	563.5	100.0	100.0	0.0	100.0	100.0
I37023	Bloomberg MSCI Euro Corporate Paris-Aligned Index	15.6	82.3	83.0	70.6	100.0	100.0	3.6	41.6	43.8	313	1502.8	100.0	100.0	0.0	100.0	100.0
I37024	Bloomberg MSCI US Corporate Paris-Aligned Index	16.5	85.9	82.5	60.6	100.0	100.0	4.3	42.5	46.6	639	2744.0	100.0	100.0	0.0	100.0	100.0
I37315	Bloomberg MSCI US Corporate High Yield Paris-Aligned Index	16.1	84.6	84.4	44.8	100.0	100.0	6.3	35.0	35.5	43	0.4	100.0	100.0	0.0	100.0	100.0
I37317	Bloomberg MSCI EUR Corporate PAB Green Tilted	15.5	85.4	83.4	70.8	100.0	100.0	4.9	35.6	44.1	308	1922.7	100.0	100.0	0.0	100.0	100.0
I37640	Bloomberg MSCI Global Corporate Fallen Angels Paris-Aligned Index	16.1	84.6	80.0	46.8	100.0	100.0	6.0	31.4	38.1	3	0.0	100.0	100.0	0.0	100.0	100.0
I37643	Bloomberg MSCI Multiverse Corporate 3-5 Year Select PAB	16.7	84.7	84.8	61.1	100.0	100.0	4.2	35.4	36.2	273	2375.1	100.0	100.0	0.0	100.0	100.0
I37953	Bloomberg MSCI USD Corporate PAB Green Tilted	15.5	87.5	82.5	59.7	100.0	100.0	4.9	43.9	47.4	667	2620.7	100.0	100.0	0.0	100.0	100.0
I38113	Bloomberg MSCI Euro Corporate High Yield Climate Paris-Aligned ESG Select Index	14.5	75.3	75.5	57.5	100.0	100.0	4.3	39.1	42.8	20	54.8	100.0	100.0	0.0	100.0	100.0
I38136	Bloomberg MSCI US Corporate High Yield Climate Paris-Aligned ESG Select Index	16.3	83.7	84.2	51.3	100.0	100.0	6.4	36.5	37.8	37	0.3	100.0	100.0	0.0	100.0	100.0
I38155	Bloomberg MSCI US Corporate Climate Transition EVIC Intensity Index	16.0	87.1	82.8	57.4	100.0	100.0	4.6	42.8	52.2	719	2742.8	100.0	100.0	0.0	100.0	100.0
I38158	Bloomberg MSCI Euro Corporate Climate Transition EVIC Intensity Index	16.2	83.5	83.7	71.2	100.0	100.0	3.6	41.4	46.3	347	1538.3	100.0	100.0	0.0	100.0	100.0
I38470	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index	16.8	88.4	88.7	66.9	100.0	100.0	4.1	42.9	41.0	571	3707.6	100.0	100.0	0.0	100.0	100.0
I38479	Bloomberg MSCI 7-10 Year Euro Corporate SRI Sustainable Select Ex Fossil Fuel PAB Index	15.6	89.3	89.1	69.7	100.0	100.0	3.8	45.1	42.5	28	1226.7	100.0	100.0	0.0	100.0	100.0
I38491	Bloomberg MSCI Global Agg ex-Securitized Climate Select Index	16.8	27.5	63.1	14.1	100.0	100.0	5.1	8.9	27.9	1524	2697.2	31.7	77.6	0.0	100.0	100.0
I38847	Bloomberg MSCI Global Corporate Paris-Aligned Select Index	16.8	86.4	84.0	63.6	100.0	100.0	4.1	36.5	41.4	1249	2726.6	100.0	100.0	0.0	100.0	100.0
I38953	Bloomberg MSCI Phoenix Global Corporate 1-5 Year Climate Aligned Index	16.8	86.1	86.3	65.3	100.0	100.0	3.5	40.2	41.4	581	1787.8	100.0	100.0	0.0	100.0	100.0
I38954	Bloomberg MSCI Phoenix Global Corporate Climate Aligned Index	16.2	87.2	86.8	63.6	100.0	100.0	4.0	45.0	46.4	1339	1783.7	100.0	100.0	0.0	100.0	100.0
I38958	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index	16.4	83.5	83.4	70.7	100.0	100.0	3.6	40.7	43.8	323	1578.6	100.0	100.0	0.0	100.0	100.0

ESG Fixed Income Benchmark Regulation Disclosure Report

Governance Disclosure

Index ID	Index Name	Governance Rating			Board Independence			Board Diversity		
		Score	MV	Count	%	MV	Count	%	MV	Count
I32474	Bloomberg MSCI Euro Corporate SRI PAB	6.3	100.0	100.0	83.4	92.5	92.2	41.2	78.4	76.8
I34235	Bloomberg MSCI Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	6.3	100.0	100.0	82.2	91.2	91.4	40.9	76.3	79.9
I34701	Bloomberg MSCI 1-3 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	6.4	100.0	100.0	81.2	91.5	92.0	40.7	76.8	83.6
I34794	Bloomberg MSCI 3-5 year Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB Index	6.3	100.0	100.0	82.1	91.0	90.7	40.8	78.0	81.3
I35242	Bloomberg MSCI Euro Corporate SRI 0-5 Year PAB	6.3	100.0	100.0	83.5	92.6	92.5	41.1	77.2	77.7
I35461	Bloomberg MSCI USD Liquid Investment Grade Corporate SRI PAB	5.8	100.0	100.0	84.8	96.3	96.2	36.3	87.2	87.6
I35551	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index	5.7	100.0	100.0	84.3	93.9	90.8	37.9	87.9	87.0
I35552	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index	6.4	100.0	100.0	83.8	92.7	91.5	41.6	77.4	75.7
I36009	Bloomberg MSCI USD Corporate SRI 0-5 Years PAB	5.9	100.0	100.0	84.5	96.1	95.8	36.6	85.7	85.3
I36085	Bloomberg MSCI Euro High Yield Sustainable and SRI PAB Index	6.0	100.0	100.0	76.8	98.9	98.9	38.1	66.9	67.5
I36927	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index	6.0	100.0	100.0	84.9	91.8	87.0	37.3	83.9	81.4
I36928	Bloomberg MSCI EUR Corporate Climate Paris Aligned ESG Select Index	6.5	100.0	100.0	85.9	95.5	92.1	42.4	78.7	74.8
I37017	Bloomberg MSCI Global Corporate PAB Index	5.9	100.0	100.0	82.7	89.1	86.2	38.0	78.2	74.2
I37018	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index	5.8	100.0	100.0	76.3	93.8	94.4	31.5	55.5	57.7
I37023	Bloomberg MSCI Euro Corporate Paris-Aligned Index	6.1	100.0	100.0	83.1	90.6	89.9	40.9	77.9	75.3
I37024	Bloomberg MSCI US Corporate Paris-Aligned Index	5.8	100.0	100.0	84.2	89.8	85.4	36.5	83.6	81.4
I37315	Bloomberg MSCI US Corporate High Yield Paris-Aligned Index	5.6	100.0	100.0	77.2	88.9	91.4	29.5	57.8	59.8
I37317	Bloomberg MSCI EUR Corporate PAB Green Tilted	6.2	100.0	100.0	83.5	88.5	91.9	40.5	78.9	75.1
I37640	Bloomberg MSCI Global Corporate Fallen Angels Paris-Aligned Index	5.9	100.0	100.0	79.6	91.3	94.2	30.5	49.4	50.3
I37643	Bloomberg MSCI Multiverse Corporate 3-5 Year Select PAB	5.9	100.0	100.0	80.6	91.9	91.3	37.2	75.3	71.5
I37953	Bloomberg MSCI USD Corporate PAB Green Tilted	5.9	100.0	100.0	84.8	87.8	86.7	35.9	84.1	82.0
I38113	Bloomberg MSCI Euro Corporate High Yield Climate Paris-Aligned ESG Select Index	5.9	100.0	100.0	73.6	96.5	95.9	37.4	63.1	66.2
I38136	Bloomberg MSCI US Corporate High Yield Climate Paris-Aligned ESG Select Index	5.9	100.0	100.0	78.8	91.9	93.1	31.1	60.5	59.7
I38155	Bloomberg MSCI US Corporate Climate Transition EVIC Intensity Index	5.9	100.0	100.0	84.0	88.9	86.9	35.1	84.9	81.1
I38158	Bloomberg MSCI Euro Corporate Climate Transition EVIC Intensity Index	6.2	100.0	100.0	82.7	94.5	93.0	41.4	74.9	73.0
I38470	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index	6.0	100.0	100.0	83.9	92.3	90.4	39.0	84.0	83.9
I38479	Bloomberg MSCI 7-10 Year Euro Corporate SRI Sustainable Select Ex Fossil Fuel PAB Index	6.2	100.0	100.0	83.4	89.9	89.7	40.6	74.2	74.3
I38491	Bloomberg MSCI Global Agg ex-Securitized Climate Select Index	6.4	100.0	100.0	81.1	22.1	61.8	36.6	19.3	52.0
I38847	Bloomberg MSCI Global Corporate Paris-Aligned Select Index	6.0	100.0	100.0	82.3	91.6	88.1	37.8	79.4	74.0
I38953	Bloomberg MSCI Phoenix Global Corporate 1-5 Year Climate Aligned Index	6.0	100.0	100.0	82.3	91.8	90.6	38.4	75.5	72.4
I38954	Bloomberg MSCI Phoenix Global Corporate Climate Aligned Index	5.9	100.0	100.0	82.6	91.9	89.7	37.7	75.9	73.0
I38958	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index	6.2	100.0	100.0	82.7	92.2	90.2	41.2	77.0	74.6

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Agg Corporate Index (I02002EU)
PAB Index	Bloomberg MSCI Euro Corporate SRI PAB Index (I32474EU)

Decarbonisation Trajectory	7% YoY
Base Date	2022-05-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-05-31	63,908,498		31,954,249	63,908,498	na	na	-	-
		2022-10-31	31,002,485	59,861,482	29,930,741	19,038,776	-	-
2023-05-23			29,717,452	61,527,254	29,717,452	20,366,180	29.07	21.55
2024-05-24			27,637,230	53,630,888	26,815,444	18,945,325	28.31	7.25
2025-05-22			25,702,624	49,268,788	24,634,394	18,357,688	29.85	6.28
2026-05-31*			23,903,440		23,903,440			
2027-05-31*			22,230,199		22,230,199			
2028-05-31*			20,674,086		20,674,086			
2029-05-31*			19,226,900		19,226,900			
2030-05-31*			17,881,017		17,881,017			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Liquid Corporate Index (I37607EU)
PAB Index	Bloomberg MSCI Euro Corp SRI Sustainable Select Ex Fossil Fuel PAB (I34235EU)

Decarbonisation Trajectory	10% YoY
Base Date	2022-07-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-07-31	56,698,826	28,349,413	56,698,826	28,349,413	18,806,641	-	-
2023-07-25		25,514,472	55,081,239	25,514,472	20,374,641	34.16	28.59
2024-07-24		22,963,024	50,424,351	22,963,024	19,421,321	34.37	12.09
2025-07-25		20,666,722	42,468,322	20,666,722	18,107,709	35.89	9.60
2026-07-31*		18,600,050		18,600,050			
2027-07-31*		16,740,045		16,740,045			
2028-07-31*		15,066,040		15,066,040			
2029-07-31*		13,559,436		13,559,436			
2030-07-31*		12,203,493		12,203,493			
2031-07-31*		10,983,143		10,983,143			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Liquid Corporate 1-3 Yr Index (I37606EU)
PAB Index	Bloomberg MSCI 1-3 Yr Euro Corp SRI Sustainable Select Ex Fos FI PAB (I34701EU)

Decarbonisation Trajectory	10% YoY
Base Date	2022-07-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-07-31	62,912,093	31,456,047	62,912,093	31,456,047	20,725,927	-	-
2023-07-31		28,310,442	58,689,058	28,310,442	23,815,183	33.93	6.26
2024-07-24		25,479,398	51,149,647	25,479,398	22,022,103	34.71	5.02
2025-07-25		22,931,458	44,411,893	22,205,947	17,746,218	35.86	7.56
2026-07-31*		20,638,312		20,638,312			
2027-07-31*		18,574,481		18,574,481			
2028-07-31*		16,717,033		16,717,033			
2029-07-31*		15,045,330		15,045,330			
2030-07-31*		13,540,797		13,540,797			
2031-07-31*		12,186,717		12,186,717			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Liquid Corporate 3-5 Yr Index (I37604EU)
PAB Index	Bloomberg MSCI 3-5 Yr Euro Corp SRI Sustainable Select Ex Fos FI PAB (I34794EU)

Decarbonisation Trajectory	10% YoY
Base Date	2022-07-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-07-31	47,078,602	23,539,301	47,078,602	23,539,301	18,373,095	-	-
2023-07-25		21,185,371	49,899,642	21,185,371	18,930,375	31.75	22.36
2024-07-24		19,066,834	51,566,751	19,066,834	17,708,731	30.20	12.33
2025-07-25		17,160,150	36,954,148	17,160,150	16,196,067	36.12	13.17
2026-07-31*		15,444,135		15,444,135			
2027-07-31*		13,899,722		13,899,722			
2028-07-31*		12,509,750		12,509,750			
2029-07-31*		11,258,775		11,258,775			
2030-07-31*		10,132,897		10,132,897			
2031-07-31*		9,119,607		9,119,607			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Agg Corporate 0-5 Year Index (I37433EU)
PAB Index	Bloomberg MSCI Euro Corporate SRI 0-5 Year PAB Index (I35242EU)

Decarbonisation Trajectory	7% YoY
Base Date	2022-05-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-05-31	63,872,851		31,936,426	63,872,851	na	na	-	-
		2022-10-31	30,985,193	58,618,177	29,309,089	19,987,401	-	-
2023-05-23			29,700,876	60,711,775	29,700,876	21,568,021	34.77	14.93
2024-05-24			27,621,815	53,372,977	26,686,488	21,004,811	26.62	5.52
2025-05-22			25,688,288	49,153,155	24,576,577	19,337,723	28.10	5.61
2026-05-31*			23,890,107		23,890,107			
2027-05-31*			22,217,800		22,217,800			
2028-05-31*			20,662,554		20,662,554			
2029-05-31*			19,216,175		19,216,175			
2030-05-31*			17,871,043		17,871,043			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Liquid Corporate 3+ Yr Index (I37605US)
PAB Index	Bloomberg MSCIUSD Liquid Investment Grade Corporate SRI PAB Index (I35461US)

Decarbonisation Trajectory	7% YoY
Base Date	2022-05-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-05-31	52,532,109		26,266,055	52,532,109	na	na	-	-
		2022-10-31	25,483,715	54,672,147	25,483,715	27,987,796	-	-
2023-05-23			24,427,431	60,962,034	24,427,431	20,826,457	35.33	44.76
2024-05-24			22,717,511	57,909,910	22,717,511	19,682,098	35.33	43.12
2025-05-22			21,127,285	54,760,266	21,127,285	19,567,888	35.66	21.27
2026-05-31*			19,648,375		19,648,375			
2027-05-31*			18,272,989		18,272,989			
2028-05-31*			16,993,880		16,993,880			
2029-05-31*			15,804,308		15,804,308			
2030-05-31*			14,698,006		14,698,006			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Corporate Index (I02765US)
PAB Index	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index (I35551US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	68,671,991		48,070,394	68,671,991	na	na	-	-
		2025-04-24	35,099,731	46,174,141	32,321,898	24,881,711	-	-
2025-12-31			33,442,014					
2026-12-31			31,101,073					
2027-12-31			28,923,998					
2028-12-31			26,899,318					
2029-12-31			25,016,366					
2030-12-31			23,265,220					
2031-12-31			21,636,655					
2032-12-31			20,122,089					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Corporate Index (I02765US)
PAB Index	Bloomberg MSCI USD Liquid Corporate Climate Transition ESG Bond Index (I35551US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	Index Transition Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	430.91		301.64	430.91	na	na	-	-
		2025-04-24	220.25	383.97	192.67	159.37	-	-
2025-12-31			209.85					
2026-12-31			195.16					
2027-12-31			181.50					
2028-12-31			168.79					
2029-12-31			156.98					
2030-12-31			145.99					
2031-12-31			135.77					
2032-12-31			126.26					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Corporate Index (IO2002EU)
PAB Index	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index (I35552EU)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	91,049,954		63,734,968	91,049,954	na	na	-	-
		2025-04-24	46,537,589	49,470,665	34,629,466	17,132,998	-	-
2025-12-31			44,339,676					
2026-12-31			41,235,899					
2027-12-31			38,349,386					
2028-12-31			35,664,929					
2029-12-31			33,168,384					
2030-12-31			30,846,597					
2031-12-31			28,687,335					
2032-12-31			26,679,222					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Corporate Index (I02002EU)
PAB Index	Bloomberg MSCI Euro Liquid Corporate Climate Transition ESG Bond Index (I35552EU)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	Index Transition Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	601.82		421.27	601.82	na	na	-	-
		2025-04-24	307.60	461.79	300.09	203.15	-	-
2025-12-31			293.08					
2026-12-31			272.56					
2027-12-31			253.48					
2028-12-31			235.74					
2029-12-31			219.24					
2030-12-31			203.89					
2031-12-31			189.62					
2032-12-31			176.34					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Corporate 0-5 Year Index (I37432US)
PAB Index	Bloomberg MSCI USD Liquid Investment Grade Corporate SRI PAB Index (I36009US)

Decarbonisation Trajectory	7% YoY
Base Date	2022-05-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-05-31	57,474,567		28,737,283	57,474,567	na	na	-	-
		2022-10-31	27,881,338	58,152,076	27,881,338	28,835,469	-	-
2023-05-23			26,725,674	59,476,824	26,725,674	25,092,474	32.19	16.73
2024-05-24			24,854,876	56,761,011	24,854,876	23,060,001	33.77	6.65
2025-05-22			23,115,035	45,110,624	22,555,312	19,598,022	35.20	7.41
2026-05-31*			21,496,983		21,496,983			
2027-05-31*			19,992,194		19,992,194			
2028-05-31*			18,592,740		18,592,740			
2029-05-31*			17,291,248		17,291,248			
2030-05-31*			16,080,861		16,080,861			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro High Yield 250mm Index (I38184EU)
PAB Index	Bloomberg MSCI Euro High Yield Sustainable and SRI PAB Index (I36085EU)

Decarbonisation Trajectory	7% YoY
Base Date	2022-05-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-05-31	19,234,217		9,617,109	19,234,217	na	na	-	-
		2024-11-29	8,021,432	13,658,810	6,829,405	6,139,765	-	-
2025-05-22			7,735,589	13,095,579	6,547,789	6,159,250	54.80	58.32
2026-05-31*			7,194,097					
2027-05-31*			6,690,511					
2028-05-31*			6,222,175					
2029-05-31*			5,786,623					
2030-05-31*			5,381,559					
2031-05-31*			5,004,850					
2032-05-31*			4,654,510					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Agg Corporate Index (I02765US)
PAB Index	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index (I36927US)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-06-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory ¹	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	62,326,260	31,163,130	62,326,260	31,163,130	23,709,313	-	-
2021-06-30		28,046,817	52,573,823	26,286,911	25,595,724	45.31	27.37
2022-06-24		25,242,135	48,077,004	24,038,502	23,241,663	42.16	12.92
2023-06-26		22,717,922	55,178,534	22,717,922	22,512,634	42.29	19.00
2024-06-21		20,446,130	50,855,953	20,446,130	18,482,557	45.09	12.39
2025-06-24		20,876,110	45,913,008	20,876,110	18,180,720	45.50	11.28
2026-06-30*		19,268,650		19,268,650			
2027-06-30*		17,784,964		17,784,964			
2028-06-30*		16,415,521		16,415,521			
2029-06-30*		15,151,526		15,151,526			

Note:
1. Annual decarbonization rate decreased from 10% to 7.7% in October 2024 following market consultation. The index methodology can be accessed [here](#).

Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Agg Corporate Index (I02765US)
PAB Index	Bloomberg MSCI US Corporate Climate Paris Aligned ESG Select Index (I36927US)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-06-30

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory ¹	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	412.69	206.35	412.69	206.35	196.67	-	-
2021-06-30		185.71	437.31	185.71	178.96	45.31	27.37
2022-06-30		167.14	394.24	167.14	144.04	42.16	12.92
2023-06-26		150.43	514.70	150.43	130.91	42.29	19.00
2024-06-21		135.38	461.91	135.38	134.30	45.09	12.39
2025-06-24		138.23	492.64	138.23	137.03	45.50	11.28
2026-06-30*		127.59		127.59			
2027-06-30*		117.76		117.76			
2028-06-30*		108.70		108.70			
2029-06-30*		100.33		100.33			

Note:
1. Annual decarbonization rate decreased from 10% to 7.7% in October 2024 following market consultation. The index methodology can be accessed [here](#).

Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Agg Corporate Index (I02002EU)
PAB Index	Bloomberg MSCI Euro Corporate Climate Paris Aligned ESG Select Index (I36928EU)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-06-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory ¹	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	79,876,649	39,820,656	79,641,312	39,820,656	39,734,615	-	-
2021-06-30		35,838,591	68,635,028	34,317,514	26,534,037	46.51	7.40
2022-06-24		32,254,732	63,943,636	31,971,818	20,114,423	45.39	10.81
2023-06-26		29,029,258	59,807,343	29,029,258	16,399,131	49.58	42.31
2024-06-21		26,126,333	53,106,102	26,126,333	17,040,521	52.15	8.39
2025-06-24		26,675,767	48,760,950	24,380,475	16,867,222	53.47	8.00
2026-06-30*		24,621,733		24,621,733			
2027-06-30*		22,725,860		22,725,860			
2028-06-30*		20,975,968		20,975,968			
2029-06-30*		19,360,819		19,360,819			

Note:
1. Annual decarbonization rate decreased from 10% to 7.7% in October 2024 following market consultation. The index methodology can be accessed [here](#).

Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Agg Corporate Index (I02002EU)
PAB Index	Bloomberg MSCI Euro Corporate Climate Paris Aligned ESG Select Index (I36928EU)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-06-30

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory ¹	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	579.38	289.69	579.38	289.69	270.61	-	-
2021-06-30		260.72	526.44	260.72	187.10	46.51	7.40
2022-06-24		234.65	484.85	234.65	164.84	45.39	10.81
2023-06-26		211.19	511.10	211.19	158.25	49.58	42.31
2024-06-21		190.07	500.94	190.07	188.21	52.15	8.39
2025-06-24		194.06	436.61	194.06	159.45	53.47	8.00
2026-06-30*		179.12		179.12			
2027-06-30*		165.33		165.33			
2028-06-30*		152.60		152.60			
2029-06-30*		140.85		140.85			

Note:
1. Annual decarbonization rate decreased from 10% to 7.7% in October 2024 following market consultation. The index methodology can be accessed [here](#).

Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global Agg Corporate Index (I03435US)
PAB Index	Bloomberg MSCI Global Corporate PAB Index (I37017US)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	73,067,554	36,533,777	73,067,554	36,533,777	35,237,489	-	-
2021-12-31		33,793,744	49,225,543	24,612,772	23,606,020	21.48	11.49
2022-12-31		31,259,213	49,156,285	24,578,142	23,349,606	20.02	19.54
2023-12-31		28,914,772	50,860,546	25,430,273	24,326,657	21.70	21.31
2024-12-31		26,746,164	45,899,018	22,949,509	22,693,816	21.37	13.54
2025-12-31*		24,740,202		24,740,202			
2026-12-31*		22,884,687		22,884,687			
2027-12-31*		21,168,335		21,168,335			
2028-12-31*		19,580,710		19,580,710			
2029-12-31*		18,112,157		18,112,157			

Note: Emissions data is applicable to the Projected Universe of the index. Active Share and Tracking Error data is applicable to the Returns Universe of the index. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global High Yield Corporate Index (I23059US)
PAB Index	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index (I37018US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	27,475,425		19,232,797	27,475,425	na	na	-	-
		2025-04-24	14,043,280	12,448,657	8,714,060	8,643,310	-	-
2025-12-31			13,380,033					
2026-12-31			12,443,431					
2027-12-31			11,572,391					
2028-12-31			10,762,324					
2029-12-31			10,008,961					
2030-12-31			9,308,334					
2031-12-31			8,656,750					
2032-12-31			8,050,778					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global High Yield Corporate Index (I23059US)
PAB Index	Bloomberg MSCI Global High Yield Corporate Climate Transition ESG Bond Index (I37018US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	Index Transition Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	995.08		696.56	995.08	na	na	-	-
		2025-04-24	508.61	865.21	605.65	558.61	-	-
2025-12-31			484.59					
2026-12-31			450.67					
2027-12-31			419.12					
2028-12-31			389.78					
2029-12-31			362.50					
2030-12-31			337.12					
2031-12-31			313.52					
2032-12-31			291.58					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Aggregate Corporate Bond Index (IO2002EU)
PAB Index	Bloomberg MSCI Euro Corporate Paris-Aligned Index (I37023EU)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	90,325,136	45,162,568	90,325,136	45,162,568	32,082,092	-	-
2021-12-31		41,775,375	64,449,264	32,224,632	24,168,007	18.88	5.11
2022-12-31		38,642,222	59,294,224	29,647,112	24,856,815	17.32	16.52
2023-12-31		35,744,056	56,189,261	28,094,630	24,832,521	17.85	11.40
2024-12-31		33,063,251	49,841,139	24,920,569	22,924,062	17.57	5.47
2025-12-31*		30,583,508		30,583,508			
2026-12-31*		28,289,745		28,289,745			
2027-12-31*		26,168,014		26,168,014			
2028-12-31*		24,205,413		24,205,413			
2029-12-31*		22,390,007		22,390,007			

Note: Emissions data is applicable to the Projected Universe of the index. Active Share and Tracking Error data is applicable to the Returns Universe of the index. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Agg Corporate Index (I02765US)
PAB Index	Bloomberg MSCI US Corporate Paris-Aligned Index (I37024US)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	68,711,093	34,355,547	68,711,093	34,355,547	34,069,277	-	-
2021-12-31		31,778,881	45,436,056	22,718,028	22,330,260	24.29	16.87
2022-12-31		29,395,465	48,787,539	24,393,769	22,850,150	18.97	25.94
2023-12-31		27,190,805	52,888,429	26,444,214	24,326,657	21.98	29.01
2024-12-31		25,151,494	46,402,843	23,201,422	23,007,428	21.46	17.53
2025-12-31*		23,265,132		23,265,132			
2026-12-31*		21,520,247		21,520,247			
2027-12-31*		19,906,229		19,906,229			
2028-12-31*		18,413,262		18,413,262			
2029-12-31*		17,032,267		17,032,267			

Note: Emissions data is applicable to the Projected Universe of the index. Active Share and Tracking Error data is applicable to the Returns Universe of the index.
Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US High Yield Corporate Index (I00012US)
PAB Index	Bloomberg MSCI US Corporate High Yield Paris-Aligned Index (I37315US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	27,127,288	13,563,644	27,127,288	13,563,644	9,277,350	-	-
2021-12-31		12,614,189	18,682,780	9,341,390	6,904,074	35.80	49.62
2022-12-30		11,731,196	19,904,271	9,952,135	6,189,002	34.64	65.09
2023-12-29		10,910,012	11,162,192	5,581,096	5,556,620	37.49	46.93
2024-12-31		10,146,311	11,636,788	5,818,394	5,745,773	36.74	69.65
2025-12-31*		9,436,069		9,436,069			
2026-12-31*		8,775,544		8,775,544			
2027-12-31*		8,161,256		8,161,256			
2028-12-31*		7,589,968		7,589,968			
2029-12-31*		7,058,671		7,058,671			

Note: Emissions data is applicable to the Projected Universe of the index. Active Share and Tracking Error data is applicable to the Returns Universe of the index. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Aggregate Corporate Bond Index (IO2002EU)
PAB Index	Bloomberg MSCI EUR Corporate PAB Green Tilted Index (I37317EU)

Decarbonisation Trajectory	10% YoY
Base Date	2020-06-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	79,876,649	39,938,325	79,876,649	39,938,325	22,999,878	-	-
2021-06-30		35,944,492	68,827,550	34,413,775	13,718,627	61.34	10.18
2022-06-30		32,350,043	63,950,706	31,975,353	13,373,163	45.40	10.97
2023-06-26		29,115,039	59,807,343	29,115,039	13,206,815	57.98	30.83
2024-06-21		26,203,535	53,106,102	26,203,535	11,900,462	64.82	13.26
2025-06-24		23,583,181	48,760,950	23,583,181	10,201,157	65.75	13.65
2026-06-30*		21,224,863		21,224,863			
2027-06-30*		19,102,377		19,102,377			
2028-06-30*		17,192,139		17,192,139			
2029-06-30*		15,472,925		15,472,925			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Aggregate Corporate Bond Index (IO2002EU)
PAB Index	Bloomberg MSCI EUR Corporate PAB Green Tilted Index (I37317EU)

Decarbonisation Trajectory	10% YoY
Base Date	2020-06-30

Effective Date	GHG Sales Intensity Parent Base Date	GHG Sales Intensity Decarbonisation Trajectory	GHG Sales Intensity Parent	GHG Sales Intensity PAB Target	GHG Sales Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	1,007.65	503.82	1,007.65	503.82	503.79	-	-
2021-06-30		453.44	869.08	434.54	403.00	61.34	10.18
2022-06-30		408.10	899.93	408.10	407.99	45.40	10.97
2023-06-26		367.29	814.00	367.29	365.97	57.98	30.83
2024-06-21		330.56	769.80	330.56	327.76	64.82	13.26
2025-06-24		297.50	733.33	297.50	294.42	65.75	13.65
2026-06-30*		267.75		267.75			
2027-06-30*		240.98		240.98			
2028-06-30*		216.88		216.88			
2029-06-30*		195.19		195.19			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global Corporate Fall Angels Index (I37587US)
PAB Index	Bloomberg MSCI Global Corporate Fall Angels Paris-Aligned Index (I37640US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-06-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	41,158,885	20,579,442	41,158,885	20,579,442	20,575,841	-	-
2021-06-30		19,138,881	39,045,167	19,138,881	19,138,881	42.82	172.02
2022-06-30		17,799,160	26,350,872	13,175,436	13,171,561	39.42	114.48
2023-06-26		16,553,219	20,219,769	10,109,885	10,098,107	32.67	102.63
2024-06-21		15,394,493	12,778,949	6,389,475	6,124,768	32.25	71.48
2025-06-24		14,316,879	15,516,678	7,758,339	7,475,305	34.14	50.66
2026-06-30*		13,314,697		13,314,697			
2027-06-30*		12,382,668		12,382,668			
2028-06-30*		11,515,882		11,515,882			
2029-06-30*		10,709,770		10,709,770			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Multiverse Corporate 3-5 Yr Index (I37710US)
PAB Index	Bloomberg MSCI Multiverse Corporate 3-5 Yr Select PAB Index (I37643US)

Decarbonisation Trajectory	7% YoY
Base Date	2022-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2022-12-31	477.03	238.52	477.03	238.52	237.92	-	-
2023-12-29		221.82	438.74	219.37	218.03	27.80	15.20
2024-12-31		206.29	515.81	206.29	206.01	30.02	18.75
2025-12-31*		191.85		191.85			
2026-12-31*		178.42		178.42			
2027-12-31*		165.93		165.93			
2028-12-31*		154.32		154.32			
2029-12-31*		143.51		143.51			
2030-12-31*		133.47		133.47			
2031-12-31*		124.13		124.13			

Note: Emissions data is applicable to the Projected Universe of the index. Active Share and Tracking Error data is applicable to the Returns Universe of the index. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Agg Corporate Index (I02765US)
PAB Index	Bloomberg MSCI USD Corporate PAB Green Titled Index (I37953US)

Decarbonisation Trajectory	10% YoY
Base Date	2020-06-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	61,276,036	30,638,018	61,276,036	30,638,018	25,055,009	-	-
2021-06-30		27,574,216	51,578,275	25,789,138	23,671,871	63.88	36.29
2022-06-30		24,816,795	46,906,810	23,453,405	22,787,027	60.10	24.24
2023-06-26		22,335,115	55,178,534	22,335,115	22,260,734	60.35	19.94
2024-06-21		20,101,604	50,855,953	20,101,604	19,907,731	61.85	11.35
2025-06-24		18,091,443	45,913,008	18,091,443	17,874,697	63.23	7.71
2026-06-30*		16,282,299		16,282,299			
2027-06-30*		14,654,069		14,654,069			
2028-06-30*		13,188,662		13,188,662			
2029-06-30*		11,869,796		11,869,796			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Agg Corporate Index (I02765US)
PAB Index	Bloomberg MSCI USD Corporate PAB Green Titled Index (I37953US)

Decarbonisation Trajectory	10% YoY
Base Date	2020-06-30

Effective Date	GHG Sales Intensity Parent Base Date	GHG Sales Intensity Decarbonisation Trajectory	GHG Sales Intensity Parent	GHG Sales Intensity PAB Target	GHG Sales Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-06-30	1,086.16	543.08	1,086.16	543.08	542.76	-	-
2021-06-30		488.77	1,032.62	488.77	483.47	63.88	36.29
2022-06-30		439.89	1,107.97	439.89	439.66	60.10	24.24
2023-06-26		395.90	1,054.30	395.90	395.59	60.35	19.94
2024-06-21		356.31	963.09	356.31	353.28	61.85	11.35
2025-06-24		320.68	955.05	320.68	318.02	63.23	7.71
2026-06-30*		288.61		288.61			
2027-06-30*		259.75		259.75			
2028-06-30*		233.78		233.78			
2029-06-30*		210.40		210.40			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg European High Yield 3% Issuer Capped Index (I05395EU)
PAB Index	Bloomberg MSCI Euro Corporate High Yield Paris-Aligned ESG Select Index (I38113EU)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-09-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-09-30	32,898,584	16,284,799	32,898,584	16,284,799	16,281,515	-	-
2021-09-30		15,030,869	19,514,975	9,659,913	7,844,974	53.31	33.69
2022-09-30		13,873,492	19,023,859	9,416,810	6,799,670	54.62	111.89
2023-09-22		12,805,234	17,492,017	8,658,549	7,366,200	51.34	112.69
2024-09-23		11,819,231	13,524,589	6,694,671	6,373,715	51.80	67.09
2025-09-30*		10,909,150		10,909,150			
2026-09-30*		10,069,145		10,069,145			
2027-09-30*		9,293,821		9,293,821			
2028-09-30*		8,578,197		8,578,197			
2029-09-30*		7,917,676		7,917,676			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg European High Yield 3% Issuer Capped Index (I05395EU)
PAB Index	Bloomberg MSCI Euro Corporate High Yield Paris-Aligned ESG Select Index (I38113EU)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-09-30

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-09-30	1,045.30	517.42	1,045.30	517.42	517.32	-	-
2021-09-30		477.58	657.96	325.69	303.22	53.31	33.69
2022-09-30		440.81	727.38	360.05	357.66	54.62	111.89
2023-09-22		406.87	589.43	291.77	291.71	51.34	112.69
2024-09-23		375.54	723.94	358.35	262.45	51.80	67.09
2025-09-30*		346.62		346.62			
2026-09-30*		319.93		319.93			
2027-09-30*		295.30		295.30			
2028-09-30*		272.56		272.56			
2029-09-30*		251.57		251.57			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Corporate High Yield 3% Issuer Capped Index (I10860US)
PAB Index	Bloomberg MSCI US Corporate High Yield Paris-Aligned ESG Select Index (I38136US)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-09-30

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-09-30	25,515,144	12,629,996	25,515,144	12,629,996	12,627,448	-	-
2021-09-30		11,657,487	21,895,088	10,838,068	9,733,903	53.10	50.11
2022-09-30		10,759,860	20,390,405	10,093,251	9,255,280	54.33	124.16
2023-09-22		9,931,351	20,045,694	9,922,618	9,851,283	55.31	93.76
2024-09-23		9,166,637	12,154,322	6,016,389	4,782,762	58.17	73.71
2025-09-30*		8,460,806		8,460,806			
2026-09-30*		7,809,324		7,809,324			
2027-09-30*		7,208,006		7,208,006			
2028-09-30*		6,652,989		6,652,989			
2029-09-30*		6,140,709		6,140,709			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Corporate High Yield 3% Issuer Capped Index (I10860US)
PAB Index	Bloomberg MSCI US Corporate High Yield Paris-Aligned ESG Select Index (I38136US)

Decarbonisation Trajectory	7.7% YoY
Base Date	2020-09-30

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-09-30	979.19	484.70	979.19	484.70	484.60	-	-
2021-09-30		447.38	986.50	447.38	387.97	53.10	50.11
2022-09-30		412.93	954.46	412.93	379.42	54.33	124.16
2023-09-22		381.13	971.57	381.13	381.07	55.31	93.76
2024-09-23		351.79	662.81	328.09	235.85	58.17	73.71
2025-09-30*		324.70		324.70			
2026-09-30*		299.70		299.70			
2027-09-30*		276.62		276.62			
2028-09-30*		255.32		255.32			
2029-09-30*		235.66		235.66			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg US Agg Corporate Index (I02765US)
PAB Index	Bloomberg MSCI US Corporate Climate Transition EVIC Intensity Index (I38155US)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	431.38	301.97	431.38	301.97	301.47	-	-
2021-12-31		266.50	380.90	266.50	266.22	11.52	16.76
2022-12-31		219.83	387.25	219.83	219.59	15.04	22.17
2023-12-20		216.11	375.59	216.11	215.93	16.44	17.60
2024-12-18		203.79	384.22	203.79	203.57	15.04	15.54
2025-12-31*		204.49		204.49			
2026-12-31*		189.15		189.15			
2027-12-31*		174.96		174.96			
2028-12-31*		161.84		161.84			
2029-12-31*		149.70		149.70			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Aggregate Corporate Bond Index (IO2002EU)
PAB Index	Bloomberg MSCI EUR Corporate Climate Transition EVIC Intensity Index (I38158EU)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	547.66	421.27	547.66	421.27	421.17	-	-
2021-12-31		377.02	478.41	334.88	325.03	18.69	5.10
2022-12-31		331.95	420.58	323.52	323.38	19.41	13.76
2023-12-20		337.98	424.39	326.45	322.84	21.71	18.22
2024-12-18		301.94	494.30	301.94	301.94	20.93	6.42
2025-12-31*		285.28		285.28			
2026-12-31*		263.89		263.89			
2027-12-31*		244.09		244.09			
2028-12-31*		225.79		225.79			
2029-12-31*		208.85		208.85			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate Corporate Index (I03435US)
PAB Index	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index (I38470US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	73,140,571		51,198,399	73,140,571	na	na	-	-
		2025-04-24	37,383,718	45,561,366	31,892,956	22,415,518	-	-
2025-12-31			35,618,131					
2026-12-31			33,124,862					
2027-12-31			30,806,122					
2028-12-31			28,649,693					
2029-12-31			26,644,215					
2030-12-31			24,779,119					
2031-12-31			23,044,581					
2032-12-31			21,431,460					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate Corporate Index (I03435US)
PAB Index	Bloomberg MSCI Global Liquid Corporate Climate Transition ESG Bond Index (I38470US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	Index Transition Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	502.61		351.83	502.61	na	na	-	-
		2025-04-24	256.90	420.37	238.49	154.79	-	-
2025-12-31			244.76					
2026-12-31			227.63					
2027-12-31			211.70					
2028-12-31			196.88					
2029-12-31			183.10					
2030-12-31			170.28					
2031-12-31			158.36					
2032-12-31			147.27					

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Liquid Corporate 7-10 Yr Index (I38484EU)
PAB Index	Bloomberg MSCI 7-10 Year Euro Corporate SRI Sustainable Select Ex Fossil Fuel PAB Index (I38470US)

Decarbonisation Trajectory	7% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	Index Transition Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2022-07-31	57,271,558	2025-05-31	28,635,779	57,271,558	28,635,779	na	-	-
			21,245,295	45,834,249	21,245,295	18,055,394	34.57	-
2025-07-25			20,875,483	48,697,736	20,875,483	20,443,455	35.62	8.45
2026-07-31*			18,787,934		18,787,934			
2027-07-31*			16,909,141		16,909,141			
2028-07-31*			15,218,227		15,218,227			
2029-07-31*			13,696,404		13,696,404			
2030-07-31*			12,326,764		12,326,764			
2031-07-31*			11,094,087		11,094,087			
2032-07-31*			9,984,679		9,984,679			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

Climate (non-labelled) - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate ex-Securitized Index (IO5881EU)
Climate Index	Bloomberg MSCI Global Aggregate ex-Securitized Climate Index (I38491EU)

The Bloomberg MSCI Global Aggregate ex-Securitized Climate Index is divided into sub-sectors as defined in the [Methodology](#). Each sub-sector has a separate and distinct decarbonisation pathway. The index does not decarbonise at the total index level.

Sub-sector 1	Securities classified as Corporate (BCLASS1)
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Decarbonisation Trajectory	10% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions Target	GHG Emissions Actual
2020-12-31	73,140,517	36,570,259	73,140,517	36,570,259	36,570,259
2021-12-31		32,913,233	49,228,729	24,614,365	24,614,360
2022-12-30		29,621,910	49,156,237	24,578,119	24,578,115
2023-12-20		26,659,719	50,886,498	25,443,249	25,116,422
2024-12-18		23,993,747	45,956,529	22,978,265	19,078,064
2025-12-31*		21,594,372		21,594,372	
2026-12-31*		19,434,935		19,434,935	
2027-12-31*		17,491,441		17,491,441	
2028-12-31*		15,742,297		15,742,297	
2029-12-31*		14,168,068		14,168,068	

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity Target	GHG EVIC Intensity Actual
2020-12-31	502.61	251.31	502.61	251.31	251.31
2021-12-31		226.18	425.25	212.63	184.61
2022-12-30		203.56	419.65	178.29	178.29
2023-12-20		183.20	406.55	172.26	172.26
2024-12-18		164.88	429.84	157.81	157.81
2025-12-31*		148.39		148.39	
2026-12-31*		133.55		133.55	
2027-12-31*		120.20		120.20	
2028-12-31*		108.18		108.18	
2029-12-31*		97.36		97.36	

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date.
Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

Climate (non-labelled) - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate ex-Securitized Index (IO5881EU)
Climate Index	Bloomberg MSCI Global Aggregate ex-Securitized Climate Index (I38491EU)

The Bloomberg MSCI Global Aggregate ex-Securitized Climate Index is divided into sub-sectors as defined in the [Methodology](#). Each sub-sector has a separate and distinct decarbonisation pathway. The index does not decarbonise at the total index level.

Sub-sector 2	Securities classified as Agencies (BCLASS2) and covered by MSCI Climate Metrics
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Decarbonisation Trajectory	10% YoY
Base Date	2022-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions Target	GHG Emissions Actual
2022-12-30	156,616,825	78,308,413	156,616,825	78,308,413	78,308,413
2023-12-19		70,477,571	134,550,169	67,275,085	59,917,102
2024-12-18		63,429,814	141,733,606	63,429,814	57,437,323
2025-12-31*		57,086,833		57,086,833	
2026-12-31*		51,378,149		51,378,149	
2027-12-31*		46,240,335		46,240,335	
2028-12-31*		41,616,301		41,616,301	
2029-12-31*		37,454,671		37,454,671	
2030-12-31*		33,709,204		33,709,204	
2031-12-31*		30,338,283		30,338,283	

Effective Date	GHG Sales Intensity Parent Base Date	GHG Sales Intensity Decarbonisation Trajectory	GHG Sales Intensity Parent	GHG Sales Intensity Target	GHG Sales Intensity Actual
2022-12-30	1,914.96	957.48	1,914.96	957.48	957.48
2023-12-19		861.73	2,095.87	861.73	860.71
2024-12-18		775.56	1,726.26	775.56	775.56
2025-12-31*		698.00		698.00	
2026-12-31*		628.20		628.20	
2027-12-31*		565.38		565.38	
2028-12-31*		508.84		508.84	
2029-12-31*		457.96		457.96	
2030-12-31*		412.16		412.16	
2031-12-31*		370.95		370.95	

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date.
Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

Climate (non-labelled) - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate ex-Securitized Index (IO5881EU)
Climate Index	Bloomberg MSCI Global Aggregate ex-Securitized Climate Index (I38491EU)

The Bloomberg MSCI Global Aggregate ex-Securitized Climate Index is divided into sub-sectors as defined in the [Methodology](#). Each sub-sector has a separate and distinct decarbonisation pathway. The index does not decarbonise at the total index level.

Sub-sector 3	Securities classified as Treasury (BCLASS1) or Sovereign (BCLASS 2)
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Decarbonisation Trajectory	7% YoY (applicable to GHG emissions only)
Base Date	2021-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions Target	GHG Emissions Actual	Effective Date	Per Capita Intensity Parent Base Date	Per Capita Intensity Decarbonisation Target (20% reduction)	Per Capita Intensity Parent	Per Capita Intensity Actual	Effective Date	Per GDP Intensity Parent Base Date	Per GDP Intensity Decarbonisation Target (20% reduction)	Per GDP Intensity Parent	Per GDP Intensity Actual
2021-12-31	3,202,473,337	2,241,731,336	3,202,473,337	2,241,731,336	2,241,730,897	2021-12-31	12.55	10.04	12.55	10.04	2021-12-31	0.33	0.27	0.33	0.27
2022-12-30		2,084,810,142	3,317,194,230	2,084,810,142	1,934,392,267	2022-12-30		9.31	11.64	9.31	2022-12-30		0.26	0.33	0.26
2023-12-29		1,938,873,432	3,533,003,780	1,938,873,432	1,938,872,040	2023-12-29		9.54	11.93	9.54	2023-12-29		0.25	0.31	0.25
2024-12-18		1,803,152,292	3,159,661,423	1,803,152,292	1,456,895,759	2024-12-18		9.37	11.71	9.18	2024-12-18		0.24	0.30	0.23
2025-12-31*		1,676,931,631		1,676,931,631		2025-12-31*					2025-12-31*				
2026-12-31*		1,559,546,417		1,559,546,417		2026-12-31*					2026-12-31*				
2027-12-31*		1,450,378,168		1,450,378,168		2027-12-31*					2027-12-31*				
2028-12-31*		1,348,851,696		1,348,851,696		2028-12-31*					2028-12-31*				
2029-12-31*		1,254,432,078		1,254,432,078		2029-12-31*					2029-12-31*				
2030-12-31*		1,166,621,832		1,166,621,832		2030-12-31*					2030-12-31*				

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date.
Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global Corporate Index (I03435US)
PAB Index	Bloomberg MSCI Global Corporate Paris-Aligned Select Index (I38847US)

Decarbonisation Trajectory	10.0% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	73,140,517	36,570,259	73,140,517	36,570,259	36,570,259	-	-
2021-12-31		32,913,233	49,228,729	24,614,365	24,614,360	24.07	12.99
2022-12-30		29,621,910	49,156,237	24,578,119	24,578,115	20.56	14.56
2023-12-20		26,659,719	50,886,498	25,443,249	25,116,422	21.75	30.28
2024-12-18		23,993,747	45,956,529	22,978,265	19,078,064	23.70	13.54
2025-12-31*		21,594,372		21,594,372			
2026-12-31*		19,434,935		19,434,935			
2027-12-31*		17,491,441		17,491,441			
2028-12-31*		15,742,297		15,742,297			
2029-12-31*		14,168,068		14,168,068			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Global Corporate Index (I03435US)
PAB Index	Bloomberg MSCI Global Corporate Paris-Aligned Select Index (I38847US)

Decarbonisation Trajectory	10.0% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	502.61	251.31	502.61	251.31	251.31	-	-
2021-12-31		226.18	425.25	212.63	184.61	24.07	12.99
2022-12-30		203.56	419.65	178.29	178.29	20.56	14.56
2023-12-20		183.20	406.55	172.26	172.26	21.75	30.28
2024-12-18		164.88	429.84	157.81	157.81	23.70	13.54
2025-12-31*		148.39		148.39			
2026-12-31*		133.55		133.55			
2027-12-31*		120.20		120.20			
2028-12-31*		108.18		108.18			
2029-12-31*		97.36		97.36			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

Climate (non-labelled) - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate Corporate 1-5 Year Index (I21762US Index)
Climate Index	Bloomberg MSCI Phoenix Global Corporate 1-5 Year Climate Aligned Index (I38953US)

Decarbonisation Trajectory	7.0% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity Target	GHG EVIC Intensity Actual
2020-12-31	64.91	60.37	64.91	60.37	60.37
2021-12-31		52.96	59.04	52.96	49.91
2022-12-30		45.31	56.12	45.31	42.96
2023-12-29		46.54	55.32	46.54	42.37
2024-12-18		42.01	53.10	42.01	38.59
2025-12-31*		40.88		40.88	
2026-12-31*		37.82		37.82	
2027-12-31*		34.98		34.98	
2028-12-31*		32.36		32.36	
2029-12-31*		29.93		29.93	

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

Climate (non-labelled) - Decarbonization Trajectories

Base Index	Bloomberg Global Aggregate Corporate Index (I03435US Index)
Climate Index	Bloomberg MSCI Phoenix Global Corporate Climate Aligned Index (I38954US)

Decarbonisation Trajectory	7.0% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity Target	GHG EVIC Intensity Actual
2020-12-31	70.49	65.55	70.49	65.55	65.55
2021-12-31		58.10	68.25	58.10	55.98
2022-12-30		49.13	61.82	49.13	48.73
2023-12-29		49.28	62.62	49.28	45.80
2024-12-18		45.93	73.41	45.93	44.84
2025-12-31*		44.39		44.39	
2026-12-31*		41.06		41.06	
2027-12-31*		37.98		37.98	
2028-12-31*		35.13		35.13	
2029-12-31*		32.50		32.50	

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Agg Corporate Index (I02002EU Index)
Climate Index	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index (I38958EU)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG Emissions Parent Base Date	GHG Emissions Decarbonisation Trajectory	GHG Emissions Parent	GHG Emissions PAB Target	GHG Emissions PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	90,224,401	45,112,200	90,224,401	45,112,200	45,112,210	-	-
2021-12-31		41,728,785	64,429,144	32,214,572	25,527,776	21.18	7.12
2022-12-31		38,599,126	59,294,225	29,647,112	24,953,628	16.89	23.05
2023-12-29		35,704,192	56,189,261	28,094,630	24,796,404	17.67	26.73
2024-12-18		33,026,377	49,854,119	24,927,060	19,723,751	19.06	19.06
2025-12-31*		30,549,399		30,549,399			
2026-12-31*		28,258,194		28,258,194			
2027-12-31*		26,138,830		26,138,830			
2028-12-31*		24,178,417		24,178,417			
2029-12-31*		22,365,036		22,365,036			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

ESG Fixed Income Benchmark Regulation Disclosure Report

PAB/CTB - Decarbonization Trajectories

Base Index	Bloomberg Euro Agg Corporate Index (I02002EU Index)
Climate Index	Bloomberg MSCI Euro Corporate Optimized Paris-Aligned Index (I38958EU)

Decarbonisation Trajectory	7.5% YoY
Base Date	2020-12-31

Effective Date	GHG EVIC Intensity Parent Base Date	GHG EVIC Intensity Decarbonisation Trajectory	GHG EVIC Intensity Parent	GHG EVIC Intensity PAB Target	GHG EVIC Intensity PAB Actual	Active Share %	Tracking Error (bps)
2020-12-31	601.82	300.91	601.82	300.91	300.91	-	-
2021-12-31		278.30	478.41	239.20	207.24	21.18	7.12
2022-12-31		257.50	462.17	231.09	225.95	16.89	23.05
2023-12-29		238.20	466.28	233.14	233.14	17.67	26.73
2024-12-18		220.30	494.30	215.67	215.67	19.06	6.38
2025-12-31*		203.80		203.80			
2026-12-31*		188.50		188.50			
2027-12-31*		174.40		174.40			
2028-12-31*		161.30		161.30			
2029-12-31*		149.20		149.20			

Note: Emissions data is applicable to the Projected Universe of the index as at Rebalance Date. Active Share and Tracking Error data is applicable to the Returns Universe of the index as at month end. Refer to the Benchmark Index Rebalancing Rules in the [Bloomberg Fixed Income Index Methodology](#) for a description of the Projected Universe and Returns Universe concepts.

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