

# **Bloomberg Global Equity Paris-Aligned & Climate-Transition Indices**

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**ESG Equity Benchmark Regulation Disclosure Report**

**January 2023**

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# ESG Equity Benchmark Regulation Disclosure Report

## Environmental: GHG Emissions

Index Effective Date	Index Name	# of Members	GHG Emissions <sup>1</sup> Estimated %	GHG Emissions Reported %	HCI Sector <sup>2</sup> Weight %	Scope 3 Weight %
2022-09-15	Bloomberg PAB APAC DM ex-Japan Large & Mid Cap Index	86	16.28	83.72	47.41	4.16
2022-09-15	Bloomberg PAB Canada Large & Mid Cap Index	49	36.36	63.64	52.83	10.00
2022-09-15	Bloomberg PAB Developed Markets Large & Mid Cap Index	1255	56.65	43.35	62.26	0.84
2022-09-15	Bloomberg PAB Europe DM ex-Eurozone Large & Mid Cap Index	150	15.33	84.67	73.35	3.01
2022-09-15	Bloomberg PAB Europe DM Large & Mid Cap Index	318	22.96	77.04	71.59	1.53
2022-09-15	Bloomberg PAB Eurozone DM Large & Mid Cap Index	164	27.44	72.56	69.69	0.00
2022-09-15	Bloomberg PAB Japan Large & Mid Cap Index	179	89.94	10.06	76.25	0.33
2022-09-15	Bloomberg PAB US Large & Mid Cap Index	615	71.54	28.46	60.02	0.17
2022-09-15	Bloomberg PAB Eurozone 50 Index	42	19.05	80.95	72.15	0.00
2022-09-15	Bloomberg CTB Developed Markets Industry Select Index	349	58.23	41.77	82.80	11.02

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon emissions measures are calculated using Scope 1 and Scope 2 emissions. For more information on the emissions models click [here](#)

<sup>2</sup> HCI Sector 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

<sup>3</sup> Scope 3 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

# ESG Equity Benchmark Regulation Disclosure Report

## Environmental: Do No Significant Harm (DNSH)<sup>1</sup>

Index Effective Date	Index Name	Biodiversity Protection % <sup>2</sup>		Climate Change Adaptation % <sup>2</sup>		Climate Change Mitigation % <sup>2</sup>		Pollution Prevention % <sup>2</sup>		Waste Prevention % <sup>2</sup>		Water Sustainability % <sup>2</sup>	
		Parent	PAB	Parent	PAB	Parent	PAB	Parent	PAB	Parent	PAB	Parent	PAB
2022-09-15	Bloomberg PAB APAC DM ex-Japan Large & Mid Cap Index	58.47	58.64	52.09	52.09	62.22	63.13	57.99	61.39	64.04	67.74	54.48	54.48
2022-09-15	Bloomberg PAB Canada Large & Mid Cap Index	55.08	55.00	58.44	60.00	59.45	62.14	55.31	60.00	53.49	53.39	41.77	39.60
2022-09-15	Bloomberg PAB Developed Markets Large & Mid Cap Index	53.11	53.20	46.11	46.18	50.36	50.99	53.47	54.76	51.04	52.14	44.77	44.84
2022-09-15	Bloomberg PAB Europe DM ex-Eurozone Large & Mid Cap Index	75.11	75.62	59.10	59.10	67.14	67.80	68.78	69.53	70.07	70.08	62.93	62.93
2022-09-15	Bloomberg PAB Europe DM Large & Mid Cap Index	75.84	75.84	59.29	59.30	67.03	67.04	69.27	70.42	71.03	71.75	63.37	63.38
2022-09-15	Bloomberg PAB Eurozone DM Large & Mid Cap Index	76.61	76.62	59.50	59.51	66.92	66.92	69.79	71.81	72.05	73.91	63.84	64.14
2022-09-15	Bloomberg PAB Japan Large & Mid Cap Index	23.51	23.75	27.87	27.87	19.58	20.94	23.65	23.65	21.94	22.68	19.29	20.18
2022-09-15	Bloomberg PAB US Large & Mid Cap Index	50.00	50.00	43.75	44.24	48.14	48.91	51.99	53.61	48.12	49.13	42.32	42.53
2022-09-15	Bloomberg PAB Eurozone 50 Index	79.34	79.38	61.88	61.88	67.62	67.62	70.96	74.39	74.20	77.47	65.08	66.88
2022-09-15	Bloomberg CTB Developed Markets Industry Select Index	52.67	52.67	63.35	63.51	57.49	59.42	63.18	63.49	60.24	60.24	56.43	56.43

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Read the primer on what it means to “Do No Significant Harm” available [here](#)

<sup>2</sup> Article 17 defines what constitutes ‘significant harm’ for the six environmental objectives covered by the Taxonomy Regulation. Figures above are percentage scores ranging from 0-100%.

Source: Bloomberg & EU Commission

# ESG Equity Benchmark Regulation Disclosure Report

## Social: Baseline Exclusions

Index Effective Date	Index Name	# of Members	Controversial Weapons <sup>1</sup> Exposure %	Tobacco Exposure %	UNGC/OECD <sup>2</sup> Exposure %	UNGC/OECD Total
2022-09-15	Bloomberg PAB APAC DM ex-Japan Large & Mid Cap Index	86	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Canada Large & Mid Cap Index	49	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Developed Markets Large & Mid Cap Index	1255	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Europe DM ex-Eurozone Large & Mid Cap Index	150	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Europe DM Large & Mid Cap Index	318	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Eurozone DM Large & Mid Cap Index	164	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Japan Large & Mid Cap Index	179	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB US Large & Mid Cap Index	615	0.00	0.00	0.00	0
2022-09-15	Bloomberg PAB Eurozone 50 Index	42	0.00	0.00	0.00	0
2022-09-15	Bloomberg CTB Developed Markets Industry Select Index	349	0.00	0.00	0.00	0

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> 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).

<sup>2</sup> Weighting of benchmark constituents subject to social violations (absolute number and relative divided by all index constituents), as referred to in international treaties and conventions, United Nations principles and, where applicable, national law.

Source: Bloomberg & Sustainalytics

# ESG Equity Benchmark Regulation Disclosure Report

## Unavailable Environmental, Social & Governance Factors

ESG Factor	Benchmark Disclosure <sup>1</sup>
Environmental	Exposure of the benchmark portfolio to activities included in the environmental goods and services sector, as defined in Article 2, point (5) of Regulation (EU) No 691/2011.
Social	Exposure of the benchmark portfolio to companies without due diligence policies on issues addressed by the fundamental International Labor Organisation Conventions 1 to 8.
Social	Weighted average gender pay gap.
Social	Weighted average ratio of female to male board members.
Social	Weighted average ratio of accidents, injuries, fatalities.
Social	Numbers of convictions and amount of fines for violations of anti-corruption and anti-bribery laws.
Governance	Weighted average percentage of board members who are independent.
Governance	Weighted average percentage of female board members.

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup>The ESG Factor Benchmark Disclosure data fields are not yet readily available

Source: Bloomberg & EU Commission

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg APAC DM ex-Japan Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB APAC DM ex-Japan Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	466.99	233.50	29,329	0.00	233.50	466.99	233.50	169.24	64.26	64.26	25.25
2020-10-05		225.18	28,869	-1.57	228.76	576.65	228.76	188.00	40.77	105.02	23.71
2021-04-06		217.15	28,828	-1.71	220.92	600.51	220.92	209.65	11.27	116.30	25.25
2021-09-09		209.41	29,342	0.04	209.32	575.93	209.32	209.32	0.00	116.30	26.39
2022-03-10		201.95	38,603	31.62	153.44	589.18	153.44	153.44	0.00	116.30	29.83
2022-09-15		194.75	40,817	39.17	139.94	620.27	139.94	139.94	0.00	116.30	25.60
2023-03-09*		187.81			134.95		134.95				
2023-09-14*		181.12			130.14		130.14				
2024-03-14*		174.67			125.51		125.51				
2024-09-12*		168.44			121.03		121.03				
2025-03-19*		162.44			116.72		116.72				

Index Tickers	Return	Currency
APXPABP	Price Return	USD
APXPABT	Total Return	USD
APXPABN	Net Total Return	USD
APXPABPE	Price Return	EUR
APXPABTE	Total Return	EUR
APXPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Canada Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB Canada Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	291.90	145.95	45,544	0.00	145.95	291.90	145.95	145.95	0.00	0.00	34.07
2020-10-05		140.75	47,618	4.55	134.62	335.36	134.62	134.62	0.00	0.00	34.42
2021-04-06		135.74	45,437	-0.24	136.06	441.38	136.06	136.06	0.00	0.00	30.81
2021-09-09		130.90	44,705	-1.84	133.36	393.02	133.36	133.36	0.00	0.00	32.46
2022-03-10		126.23	48,685	6.90	118.09	618.02	118.09	118.09	0.00	0.00	39.65
2022-09-15		121.74	58,977	29.50	94.01	531.25	94.01	59.73	34.28	34.28	75.15
2023-03-09*		117.40			90.66		90.66				
2023-09-14*		113.21			87.43		87.43				
2024-03-14*		109.18			84.31		84.31				
2024-09-12*		105.29			81.31		81.31				
2025-03-19*		101.54			78.41		78.41				

Index Tickers	Return	Currency
CAPABPRL	Price Return	CAD
CAPABTL	Total Return	CAD
CAPABNL	Net Total Return	CAD
CAPABP	Price Return	USD
CAPABT	Total Return	USD
CAPABN	Net Total Return	USD

Index Tickers	Return	Currency
CAPABPE	Price Return	EUR
CAPABTE	Total Return	EUR
CAPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Developed Markets Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB Developed Markets Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	193.81	96.90	48,136	0.00	96.90	193.81	96.90	53.40	43.50	43.50	20.19
2020-10-05		93.45	49,583	3.01	90.72	180.91	90.46	54.11	36.34	79.85	18.69
2021-04-06		90.12	51,775	7.56	83.79	209.93	83.79	52.61	31.17	111.02	19.41
2021-09-09		86.91	53,658	11.47	77.96	183.59	77.96	50.37	27.59	138.61	20.15
2022-03-10		83.81	59,864	24.36	67.39	237.18	67.39	44.17	23.23	161.84	20.32
2022-09-15		80.83	69,222	43.81	56.20	250.80	56.20	46.52	9.68	171.52	21.07
2023-03-09*		77.95			54.20		54.20				
2023-09-14*		75.17			52.27		52.27				
2024-03-14*		72.49			50.40		50.40				
2024-09-12*		69.91			48.61		48.61				
2025-03-19*		67.41			46.88		46.88				

Index Tickers	Return	Currency
DMPABP	Price Return	USD
DMPABT	Total Return	USD
DMPABN	Net Total Return	USD
DMPABPE	Price Return	EUR
DMPABTE	Total Return	EUR
DMPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Europe DM ex-Eurozone Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB Europe DM ex-Eurozone Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	421.88	210.94	49,476	0.00	210.94	421.88	210.94	121.72	89.22	89.22	16.95
2020-10-05		203.42	50,484	2.04	199.36	438.70	199.36	130.59	68.77	157.98	15.71
2021-04-06		196.17	49,556	0.16	195.86	493.00	195.86	131.43	64.43	222.41	17.71
2021-09-09		189.18	50,514	2.10	185.29	453.32	185.29	107.52	77.77	300.18	19.09
2022-03-10		182.44	51,205	3.49	176.28	514.61	176.28	127.44	48.84	349.03	20.68
2022-09-15		175.94	59,809	20.89	145.54	495.73	145.54	145.56	-0.02	349.01	22.86
2023-03-09*		169.67			140.36		140.36				
2023-09-14*		163.62			135.35		135.35				
2024-03-14*		157.79			130.53		130.53				
2024-09-12*		152.17			125.88		125.88				
2025-03-19*		146.75			121.39		121.39				

Index Tickers	Return	Currency
EUXPABP	Price Return	USD
EUXPABT	Total Return	USD
EUXPABN	Net Total Return	USD
EUXPABPL	Price Return	EUR
EUXPABTL	Total Return	EUR
EUXPABNL	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Europe DM Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB Europe DM Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	354.05	177.02	53,666	0.00	177.02	354.05	177.02	95.53	81.50	81.50	20.18
2020-10-05		170.71	54,697	1.92	167.50	350.76	167.50	96.83	70.67	152.16	18.94
2021-04-06		164.63	56,756	5.76	155.67	374.66	155.67	95.75	59.92	212.08	20.11
2021-09-09		158.76	57,929	7.94	147.08	328.11	147.08	80.57	66.51	278.60	21.13
2022-03-10		153.11	59,916	11.65	137.14	376.96	137.14	85.80	51.34	329.93	21.27
2022-09-15		147.65	69,855	30.17	113.43	400.59	113.43	99.51	13.92	343.85	22.50
2023-03-09*		142.39			109.39		109.39				
2023-09-14*		137.32			105.49		105.49				
2024-03-14*		132.42			101.74		101.74				
2024-09-12*		127.70			98.11		98.11				
2025-03-19*		123.15			94.61		94.61				

Index Tickers	Return	Currency
ERPPAB	Price Return	USD
ERPPABT	Total Return	USD
ERPPABN	Net Total Return	USD
ERPPABE	Price Return	EUR
ERPPABTE	Total Return	EUR
ERPPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Eurozone Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB Eurozone DM Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	283.73	141.86	57,418	0.00	141.86	283.73	141.86	65.46	76.40	76.40	23.53
2020-10-05		136.81	58,438	1.78	134.42	267.45	133.72	59.75	73.97	150.37	22.00
2021-04-06		131.93	63,563	10.70	119.18	263.12	119.18	61.79	57.39	207.77	22.61
2021-09-09		127.23	65,033	13.26	112.33	208.78	104.39	52.41	51.98	259.74	23.06
2022-03-10		122.70	68,322	18.99	103.12	241.96	103.12	45.76	57.35	317.10	21.99
2022-09-15		118.33	79,407	38.30	85.60	298.36	85.60	43.92	41.64	358.74	22.84
2023-03-09*		114.11			82.51		82.51				
2023-09-14*		110.04			79.57		79.57				
2024-03-14*		106.12			76.73		76.73				
2024-09-12*		102.34			74.00		74.00				
2025-03-19*		98.69			71.36		71.36				

Index Tickers	Return	Currency
EURPABP	Price Return	USD
EURPABT	Total Return	USD
EURPABN	Net Total Return	USD
EURPABPL	Price Return	EUR
EURPABTL	Total Return	EUR
EURPABNL	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Japan Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB Japan Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	267.88	133.94	28,366	0.00	133.94	267.88	133.94	57.22	76.72	76.72	11.08
2020-10-05		129.17	30,078	6.03	121.82	204.76	102.38	61.22	41.16	117.88	9.97
2021-04-06		124.56	29,864	5.28	118.32	214.49	107.24	66.71	40.53	158.41	10.42
2021-09-09		120.13	36,032	27.02	94.57	204.84	94.57	47.96	46.61	205.01	10.80
2022-03-10		115.84	44,104	55.48	74.51	222.55	74.51	49.12	25.39	230.40	11.67
2022-09-15		111.72	45,489	60.40	69.67	301.66	69.67	66.06	3.61	234.00	12.64
2023-03-09*		107.74			67.18		67.18				
2023-09-14*		103.90			64.79		64.79				
2024-03-14*		100.19			62.48		62.48				
2024-09-12*		96.62			60.25		60.25				
2025-03-19*		93.18			58.11		58.11				

Index Tickers	Return	Currency
JPPABPL	Price Return	JPY
JPPABTL	Total Return	JPY
JPPABNL	Net Total Return	JPY
JPPABP	Price Return	USD
JPPABT	Total Return	USD
JPPABN	Net Total Return	USD

Index Tickers	Return	Currency
JPPABPE	Price Return	EUR
JPPABTE	Total Return	EUR
JPPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg US Large & Mid Cap Index
<b>PAB Index</b>	Bloomberg PAB US Large & Mid Cap Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO2e/USDm	GHG Intensity Decarbonisation Trajectory tCO2e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO2e/USDm	GHG Intensity Parent tCO2e/USDm	GHG Intensity PAB Target tCO2e/USDm	GHG Intensity PAB Actual tCO2e/USDm	GHG Realized Versus Target tCO2e/USDm	GHG Realized Versus Target Cumulative tCO2e/USDm	Active Share %
2020-04-06	113.85	56.93	58,307	0.00	56.93	113.85	56.93	22.47	34.45	34.45	20.45
2020-10-05		54.90	60,995	4.61	52.48	99.07	49.53	21.73	27.80	62.25	18.73
2021-04-06		52.94	64,677	10.93	47.73	130.32	47.73	18.18	29.54	91.80	19.42
2021-09-09		51.06	65,888	13.00	45.18	111.89	45.18	20.69	24.49	116.29	19.66
2022-03-10		49.24	69,491	19.18	41.31	166.57	41.31	19.88	21.43	137.71	19.88
2022-09-15		47.48	81,363	39.54	34.03	182.10	34.03	21.58	12.45	150.16	20.83
2023-03-09*		45.79			32.81		32.81				
2023-09-14*		44.16			31.64		31.64				
2024-03-14*		42.58			30.52		30.52				
2024-09-12*		41.07			29.43		29.43				
2025-03-19*		39.60			28.38		28.38				

Index Tickers	Return	Currency
USPABP	Price Return	USD
USPABT	Total Return	USD
USPABN	Net Total Return	USD
USPABPE	Price Return	EUR
USPABTE	Total Return	EUR
USPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO2e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Eurozone 50 Index
<b>PAB Index</b>	Bloomberg PAB Eurozone 50 Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	267.32	133.66	131,445	0.00	133.66	267.32	133.66	34.21	99.45	99.45	28.06
2020-10-05		128.90	128,464	-2.27	131.89	187.34	93.67	36.14	57.53	156.98	26.16
2021-04-06		124.30	145,313	10.55	112.44	260.01	112.44	39.08	73.36	230.34	28.33
2021-09-09		119.87	148,897	13.28	105.82	143.72	71.86	40.85	31.01	261.35	25.95
2022-03-10		115.60	157,925	20.15	96.22	230.48	96.22	35.84	60.38	321.73	23.91
2022-09-15		111.48	160,519	22.12	91.29	302.12	91.29	32.58	58.71	380.44	26.33
2023-03-09*		107.51			88.04		88.04				
2023-09-14*		103.68			84.90		84.90				
2024-03-14*		99.98			81.87		81.87				
2024-09-12*		96.42			78.96		78.96				
2025-03-19*		92.99			76.14		76.14				

Index Tickers	Return	Currency
EU50PABP	Price Return	EUR
EU50PABT	Total Return	EUR
EU50PABN	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Decarbonisation Trajectory

<b>Base Index</b>	Bloomberg Developed Markets Industry Select Index
<b>CTB Index</b>	Bloomberg CTB Developed Markets Industry Select Index

Effective Date	GHG Intensity <sup>1</sup> Parent Base Date tCO <sub>2</sub> e/USDm	GHG Intensity Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	Average Enterprise Value Including Cash USDm	EVIC Inflation %	EVIC Inflation Adjusted GHG Decarbonisation Trajectory tCO <sub>2</sub> e/USDm	GHG Intensity Parent tCO <sub>2</sub> e/USDm	GHG Intensity PAB Target tCO <sub>2</sub> e/USDm	GHG Intensity PAB Actual tCO <sub>2</sub> e/USDm	GHG Realized Versus Target tCO <sub>2</sub> e/USDm	GHG Realized Versus Target Cumulative tCO <sub>2</sub> e/USDm	Active Share %
2020-04-06	665.45	465.82	38,198	0.00	465.82	665.45	465.82	465.16	0.65	0.65	34.32
2020-10-05		449.22	39,791	4.17	431.23	577.45	404.21	403.97	0.25	0.90	34.49
2021-04-06		433.21	41,091	7.57	402.71	657.08	402.71	402.13	0.58	1.48	33.68
2021-09-09		417.77	43,173	13.02	369.63	569.54	369.63	369.44	0.19	1.66	40.17
2022-03-10		402.88	47,688	24.84	322.71	722.41	322.71	322.35	0.36	2.03	38.11
2022-09-15		388.53	55,922	46.40	265.39	752.24	265.39	264.72	0.67	2.70	44.67
2023-03-09*		374.68			255.93		255.93				
2023-09-14*		361.33			246.81		246.81				
2024-03-14*		348.45			238.02		238.02				
2024-09-12*		336.04			229.53		229.53				
2025-03-19*		324.06			221.36		221.36				

Index Tickers	Return	Currency
DMISCTBP	Price Return	USD
DMISCTBT	Total Return	USD
DMISCTBP	Net Total Return	USD

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Index level carbon intensity measures are calculated using Scope 1, 2 and 3 (where applicable) emissions. Measured in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per million of enterprise value (USDm) using data provided by Bloomberg. For more information on the emissions models click [here](#)

\* Estimated effective dates in the future subject to change

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

**PAB Index**

Bloomberg PAB APAC DM ex-Japan Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Commonwealth Bank of Australia	CBA	6.80%	Financials
AIA Group Ltd	1299	6.56%	Financials
CSL Ltd	CSL	6.08%	Health Care
National Australia Bank Ltd	NAB	4.32%	Financials
Australia & New Zealand Banking Group Ltd	ANZ	3.01%	Financials
DBS Group Holdings Ltd	DBS	2.92%	Financials
Hong Kong Exchanges & Clearing Ltd	388	2.83%	Financials
Wesfarmers Ltd	WES	2.65%	Consumer Discretionary
Macquarie Group Ltd	MQG	2.63%	Financials
Woolworths Group Ltd	WOW	2.33%	Consumer Staples

Index Tickers	Return	Currency
APXPABP	Price Return	USD
APXPABT	Total Return	USD
APXPABN	Net Total Return	USD
APXPABPE	Price Return	EUR
APXPABTE	Total Return	EUR
APXPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

**PAB Index**

Bloomberg PAB Canada Markets Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Royal Bank of Canada	RY	8.22%	Financials
Toronto-Dominion Bank/The	TD	7.08%	Financials
Nutrien Ltd	NTR	4.45%	Materials
Waste Connections Inc	WCN	3.93%	Industrials
Bank of Montreal	BMO	3.80%	Financials
Bank of Nova Scotia/The	BNS	3.60%	Financials
Agnico Eagle Mines Ltd	AEM	2.88%	Materials
Loblaw Cos Ltd	L	2.80%	Consumer Staples
Wheaton Precious Metals Corp	WPM	2.70%	Materials
Dollarama Inc	DOL	2.66%	Consumer Staples

Index Tickers	Return	Currency
CAPABPRL	Price Return	CAD
CAPABTL	Total Return	CAD
CAPABNL	Net Total Return	CAD
CAPABP	Price Return	USD
CAPABT	Total Return	USD
CAPABN	Net Total Return	USD

Index Tickers	Return	Currency
CAPABPE	Price Return	EUR
CAPABTE	Total Return	EUR
CAPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

PAB Index

Bloomberg PAB Developed Markets Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Apple Inc	AAPL	4.66%	Technology
Microsoft Corp	MSFT	3.85%	Technology
Amazon.com Inc	AMZN	2.23%	Consumer Discretionary
Tesla Inc	TSLA	1.54%	Consumer Discretionary
UnitedHealth Group Inc	UNH	1.06%	Health Care
Procter & Gamble Co/The	PG	0.68%	Consumer Staples
JPMorgan Chase & Co	JPM	0.68%	Financials
NVIDIA Corp	NVDA	0.66%	Technology
Home Depot Inc/The	HD	0.65%	Consumer Discretionary
Nestle SA	NESN	0.65%	Consumer Staples

Index Tickers	Return	Currency
DMPABP	Price Return	USD
DMPABT	Total Return	USD
DMPABN	Net Total Return	USD
DMPABPE	Price Return	EUR
DMPABTE	Total Return	EUR
DMPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

**PAB Index**

Bloomberg PAB Europe DM ex-Eurozone Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Nestle SA	NESN	7.65%	Consumer Staples
Roche Holding AG	ROG	6.24%	Health Care
Novartis AG	NOVN	4.82%	Health Care
AstraZeneca PLC	AZN	4.67%	Health Care
Novo Nordisk A/S	NOVOB	4.45%	Health Care
Unilever PLC	ULVR	3.24%	Consumer Staples
HSBC Holdings PLC	HSBA	2.63%	Financials
Diageo PLC	DGE	2.48%	Consumer Staples
GSK PLC	GSK	1.89%	Health Care
Zurich Insurance Group AG	ZURN	1.68%	Financials

Index Tickers	Return	Currency
EUXPABP	Price Return	USD
EUXPABT	Total Return	USD
EUXPABN	Net Total Return	USD
EUXPABPL	Price Return	EUR
EUXPABTL	Total Return	EUR
EUXPABNL	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

PAB Index

Bloomberg PAB Europe DM Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Nestle SA	NESN	3.90%	Consumer Staples
Roche Holding AG	ROG	3.20%	Health Care
Novartis AG	NOVN	2.46%	Health Care
ASML Holding NV	ASML	2.39%	Technology
AstraZeneca PLC	AZN	2.36%	Health Care
Novo Nordisk A/S	NOVOB	2.27%	Health Care
LVMH Moet Hennessy Louis Vuitton SE	MC	2.19%	Consumer Discretionary
Unilever PLC	ULVR	1.63%	Consumer Staples
HSBC Holdings PLC	HSBA	1.37%	Financials
Diageo PLC	DGE	1.28%	Consumer Staples

Index Tickers	Return	Currency
ERPPAB	Price Return	USD
ERPPABT	Total Return	USD
ERPPABN	Net Total Return	USD
ERPPABE	Price Return	EUR
ERPPABTE	Total Return	EUR
ERPPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

**PAB Index**

Bloomberg PAB Eurozone DM Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
ASML Holding NV	ASML	4.86%	Technology
LVMH Moet Hennessy Louis Vuitton SE	MC	4.51%	Consumer Discretionary
SAP SE	SAP	2.41%	Technology
L'Oreal SA	OR	2.41%	Consumer Staples
Siemens AG	SIE	2.32%	Industrials
Schneider Electric SE	SU	2.04%	Industrials
Allianz SE	ALV	1.83%	Financials
Vinci SA	DG	1.57%	Industrials
Deutsche Telekom AG	DTE	1.56%	Communications
BNP Paribas SA	BNP	1.52%	Financials

Index Tickers	Return	Currency
EURPABP	Price Return	USD
EURPABT	Total Return	USD
EURPABN	Net Total Return	USD
EURPABPL	Price Return	EUR
EURPABTL	Total Return	EUR
EURPABNL	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

PAB Index

Bloomberg PAB Japan Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Toyota Motor Corp	7203	5.22%	Consumer Discretionary
Sony Group Corp	6758	2.96%	Technology
Keyence Corp	6861	2.33%	Industrials
Nippon Telegraph & Telephone Corp	9432	2.19%	Communications
Daiichi Sankyo Co Ltd	4568	2.02%	Health Care
Mitsubishi UFJ Financial Group Inc	8306	1.88%	Financials
Nintendo Co Ltd	7974	1.78%	Technology
KDDI Corp	9433	1.64%	Communications
Daikin Industries Ltd	6367	1.59%	Industrials
Takeda Pharmaceutical Co Ltd	4502	1.53%	Health Care

Index Tickers	Return	Currency
JPPABPL	Price Return	JPY
JPPABTL	Total Return	JPY
JPPABNL	Net Total Return	JPY
JPPABP	Price Return	USD
JPPABT	Total Return	USD
JPPABN	Net Total Return	USD

Index Tickers	Return	Currency
JPPABPE	Price Return	EUR
JPPABTE	Total Return	EUR
JPPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

PAB Index

Bloomberg PAB US Large & Mid Cap Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Apple Inc	AAPL	6.59%	Technology
Microsoft Corp	MSFT	5.48%	Technology
Amazon.com Inc	AMZN	3.18%	Consumer Discretionary
Tesla Inc	TSLA	2.21%	Consumer Discretionary
UnitedHealth Group Inc	UNH	1.51%	Health Care
JPMorgan Chase & Co	JPM	0.97%	Financials
Procter & Gamble Co/The	PG	0.97%	Consumer Staples
NVIDIA Corp	NVDA	0.95%	Technology
Home Depot Inc/The	HD	0.94%	Consumer Discretionary
Visa Inc	V	0.93%	Technology

Index Tickers	Return	Currency
USPABP	Price Return	USD
USPABT	Total Return	USD
USPABN	Net Total Return	USD
USPABPE	Price Return	EUR
USPABTE	Total Return	EUR
USPABNE	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

PAB Index

Bloomberg PAB Eurozone 50 Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
ASML Holding NV	ASML	7.60%	Technology
LVMH Moet Hennessy Louis Vuitton SE	MC	7.52%	Consumer Discretionary
SAP SE	SAP	4.46%	Technology
L'Oreal SA	OR	4.23%	Consumer Staples
Schneider Electric SE	SU	4.21%	Industrials
Siemens AG	SIE	4.17%	Industrials
Vinci SA	DG	3.45%	Industrials
EssilorLuxottica SA	EL	3.24%	Health Care
Pernod Ricard SA	RI	3.15%	Consumer Staples
BNP Paribas SA	BNP	3.05%	Financials

Index Tickers	Return	Currency
EU50PABP	Price Return	EUR
EU50PABT	Total Return	EUR
EU50PABN	Net Total Return	EUR

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-09-30

Source: Bloomberg

# ESG Equity Benchmark Regulation Disclosure Report

## Top Constituents

CTB Index

Bloomberg CTB Developed Markets Industry Select Index

Security	Ticker	Weight % <sup>1</sup>	BICS Sector
Siemens AG	SIE	0.69%	Industrials
Halliburton Co	HAL	0.65%	Energy
Air Products and Chemicals Inc	APD	0.61%	Materials
TotalEnergies SE	TTE	0.61%	Energy
SAP SE	SAP	0.61%	Technology
AGCO Corp	AGCO	0.61%	Industrials
DuPont de Nemours Inc	DD	0.61%	Materials
Hess Corp	HES	0.60%	Energy
Xylem Inc	XYL	0.60%	Industrials
Mercedes-Benz Group AG	MBG	0.59%	Consumer Discretionary

Index Tickers	Return	Currency
DMISCTBP	Price Return	USD
DMISCTBT	Total Return	USD
DMISCTBN	Net Total Return	USD

Bloomberg Global Equity Paris-Aligned & Climate Transition Index Methodology available [here](#)

<sup>1</sup> Weight % Data as of 2022-12-30

Source: Bloomberg

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