

Euronext Low Carbon 300 World PAB Index

December 31, 2021

Company	Cnty	MNEMO	Sector (ICB)	Weight (%)
APPLE	US	AAPL	Computer Hardware	10.23
MICROSOFT CORP	US	MSFT	Software	8.63
NVIDIA CORP	US	NVDA	Semiconductors	2.69
HOME DEPOT INC	US	HD	Home Improvement Retailers	1.73
JOHNSON & JOHNSON	US	JNJ	Pharmaceuticals	1.70
UNITED HEALTH GROUP	US	UNH	Health Care Management Services	1.59
ACCENTURE PLC-A	US	ACN	Professional Business Support Services	1.38
PFIZER	US	PFE	Pharmaceuticals	1.17
RELX	NL	REN	Publishing	1.15
CISCO SYSTEMS INC	US	CSCO	Telecommunications Equipment	1.15
MCDONALD'S CORP	US	MCD	Restaurants and Bars	1.00
ABBOTT LABORATORIES	US	ABT	Medical Equipment	0.97
ADOBE INC	US	ADBE	Software	0.92
SALESFORCE.COM	US	CRM	Software	0.90
UNION PACIFIC CORP	US	UNP	Railroads	0.90
NIKE INC	US	NKE	Footwear	0.88
ABBVIE INC.	US	ABBV	Pharmaceuticals	0.87
LVMH	FR	MC	Clothing and Accessories	0.87
ELI LILLY AND CO	US	LLY	Pharmaceuticals	0.87
TOYOTA MOTOR CORP	JP	7203	Automobiles	0.86
NOVARTIS	CH	NOVN	Pharmaceuticals	0.84
AT&T INC	US	T	Telecommunications Services	0.81
LOWE'S COMPANIES INC	US	LOW	Home Improvement Retailers	0.75
QUALCOMM INCORP.	US	QCOM	Semiconductors	0.75
DIAGEO	GB	DGE	Distillers and Vintners	0.74
NOVO NORDISK A/S	DK	NOVOB	Pharmaceuticals	0.71
MERCK & COMPANY	US	MRK	Pharmaceuticals	0.70
INTEL CORP	US	INTC	Semiconductors	0.70
SONY GROUP CORP	JP	6758	Consumer Electronics	0.66
ADVANCED MICRO DEV.	US	AMD	Semiconductors	0.66
UNILEVER	NL	UNA	Personal Products	0.65

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BLACKROCK INC.	US	BLK	Asset Managers and Custodians	0.65
NAT AUSTRALIA BANK	AU	NAB	Banks	0.64
PERNOD RICARD	FR	RI	Distillers and Vintners	0.61
CVS HEALTH CORP.	US	CVS	Drug Retailers	0.60
ASTRAZENECA	GB	AZN	Pharmaceuticals	0.59
METTLER-TOLEDO INTER	US	MTD	Electronic Equipment: Gauges and Meters	0.59
SCHNEIDER ELECTRIC	FR	SU	Electrical Components	0.59
COMMONW BNK OF AUSTR	AU	CBA	Banks	0.58
AIA	HK	1299	Life Insurance	0.56
S&P GLOBAL	US	SPGI	Financial Data Providers	0.56
BANK OF AMERICA	US	BAC	Banks	0.55
SAP	DE	SAPG	Software	0.54
AMERICAN EXPRESS	US	AXP	Transaction Processing Services	0.53
AUTOM. DATA PROCESSI	US	ADP	Professional Business Support Services	0.52
DNB BANK	NO	DNB	Banks	0.52
EQUINIX INC	US	EQIX	Other Specialty REITs	0.51
BRISTOL MYERS SQUIBB	US	BMY	Pharmaceuticals	0.51
MEDTRONIC PLC	US	MDT	Medical Equipment	0.50
PEPSICO	US	PEP	Soft Drinks	0.49
L'OREAL	FR	OR	Cosmetics	0.47
AMGEN INC	US	AMGN	Pharmaceuticals	0.46
CSX CORP	US	CSX	Railroads	0.46
ORACLE CORP	US	ORCL	Software	0.45
PNC FINANCIAL SERV.	US	PNC	Banks	0.43
NESTLE SA	CH	NESN	Food Products	0.43
SVENSKA HANDELSBNKEN	SE	SHBA	Banks	0.43
ROCKWELL AUTOMATION	US	ROK	Electronic Equipment: Control and Filter	0.42
ABB LTD	CH	ABBN	Electrical Components	0.41
SANOFI	FR	SAN	Pharmaceuticals	0.40
ECOLAB INC	US	ECL	Chemicals: Diversified	0.40
TJX COMPANIES INC	US	TJX	Apparel Retailers	0.40

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Company	Cnty	MNEMO	Sector (ICB)	Weight (%)
GLAXOSMITHKLINE	GB	GSK	Pharmaceuticals	0.40
CHUBB LIMITED	US	CB	Property and Casualty Insurance	0.39
ALLIANZ SE	DE	ALVG	Full Line Insurance	0.39
CITIGROUP INC	US	C	Banks	0.38
U.S. BANCORP	US	USB	Banks	0.36
MITSUBISHI UFJ F	JP	8306	Banks	0.36
AUSTR & NEW ZEAL BNK	AU	ANZ	Banks	0.36
MICRON TECHNOLOGY	US	MU	Semiconductors	0.35
SIMON PROPERTY GROUP	US	SPG	Retail REITs	0.34
COLGATE-PALMOLIVE CO	US	CL	Personal Products	0.33
CONSTELLATION BRANDS	US	STZ	Brewers	0.33
DEUTSCHE POST AG	DE	DPW	Delivery Services	0.33
GILEAD SCIENCES INC.	US	GILD	Pharmaceuticals	0.33
SOFTBANK GROUP C	JP	9984	Telecommunications Services	0.33
T-MOBILE US INC.	US	TMUS	Telecommunications Services	0.33
LAM RESEARCH CORP.	US	LRCX	Production Technology Equipment	0.33
BANCO SANTANDER CENT	ES	SAN	Banks	0.33
NIPPON TELEGRAPH	JP	9432	Telecommunications Services	0.33
ESTEE LAUDER COS INC	US	EL	Cosmetics	0.32
DIGITAL REALTY TRUST	US	DLR	Other Specialty REITs	0.32
FERGUSON	GB	FERG	Industrial Suppliers	0.32
CIE FIN RICHEMONT	CH	CFR	Luxury Items	0.31
EDWARDS LIFESCIENCES	US	EW	Medical Supplies	0.31
JOHNSON CONTROLS INT	US	JCI	Electronic Equipment: Control and Filter	0.30
HITACHI	JP	6501	Electronic Equipment: Gauges and Meters	0.30
MOODY'S CORPORATION	US	MCO	Financial Data Providers	0.30
FORD MOTOR CO	US	F	Automobiles	0.30
TOKYO ELECTRON	JP	8035	Production Technology Equipment	0.29
KINGSPAN GROUP PLC	IE	KRX	Building Materials: Other	0.29
SUMITOMO MITSUI TRST	JP	8309	Banks	0.28
BECTON DICKINSON	US	BDX	Medical Supplies	0.28

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Company	Cnty	MNEMO	Sector (ICB)	Weight (%)
ZURICH INSURANCE AG	CH	ZURN	Full Line Insurance	0.28
MACQUARIE GROUP	AU	MQG	Diversified Financial Services	0.27
RECKITT BENCKISER GR	GB	RB	Nondurable Household Products	0.27
MONDELEZ INT CLASS A	US	MDLZ	Food Products	0.27
MSCI INC. CLASS A	US	MSCI	Financial Data Providers	0.27
DEUTSCHE TELEKOM AG	DE	DTEG	Telecommunications Services	0.27
CIGNA CORPORATION	US	CI	Health Care Management Services	0.26
NIBE INDUSTRIER AB	SE	NIBEB	Building: Climate Control	0.26
REGENERON PHARMA	US	REGN	Biotechnology	0.25
EXPERIAN	GB	EXPN	Professional Business Support Services	0.25
SMFG	JP	8316	Banks	0.25
ORIENTAL LAND CO	JP	4661	Recreational Services	0.24
ATLAS COPCO A	SE	ATCOA	Machinery: Construction and Handling	0.24
ADIDAS AG	DE	ADSGN	Footwear	0.24
KERING	FR	KER	Clothing and Accessories	0.23
EDP RENOVAVEIS	PT	EDPR	Alternative Electricity	0.23
ENPHASE ENERGY INC.	US	ENPH	Renewable Energy Equipment	0.23
DSM KON	NL	DSM	Food Products	0.23
AUTODESK INC	US	ADSK	Software	0.23
ANALOG DEVICES INC	US	ADI	Semiconductors	0.23
WELLTOWER INC.	US	WELL	Health Care REITs	0.23
MARRIOTT INTERN. INC	US	MAR	Hotels and Motels	0.22
HILTON WORLDWIDE	US	HLT	Hotels and Motels	0.22
T. ROWE PRICE GROUP	US	TROW	Asset Managers and Custodians	0.22
BBVA	ES	BBVA	Banks	0.22
LLOYDS BANKING GROUP	GB	LLOY	Banks	0.22
BANK NY MELLON	US	BK	Investment Services	0.22
VERISK ANALYTICS INC	US	VRSK	Professional Business Support Services	0.22
KIMBERLY-CLARK CORP	US	KMB	Personal Products	0.22
GETLINK SE	FR	GET	Railroads	0.22
YUM! BRANDS INC.	US	YUM	Restaurants and Bars	0.21

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INFINEON TECHNOLOGIE	DE	IFXGN	Semiconductors	0.21
ROCKWOOL B	DK	ROCKB	Building Materials: Other	0.21
MARVELL TECHNOLOGY	US	MRVL	Semiconductors	0.21
VERTEX PHARMA	US	VRTX	Pharmaceuticals	0.21
VOLVO AB	SE	VOLVO	Commercial Vehicles and Parts	0.21
FIRST SOLAR INC	US	FSLR		0.21
ORMAT TECHNOLOGI	US	ORAN		0.21
HUMANA INC.	US	HUM	Health Care Management Services	0.21
PARKER-HANNIFIN CORP	US	PH	Diversified Industrials	0.21
VODAFONE GROUP	GB	VOD	Telecommunications Services	0.20
MURATA MFG CO	JP	6981	Electronic Components	0.20
XILINX INC.	US	XLNX	Semiconductors	0.19
DAIICHI SANKYO	JP	4568	Pharmaceuticals	0.19
DENTSU GROUP INC	JP	4324	Media Agencies	0.19
LONDON STOCK EXCHANG	GB	LSEG	Financial Data Providers	0.19
ENCAVIS	DE	ECV	Alternative Electricity	0.19
SYSCO CORPORATION	US	SYG	Food Retailers and Wholesalers	0.19
METLIFE INC.	US	MET	Life Insurance	0.18
SOLARIA ENERGIA	ES	SLRS	Alternative Electricity	0.18
AGILENT TECHNOLOGIES	US	A	Medical Equipment	0.18
INFORMA	GB	INF	Media Agencies	0.18
PRUDENTIAL PLC	GB	PRU	Life Insurance	0.18
TOKIO MARINE HLDGS	JP	8766	Property and Casualty Insurance	0.18
NOKIA	FI	NOKIA	Telecommunications Equipment	0.18
LEGRAND	FR	LR	Electrical Components	0.18
NEOEN	FR	NEOEN	Alternative Electricity	0.18
PACCAR INC	US	PCAR	Commercial Vehicles and Parts	0.18
MERIDIAN ENERGY	NZ	MEL	Alternative Electricity	0.17
EBAY INC.	US	EBAY	Consumer Services: Misc.	0.17
HONDA MOTOR COMPANY	JP	7267	Automobiles	0.17
PRUDENTIAL FINANCIAL	US	PRU	Life Insurance	0.17

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DEUTSCHE BOERSE AG	DE	DB1GN	Investment Services	0.16
MUNICH RE	DE	MUVGN	Reinsurance	0.16
SEGRO	GB	SGRO	Industrial REITs	0.16
AB INBEV	BE	ABI	Brewers	0.16
WOOLWORTHS GROUP	AU	WOW	Food Retailers and Wholesalers	0.16
GENERAL MOTORS COMP.	US	GM	Automobiles	0.16
DENSO CORP	JP	6902	Auto Parts	0.16
KNORR-BREMSE AG	DE	KBX	Railroad Equipment	0.16
INTL FLAVORS & FRAGR	US	IFF	Specialty Chemicals	0.16
TAKEDA PHARMACEU	JP	4502	Pharmaceuticals	0.15
VESTAS WIND SYSTEMS	DK	VWS	Renewable Energy Equipment	0.15
BAXTER INTL INC	US	BAX	Medical Equipment	0.15
TRANSURBAN GROUP	AU	TCL	Transportation Services	0.15
MERCURY NZ LTD	NZ	MCY	Alternative Electricity	0.15
KONE OYJ	FI	KNEBV	Machinery: Industrial	0.15
STANLEY BLACK & DECK	US	SWK	Machinery: Tools	0.15
ALSTOM	FR	ALO	Electrical Components	0.14
INDITEX	ES	ITX	Apparel Retailers	0.14
FERROVIAL SA	ES	FER	Engineering and Contracting Services	0.14
BIOGEN INC	US	BIIB	Biotechnology	0.14
ALLSTATE CORPORATION	US	ALL	Property and Casualty Insurance	0.14
UPM-KYMMENE OYJ	FI	UPM	Paper	0.14
HP INC	US	HPQ	Computer Hardware	0.14
NORDEX SE	DE	NDXG	Renewable Energy Equipment	0.13
SOCIETE GENERALE	FR	GLE	Banks	0.13
CAPGEMINI	FR	CAP	Computer Services	0.13
SIEMENS GAMESA	ES	SGREN	Renewable Energy Equipment	0.13
BRENNTAG SE	DE	BNRGN	Chemicals: Diversified	0.13
AMERICAN WATER WORKS	US	AWK	Water	0.13
ASTELLAS PHARMA	JP	4503	Pharmaceuticals	0.13
KAO CORP	JP	4452	Personal Products	0.13

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Company	Cnty	MNEMO	Sector (ICB)	Weight (%)
PHILIPS KON	NL	PHIA	Medical Equipment	0.12
SGS	CH	SGSN	Security Services	0.12
FUJITSU	JP	6702	Computer Hardware	0.12
LINK REIT	HK	823	Retail REITs	0.12
KOMATSU LTD	JP	6301	Machinery: Construction and Handling	0.12
OLYMPUS CORP	JP	7733	Medical Equipment	0.12
NEL	NO	NEL	Renewable Energy Equipment	0.12
SIEMENS AG	DE	SIE	Diversified Industrials	0.12
SUNRUN INC	US	RUN		0.12
GENERAL MILLS INC.	US	GIS	Food Products	0.12
SCATEC	NO	SCATC	Renewable Energy Equipment	0.12
STMICROELECTRONICS	FR	STM	Semiconductors	0.12
TELEFONICA	ES	TEF	Telecommunications Services	0.11
SWISS RE AG	CH	SRENH	Reinsurance	0.11
KBC	BE	KBC	Banks	0.11
AEON CO LTD	JP	8267	Food Retailers and Wholesalers	0.11
AIR PROD & CHEMICALS	US	APD	Specialty Chemicals	0.11
BALLARD POWER	CA	BLDP		0.11
FUJIFILM HOLDING	JP	4901	Electronic Office Equipment	0.10
BEST BUY CO. INC.	US	BBY	Specialty Retailers	0.10
AP MOELLER - MAERSK	DK	MAERA	Marine Transportation	0.10
ASSICURAZ. GENERALI	IT	GASI	Full Line Insurance	0.10
CHUGAI PHARMA CO	JP	4519	Pharmaceuticals	0.10
3I GROUP PLC	GB	III	Asset Managers and Custodians	0.10
AMADEUS IT GROUP	ES	AMS	Computer Services	0.10
SHISEIDO CO LTD	JP	4911	Cosmetics	0.10
LEGAL AND GENERAL	GB	LGEN	Life Insurance	0.10
ZIMMER BIOMET HOLD.	US	ZBH	Medical Equipment	0.10
SVENSKA CELLULOSA B	SE	SCAB	Forestry	0.09
ORANGE	FR	ORA	Telecommunications Services	0.09
SECOM CO LTD	JP	9735	Security Services	0.09

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CANON INC	JP	7751	Electronic Office Equipment	0.09
PLUG POWER INC.	US	PLUG	Renewable Energy Equipment	0.09
VEOLIA ENVIRON.	FR	VIE	Water	0.09
BT GROUP PLC	GB	BT	Telecommunications Services	0.08
KYOCERA CORP	JP	6971	Electronic Components	0.08
CREDIT AGRICOLE	FR	ACA	Banks	0.08
SHIONOGI & CO	JP	4507	Pharmaceuticals	0.08
ST JAMES'S PLACE	GB	SJP	Asset Managers and Custodians	0.08
SMURFIT KAPPA GP	IE	SK3	Containers and Packaging	0.08
WORLDLINE	FR	WLN	Transaction Processing Services	0.08
OMRON CORPORATION	JP	6645	Electronic Components	0.08
DAIWA HOUSE INDU	JP	1925	Home Construction	0.08
BOLIDEN AB	SE	BOLI	General Mining	0.08
BOUYGUES	FR	EN	Construction	0.08
STORA ENSO OYJ	FI	STERV	Paper	0.08
NOMURA HOLDINGS	JP	8604	Investment Services	0.07
AENA SME	ES	AENA	Transportation Services	0.07
SOMPO HOLDINGS I	JP	8630	Property and Casualty Insurance	0.07
ASAHI KASEI CORP	JP	3407	Chemicals: Diversified	0.07
TAISEI CORP	JP	1801	Construction	0.07
ALFA LAVAL	SE	ALFA	Electronic Equipment: Control and Filter	0.07
ZALANDO SE	DE	ZALG	Apparel Retailers	0.07
NOMURA RESEARCH	JP	4307	Computer Services	0.07
MONDI PLC	GB	MNDI	Containers and Packaging	0.07
EDENRED	FR	EDEN	Transaction Processing Services	0.07
ADVANTEST CORP	JP	6857	Production Technology Equipment	0.06
MS&AD INSURANCE GRP	JP	8725	Property and Casualty Insurance	0.06
HENNES & MAURITZ AB	SE	HMB	Apparel Retailers	0.06
OTSUKA HOLDINGS	JP	4578	Pharmaceuticals	0.06
SCHINDLER HLDG AG	CH	SCHP	Machinery: Industrial	0.06
NN GROUP	NL	NN	Life Insurance	0.06

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CARLSBERG A/S CL. B	DK	CARLB	Brewers	0.06
INTERCONTINENTAL HTL	GB	IHG	Hotels and Motels	0.06
TDK CORP	JP	6762	Electronic Components	0.06
AJINOMOTO COMPANY	JP	2802	Food Products	0.06
UNIBAIL-RODAMCO-WE	NL	URW	Retail REITs	0.05
LOGITECH INTL SA	CH	LOGN	Computer Hardware	0.05
TOTO	JP	5332	Building Materials: Other	0.05
DEXUS PROPERTY GROUP	AU	DXS	Office REITs	0.05
ONO PHARMA	JP	4528	Pharmaceuticals	0.05
FISHER & PAYKEL	NZ	FPH	Medical Equipment	0.05
MIRVAC GROUP	AU	MGR	Residential REITs	0.05
KPN KON	NL	KPN	Telecommunications Services	0.05
CAPITALAND INTEG COM	SG	CMLT	Retail REITs	0.05
SHIMIZU CORP	JP	1803	Construction	0.05
QBE INSURANCE	AU	QBE	Property and Casualty Insurance	0.05
GPT GROUP/THE	AU	GPT	Retail REITs	0.05
FUJI ELECTRIC CO	JP	6504	Electrical Components	0.05
BEIERSDORF AG	DE	BEIA	Personal Products	0.05
NTT DATA CORP	JP	9613	Computer Services	0.05
CONTINENTAL AG	DE	CONG	Auto Parts	0.04
TOPPAN INC	JP	7911	Forms and Bulk Printing Services	0.04
RESONA HOLDINGS	JP	8308	Banks	0.04
NEC CORP	JP	6701	Computer Hardware	0.04
WHITBREAD	GB	WTB	Hotels and Motels	0.04
NOMURA REAL EST MAST	JP	3462	Diversified REITs	0.04
METSO OUTOTEC	FI	MOCOR	Machinery: Construction and Handling	0.04
ABRDN	GB	ABDN	Asset Managers and Custodians	0.04
SAGE GROUP PLC/THE	GB	SGE	Software	0.04
SUMITOMO CHEM CO	JP	4005	Chemicals: Diversified	0.04
BURBERRY GROUP	GB	BRBY	Clothing and Accessories	0.04
BARRATT DEVELOPMENTS	GB	BDEV	Home Construction	0.04

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INSURANCE AUSTRALIA	AU	IAG	Property and Casualty Insurance	0.03
NEW WORLD DEVELOPMENT	HK	17	Real Estate Holding and Development	0.03
KOITO MFG CO	JP	7276	Auto Parts	0.03
CAPITALAND INVESTMENTS	SG	CAPN	Real Estate Holding and Development	0.03
OJI HOLDINGS CORP	JP	3861	Paper	0.03
LIXIL GROUP CORP	JP	5938	Building Materials: Other	0.03
ROHM CO LTD	JP	6963	Semiconductors	0.03
YAMAHA CORP	JP	7951	Recreational Products	0.03
MITSUBISHI CHEMICALS	JP	4183	Chemicals: Diversified	0.03
ENDEAVOUR GROUP LTD	AU	EDV	Food Retailers and Wholesalers	0.03
ORGANON & CO	US	OGN	Pharmaceuticals	0.03
AURIZON HOLDINGS	AU	AZJ	Railroads	0.03
SANDS CHINA LTD	HK	1928	Casino and Gambling	0.03
YAMAHA MOTOR CO	JP	7272	Recreational Vehicles and Boats	0.03
NABTESCO CORP	JP	6268	Machinery: Industrial	0.02
AISIN SEIKI CO	JP	7259	Auto Parts	0.02
ASSOC. BRITISH FOODS	GB	ABF	Food Products	0.02
INDUSTRIAL VARDEN AB A	SE	INDUC	Asset Managers and Custodians	0.02
SKF	SE	SKF	Metal Fabricating	0.02
SUMCO CORP	JP	3436	Semiconductors	0.02
KOSE CORP	JP	4922	Cosmetics	0.02
RICOH CO LTD	JP	7752	Electronic Office Equipment	0.02
JACKSON FINANCIAL	US	JXN	Life Insurance	0.01
VITESCO TECHNOLOGIES	DE	VTSCN	Auto Parts	0.00