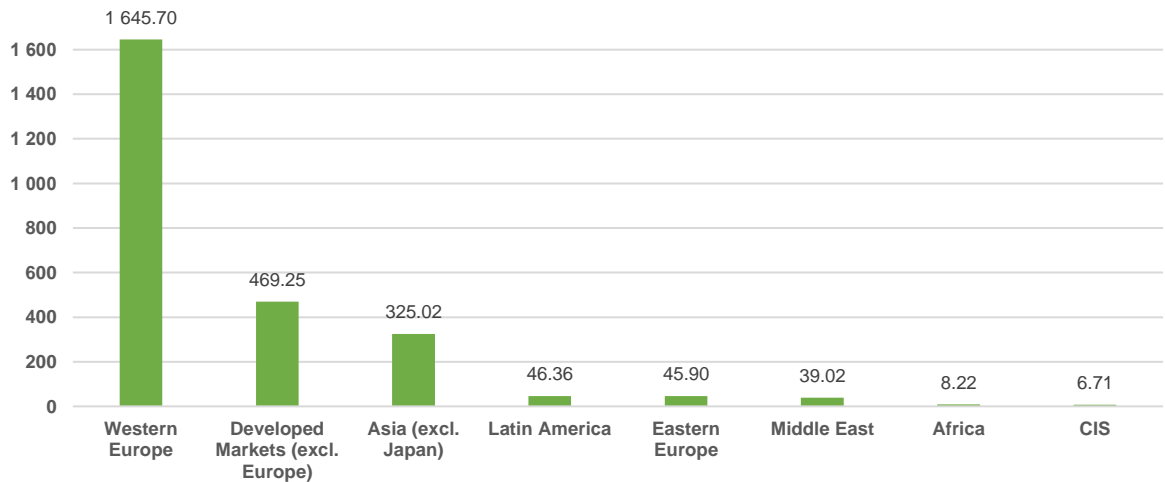


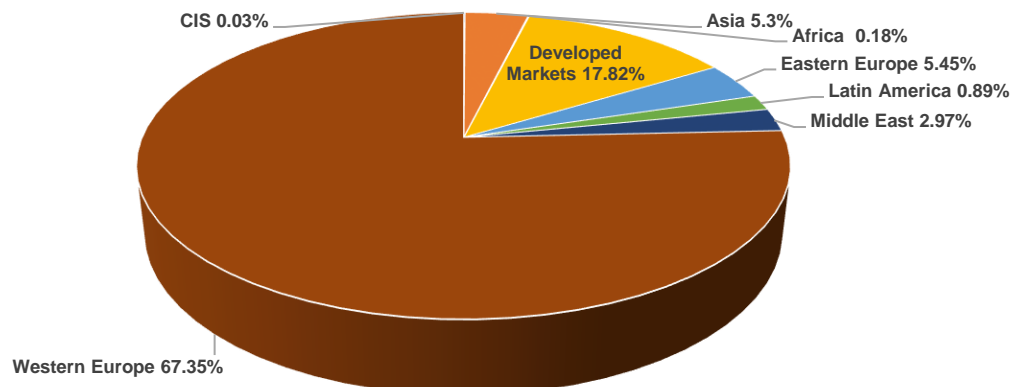
Highlights

- In the second quarter of 2024, there are **257 new issues** of green bonds totaling **USD 142.86 billion**. Mostly new placements are in Western Europe and Developed markets, excl. Europe (over 85%)
- In the end of June 2024 there are **international and domestic green bonds outstanding for a total amount of USD 2 586.18 billion**.
- In most regions of the world the volume of green bonds traded in foreign markets is higher than the amount of bonds traded in the domestic markets. However, in some regions, such as **Asia, Western Europe and CIS**, domestic green bonds volumes are higher
- BNP Paribas, HSBC, JP Morgan, Citigroup, BofA Securities are most popular among the bookrunners of ESG bonds issues in January-June 2024. Their market share is about 30%.

Volume of green bonds outstanding, USD billion (at the end of June 2024)



New green bonds issues, April-June 2024 (region breakdown)

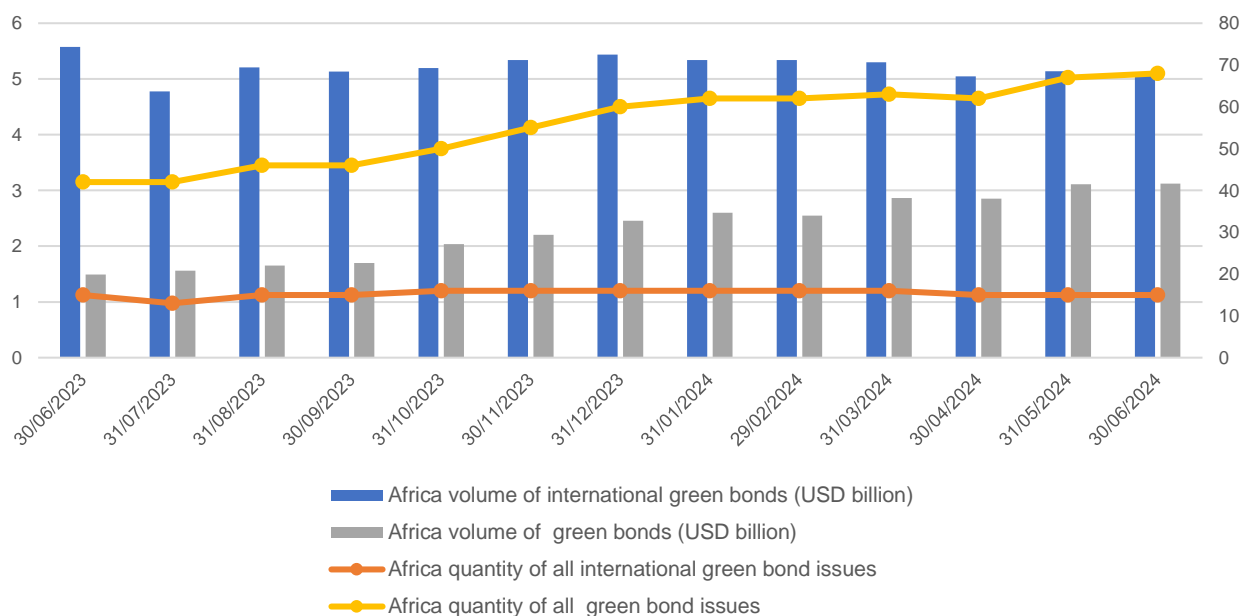


AFRICA
New placements¹
Green Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
FirstRand Bank (South Africa), FRN 16may2029, ZAR	South Africa	Banks	1 713 ZAR	16.05.2024
FirstRand Bank (South Africa), FRN 16may2031, ZAR	South Africa	Banks	1 146 ZAR	16.05.2024
FirstRand Bank (South Africa), FRN 16may2027, ZAR	South Africa	Banks	500 ZAR	16.05.2024
Growthpoint Properties, FRN 14jun2029, ZAR	South Africa	Real Estate Investment and Services	500 ZAR	14.06.2024
Redefine Properties, FRN 16may2029, ZAR	South Africa	Real Estate Investment and Services	500 ZAR	16.05.2024

Social Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Letshego Holdings (Namibia), FRN 17may2027, NAD	Namibia	Other Sectors	260 NAD	17.05.2024

Green bonds statistics


¹ New placements include TOP-5 placements of issues ranked by volume in USD equivalent. New placements do not include additional placements

AFRICA
Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	BNP Paribas	770.83	2	3	17.55
2	JP Morgan	660.97	3	3	15.04
3	BofA Securities	587.5	1	2	13.37
4 - 5	Credit Agricole CIB	400	1	1	9.1
4 - 5	Nomura International	400	1	1	9.1

Latest ESG Rating Actions

Organization	Industry	ESG Rating	Rating date
Nictus	Miscellaneous Wholesale and Retail Trade	1 (Poor)	28.06.2024
Allied Electronics Corporation	IT Services and Computer Programming	3 (Good)	28.06.2024
PBT Group	IT Services and Computer Programming	1 (Poor)	28.06.2024
Huge Group	Communication Services	1 (Poor)	28.06.2024
Momentum Metropolitan Holdings	Insurance and Reinsurance	3 (Good)	28.06.2024

Rating data provided by Risk Insights

ASIA (EXCL. JAPAN)
New placements
Green Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
CK Hutchison Holdings Limited, 5.375% 26apr2029, USD	Hong Kong	Holding Companies	1 000 USD	23.04.2024
ICBC, FRN 23may2027, USD (MTN70)	China	Banks	1 000 USD	16.05.2024
Bocom Leasing Management Hong Kong, FRN 26jun2027, USD	Hong Kong	Leasing and Rental	650 USD	20.06.2024
Continuum Green Energy (India), 7.5% 26jun2033, USD	India	Power	650 USD	18.06.2024
Energy Development Corp, 6.8873% 27may2029, PHP (D)	Philippines	Power	35 000 PHP	27.05.2024

Social Bonds

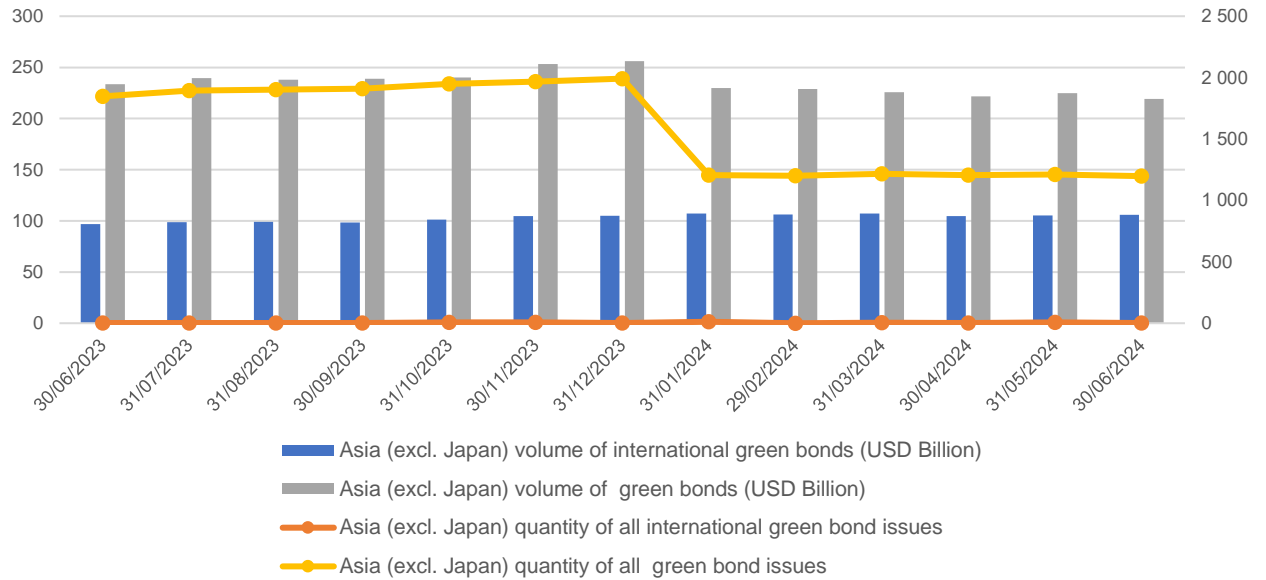
Issue	Country	Industry	Placement amount, mn	End of placement
LINGANG OASIS INC, 3.15% 25jun2027, CNY	Hong Kong	Other Financial Institutions	800 CNY	25.06.2024
Sunway Treasury Sukuk, 4% 27apr2029, MYR	Malaysia	Other Financial Institutions	200 MYR	29.04.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Philippines, 5.6% 14may2049, USD	Philippines		1 000 USD	07.05.2024
Bank of China (Hungarian Branch), FRN 26jun2027, USD	China	Banks	500 USD	18.06.2024
Wuhan Urban Construction Group, 5.7% 24jun2027, USD	China	Domestic and Commercial Construction	500 USD	13.06.2024
Zhongyuan Yuzi Investment Holdings Group, 5.9% 20jun2027, USD	China	Domestic and Commercial Construction	500 USD	13.06.2024
Bank of China Limited, Panama Branch, FRN 26jun2026, USD (152)	China	Banks	300 USD	18.06.2024

Sustainability Linked Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Fujian Jinjiang Xinjiayuan Holdings Co, 3.8% 18jun2027, CNY	China	Holding Companies	1 950 CNY	18.06.2024
Quanzhou Urban Construction Group, 3.4% 30may2027, CNY	China	Domestic and Commercial Construction	1 500 CNY	30.05.2024
Asian Infrastructure Investment Bank (AIIB), 2.96% 27jun2034, CNY	China	Banks	1 000 CNY	27.06.2024
Bank of China (Macau Branch), 2.82% 26jun2027, CNY	China	Banks	1 000 CNY	26.06.2024
E.Sun Commercial Bank, 1.5% 10apr2029, TWD (13-1)	Taiwan	Banks	1 600 TWD	10.04.2024

ASIA (EXCL. JAPAN)
Green bonds statistics

Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	HSBC	1 857.53	13	15	9.28
2	Citigroup	1 639.33	7	10	8.19
3	Morgan Stanley	1 073.80	3	3	5.37
4	BofA Securities	1 016.71	4	5	5.08
5	Barclays	996.21	7	7	4.98

CIS
New placements
Green Bonds

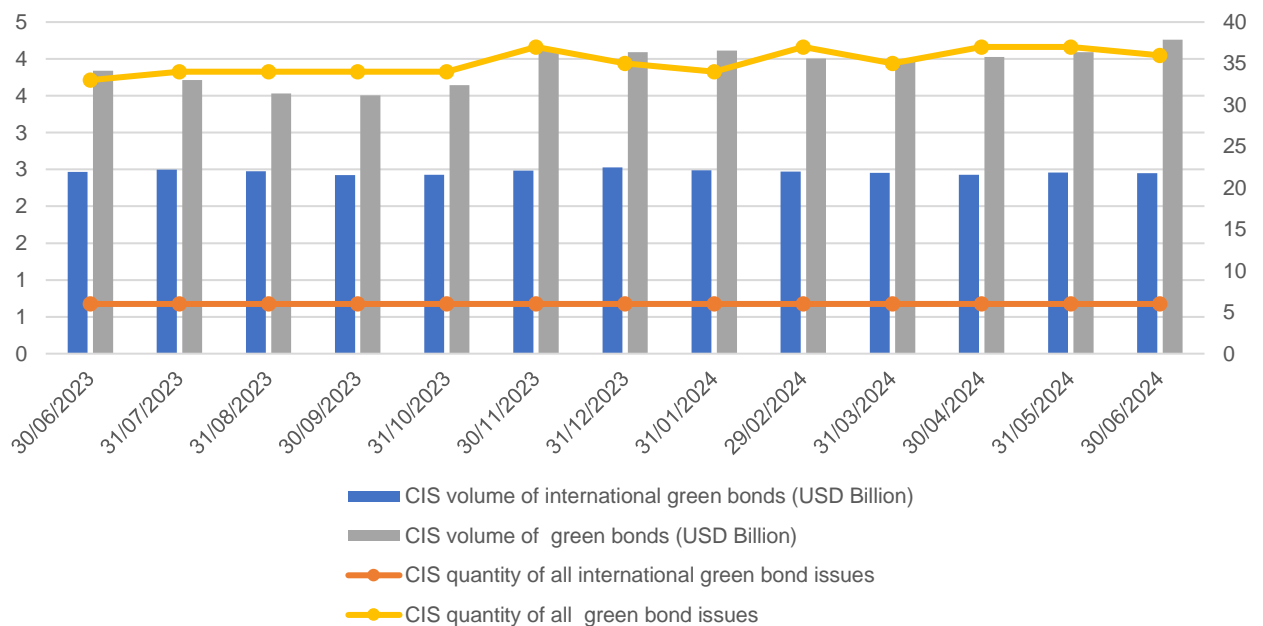
Issue	Country	Industry	Placement amount mn	End of placement
Evrotrans, 002R-01	Russia	Specialty Retailers	2 000 RUB	18.04.2024
Evrotrans, 002R-02	Russia	Specialty Retailers	800 RUB	19.06.2024
A-Leasing, 6% 4jun2026, USD (Token, ICO #576)	Belarus	Leasing and Rental	4 USD	29.05.2024

Social Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Industrial Development Fund, 13.5% 20may2027, KZT	Kazakhstan	Government Agencies	6 800 KZT	20.05.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Uzbekistan, 5.375% 29may2027, EUR	Uzbekistan		600 EUR	21.05.2024
Uzbekistan, 6.9% 28feb2032, USD	Uzbekistan		600 USD	21.05.2024
Uzbekistan, 16.625% 29may2027, UZS	Uzbekistan		3 000 000 UZS	21.05.2024
Development Bank of Kazakhstan, 13% 15apr2027, KZT	Kazakhstan	Banks	100 000 KZT	04.04.2024

Green bonds statistics


CIS
Bookrunners of International ESG Bonds, Jan-June 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1 - 3	Citigroup	416.67	2	4	24.35
1 - 3	JP Morgan	416.67	2	4	24.35
1 - 3	Societe Generale	416.67	2	4	24.35
4	Standard Chartered Bank	371.92	1	3	21.73
5 - 6	Halyk Finance	44.75	1	1	2.61
5 - 6	Mashreqbank	44.75	1	1	2.61

ESG Rating Actions, April-June 2024

Rating agency	Issuer	Country	New rating	Rating date
BIK Ratings	ASB Leasing	Belarus	A.esg	28.06.2024
BIK Ratings	Bank BelVEB	Belarus	A.esg	25.06.2024
Expert RA	Bank DOM.RF	Russia	ESG-II(a)	24.06.2024
NRA	Promsvyazbank	Russia	BBB.esg	11.06.2024
Expert RA	Samolet Group of Companies	Russia	ESG-II(b)	04.06.2024
BIK Ratings	Eurotime	Belarus	A.esg	30.05.2024
Expert RA	PIK-Specialized Developer	Russia	Withdrawn	28.05.2024
Expert RA	Strakhovaia Kompaniia AK Bars-Med	Russia	ESG-IV(a)	24.05.2024
NRA	Yamalo-Nenetsky region	Russia	AA.esg	21.05.2024
NRA	Marsh - Strakhovye Brokery	Russia	A.esg	23.04.2024
ACRA	Center-Invest Bank	Russia	ESG-2	12.04.2024
BIK Ratings	GREENroznica	Belarus	A.esg	09.04.2024
Expert RA	RUSGIDRO	Russia	ESG-II(b)	01.04.2024

DEVELOPED MARKETS (EXCL. EUROPE)
Green Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Australia, TB 4.25% 21jun2034, AUD (TB170)	Australia		7 000 AUD	04.06.2024
Japan, JGB 1% 20mar2034, JPY	Japan		349 600 JPY	28.05.2024
Province of Ontario, 4.1% 4mar2033, CAD	Canada		2 750 CAD	17.06.2024
Singapore, SGB 3.25% 1jun2054, SGD	Singapore		2 500 SGD	27.05.2024
Bank of Nova Scotia, 3.5% 17apr2029, EUR	Canada	Banks	1 000 EUR	10.04.2024

Social Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Equitable Bank, 3.5% 28may2027, EUR	Canada	Banks	500 EUR	16.04.2024
Korea Credit Guarantee Fund, 5.357% 29may2027, USD	Republic of Korea	Government Agencies	300 USD	21.05.2024
Maryland Community Development Administration, 6.041% 1sep2049, USD (2024)	USA		48.715 USD	23.04.2024
Illinois Housing Development Authority, 6.25% 1oct2054, USD (2024)	USA		41.405 USD	01.05.2024
Illinois Housing Development Authority, 6.051% 1oct2044, USD (2024)	USA		40.190 USD	01.05.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Australia, TB 4.25% 21jun2034, AUD (TB170)	Australia		7 000 AUD	04.06.2024
International Development Association (IDA), 4.375% 11jun2029, USD	USA	Other Financial Institutions	4 000 USD	04.06.2024
IBRD, 4.5% 10apr2031, USD	USA	Banks	3 000 USD	03.04.2024
IBRD, 4.75% 10apr2026, USD	USA	Banks	3 000 USD	03.04.2024
IBRD, FRN 23feb2027, USD (101931)	USA	Banks	1 500 USD	02.05.2024

DEVELOPED MARKETS (EXCL. EUROPE)

Green bonds statistics



Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	BNP Paribas	14 555.94	71	89	7.76
2	Barclays	10 502.56	44	63	5.6
3	JP Morgan	9 745.58	53	71	5.2
4	HSBC	9 447.72	38	58	5.04
5	BofA Securities	9 274.18	46	61	4.95

EASTERN EUROPE
Green Bonds

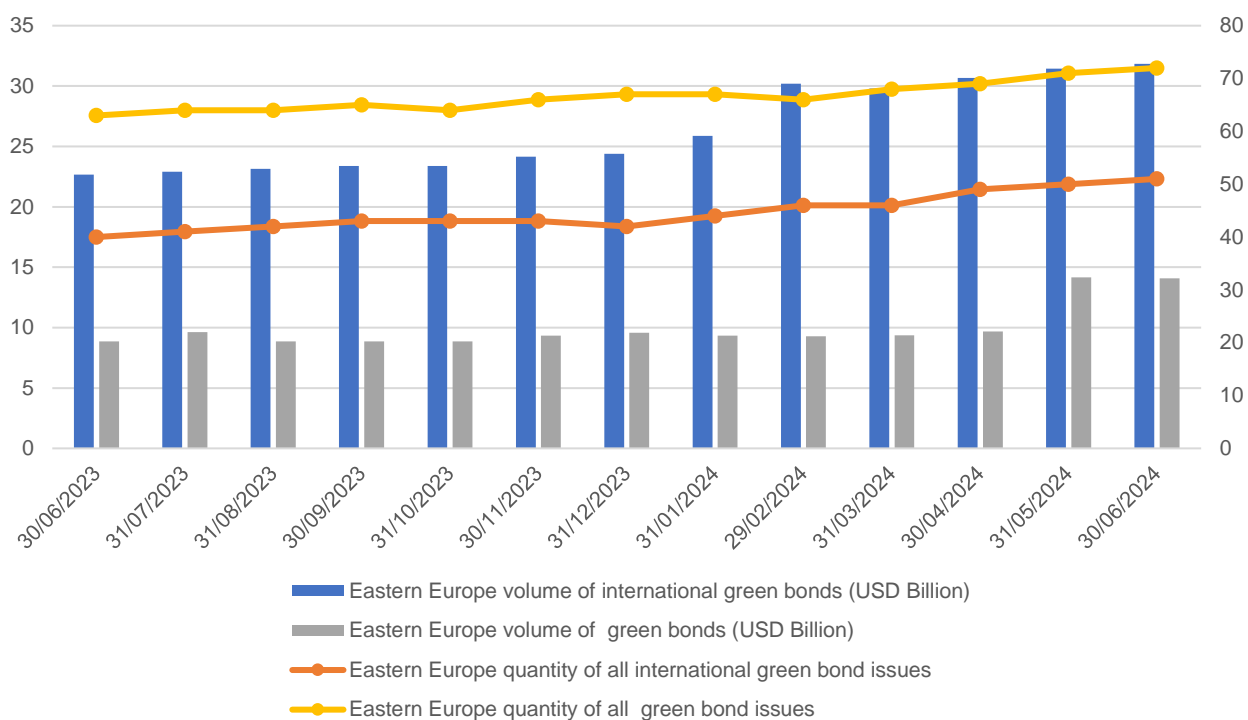
Issue	Country	Industry	Placement amount, mn	End of placement
Liven AS, 10.5% 23may2028, EUR	Estonia	Domestic and Commercial Construction Real Estate	4 000 EUR	23.05.2024
CTP N.V., 4.75% 5feb2030, EUR	Czech Republic	Investment and Services	824.78 EUR	28.05.2024
OTP Bank (Hun), 4.75% 12jun2028, EUR	Hungary	Banks	700 EUR	04.06.2024
CPI Property Group, 7% 7may2029, EUR (22)	Czech Republic	Real Estate Investment and Services	500 EUR	30.04.2024
EPH Financing International, 5.875% 30nov2029, EUR	Czech Republic	Financial Markets	500 EUR	23.05.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Serbia, 6% 12jun2034, USD	Serbia		1 500 USD	05.06.2024
Raiffeisenbank CZ, 4.959% 5jun2030, EUR	Czech Republic	Banks	500 EUR	29.05.2024

Sustainability Linked Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
CEZ, 4.25% 11jun2032, EUR	Czech Republic	Power	750 EUR	04.06.2024

EASTERN EUROPE
Green bonds statistics

Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	BNP Paribas	1 240.22	6	6	9.89
2	Erste Group	1 216.66	4	5	9.71
3	HSBC	1 132.88	3	4	9.04
4	BofA Securities	1 060.33	2	3	8.46
5 - 6	Citigroup	1 059.07	2	3	8.45
5 - 6	JP Morgan	1 059.03	3	4	8.45

LATIN AMERICA
Green Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
AES Andes, 8.15% 10jun2055, USD	Chile	Power	530 USD	05.06.2024
Engie Energia Chile, 6.375% 17apr2034, USD	Chile	Power	500 USD	10.04.2024
Cordoba (province), Bonos 4.45% 24may2027, ARS (2)	Argentina		120 000 ARS	24.05.2024
Genneia, 2% 27jun2026, USD (XLVI)	Argentina	Power	60 USD	27.06.2024
Coopeguanacaste, 9.2% 25jun2039, CRC (CGTBV0639)	Costa Rica	Power	6 700 CRC	25.06.2024

Social Bonds

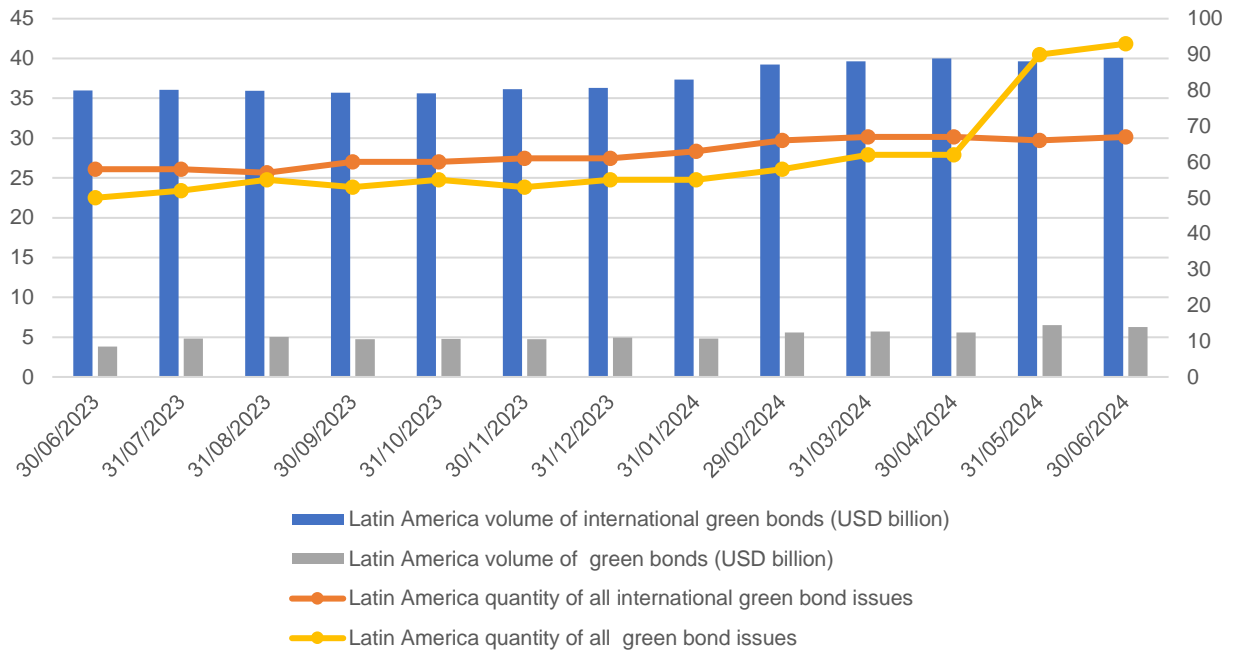
Issue	Country	Industry	Placement amount, mn	End of placement
Chile, BTP 6.2% 1oct2040, CLP	Chile		1 604 000 CLP	01.04.2024
Central American Bank for Economic Integration, FRN 5jan2028, MXN	Honduras	Banks	3 400 MXN	27.05.2024
Central American Bank for Economic Integration, 10.3% 17may2034, MXN	Honduras	Banks Other	1 600 MXN	27.05.2024
MICROSERFIN, FRN 11apr2029, USD (A)	Panama	Financial Institutions	5 USD	11.04.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Brazil, 6.125% 22jan2032, USD	Brazil		2 000 USD	20.06.2024
Aegea Saneamento e Participacoes, 9% 20jan2031, USD	Brazil	Water, Heat and Gas Supply Other	800 USD	17.06.2024
FONPLATA, 2.5925% 15nov2027, CHF	Bolivia	Financial Institutions	145 CHF	15.05.2024
Peru, Bonos 7.6% 12aug2039, PEN	Peru		7 PEN	18.06.2024

Sustainability Linked Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Aegea Saneamento e Participacoes, 9% 20jan2031, USD	Brazil	Water, Heat and Gas Supply Food and Beverage	800 USD	17.06.2024
AC Bebidas, 9.85% 29mar2032, MXN (24-2L)	Mexico	Production	6 400 MXN	08.04.2024
AC Bebidas, FRN 31may2027, MXN (24L)	Mexico	Food and Beverage Production	1 000 MXN	08.04.2024

LATIN AMERICA
Green bonds statistics

Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

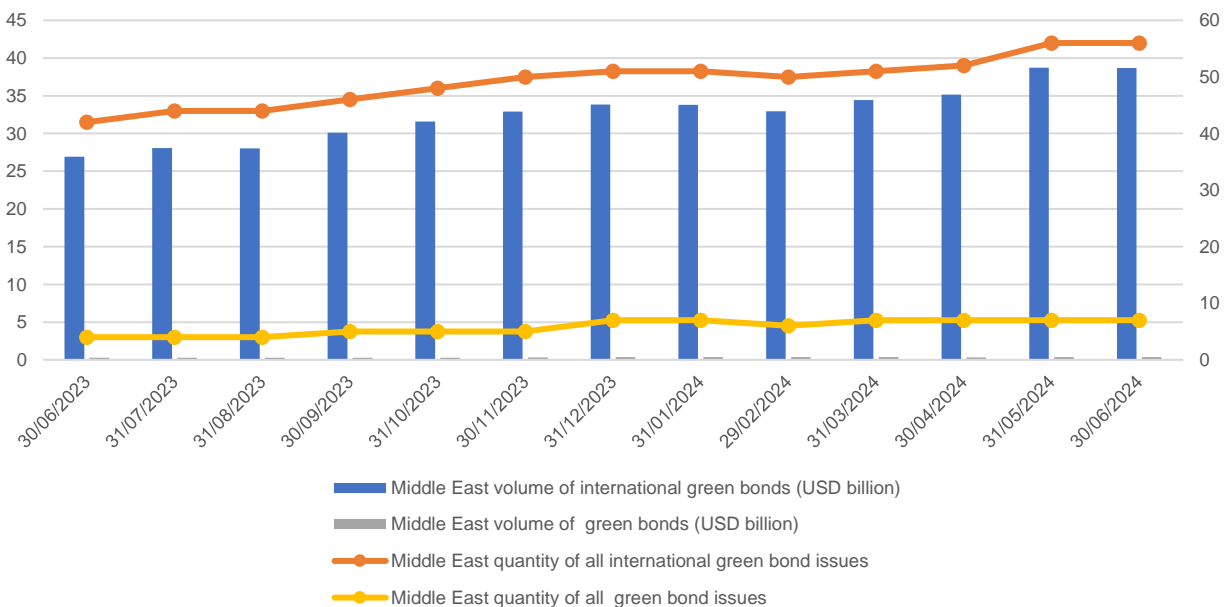
#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	HSBC	1 708.29	6	6	13.04
2	BofA Securities	1 561.31	6	7	11.92
3	JP Morgan	1 177.34	8	9	8.98
4	Citigroup	1 147.40	8	10	8.76
5	Banco Santander	972.02	9	10	7.42

MIDDLE EAST
Green Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Qatar, 4.75% 29may2034, USD	Qatar		1 500 USD	21.05.2024
Qatar, 4.625% 29may2029, USD	Qatar		1 000 USD	21.05.2024
Arab Petroleum Investments Corporation (APICORP), 5.428% 2may2029, USD	Saudi Arabia	Oil and Gas Extraction and Refining	750 USD	25.04.2024
Aldar Investment Properties, 5.5% 16may2034, USD	United Arab Emirates	Domestic and Commercial Construction	500 USD	08.05.2024
National Bank of Kuwait, 5.5% 6jun2030, USD	Kuwait	Banks	500 USD	30.05.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Al Rajhi Bank, 6.375% perp., USD	Saudi Arabia	Banks	1 000 USD	09.05.2024
Finance Department Government of Sharjah, 6.125% 6mar2036, USD	United Arab Emirates		1 000 USD	03.04.2024
Emirates Islamic Bank, 5.431% 28may2029, USD	United Arab Emirates	Banks	750 USD	21.05.2024
Akbank, 7.498% 20jan2030, USD	Turkey	Banks	500 USD	13.06.2024
QNB Finansbank, 7.25% 21may2029, USD	Turkey	Banks	500 USD	14.05.2024

Green bonds statistics

Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	Standard Chartered Bank	1 576.46	11	13	11.73
2	Citigroup	1 268.89	9	11	9.44
3	HSBC	1 241.94	10	11	9.24
4	Emirates NBD Bank	1 155.63	10	11	8.6
5	JP Morgan	1 033.01	8	10	7.69

WESTERN EUROPE
Green Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Italy, BTP Green 4.05% 30oct2037, EUR	Italy		9 000 EUR	14.05.2024
European Union, Bonds 2.875% 6dec2027, EUR	Belgium		6 362 EUR	23.04.2024
KfW, 2.875% 31mar2032, EUR	Germany	Banks	4 000 EUR	30.04.2024
Germany, Bobl 2.1% 12apr2029, EUR	Germany		3 000 EUR	30.04.2024
Nederlandse Waterschapsbank, 0% 16feb2037, EUR (5865D)	Netherlands	Banks	2 665 EUR	30.04.2024

Social Bonds

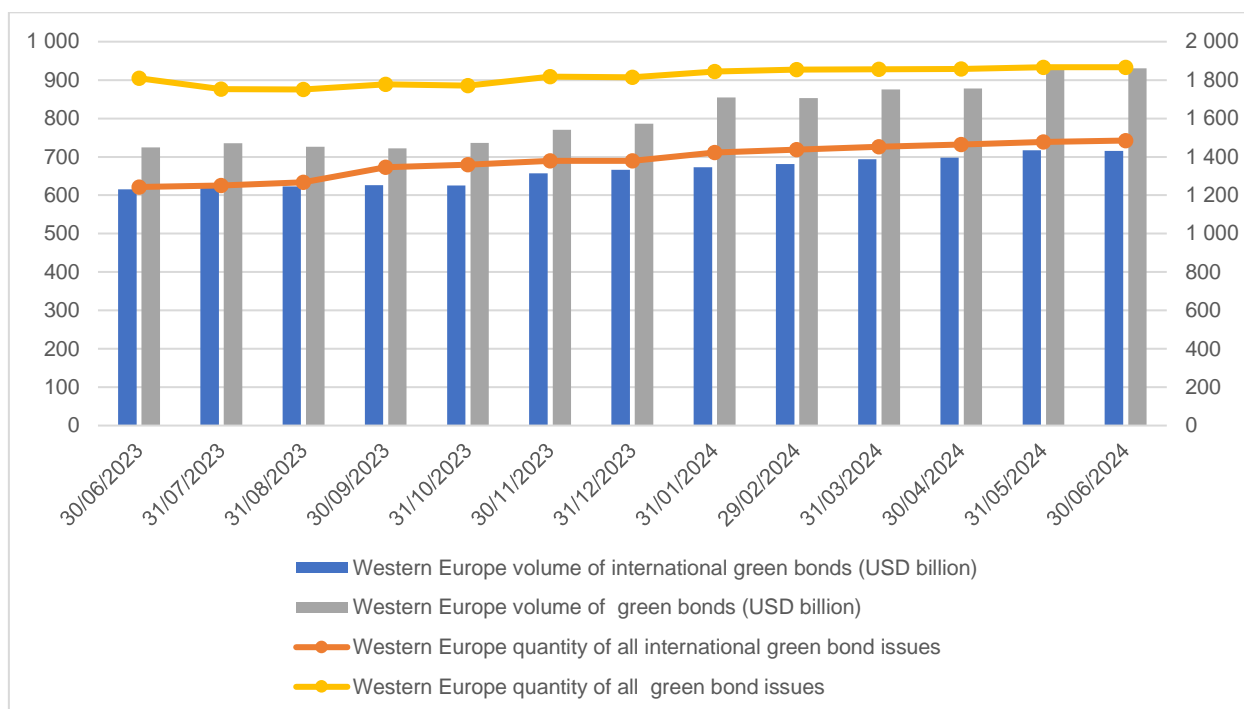
Issue	Country	Industry	Placement amount, mn	End of placement
Nederlandse Waterschapsbank, 0% 16feb2037, EUR (5865D)	Netherlands	Banks	2 665 EUR	30.04.2024
Bank Nederlandse Gemeenten, 3% 11jan2033, EUR	Netherlands	Banks	1 975 EUR	29.05.2024
Bank Nederlandse Gemeenten, 2.75% 11jan2034, EUR (1688)	Netherlands	Banks	1 290 EUR	06.06.2024
Council of Europe Development Bank, 0% 9apr2027, EUR (2556D)	France	Banks	1 250 EUR	18.04.2024
Council of Europe, 2.75% 16apr2031, EUR	France	Other Sectors	1 250 EUR	09.04.2024

Sustainability Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Agence Francaise de Developpement, 2.875% 21jan2030, EUR	France	Banks	1 600 EUR	28.06.2024
Agence Francaise de Developpement, 4% 21sep2027, USD (153)	France	Banks	1 400 USD	26.06.2024
Bank Nederlandse Gemeenten, 2.875% 11jun2031, EUR	Netherlands	Banks	1 000 EUR	04.06.2024
Caisse des depots et consignations, 3% 25may2029, EUR	France	Banks	1 000 EUR	03.05.2024
Southern Water Services, 7.375% 12dec2041, GBP	United Kingdom	Water, Heat and Gas Supply	600 GBP	21.05.2024

Sustainability Linked Bonds

Issue	Country	Industry	Placement amount, mn	End of placement
Pirelli & C., 3.875% 2jul2029, EUR	Italy	Motor Vehicle Production	600 EUR	25.06.2024
Ceconomy, 6.25% 15jul2029, EUR	Germany	Specialty Retailers	500 EUR	26.06.2024
Pandora, 3.875% 31may2030, EUR	Denmark	Other Sectors	500 EUR	23.05.2024
TDC Holding A/S, 5.186% 2aug2029, EUR	Denmark	Communication Services	500 EUR	24.04.2024
PostNL, 4.75% 12jun2031, EUR	Netherlands	Courier and Delivery services	300 EUR	05.06.2024

WESTERN EUROPE
Green bonds statistics

Bookrunners of International ESG Bonds, Jan-Jun 2024 (TOP-5)

#	Investment Bank	Amount, mln USD	Number of issuers	Number of issues	Share, %
1	BNP Paribas	9 426.1	55	67	7.62
2	Barclays	7 701.42	35	52	6.23
3	RBS	6 581.17	24	32	5.32
4	ING Bank	5 673.83	35	45	4.59
5	HSBC	5 466.4	24	32	4.42