

List of sub-custodians and CSDs

SECURITIES SERVICES



BNP PARIBAS

The bank for a changing world

Affiliated Sub-Custodians

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
AUSTRALIA	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY	Branch	<ul style="list-style-type: none"> • Australian Securities Exchange (ASX) • Austraclear
AUSTRIA	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT (remote)	Branch	<ul style="list-style-type: none"> • OeKB CSD GmbH
BELGIUM	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote) / BRUXELLES	Branch	<ul style="list-style-type: none"> • Euroclear Belgium (EOC BE) • National Bank of Belgium (NBB)*
BRAZIL	BANCO BNP PARIBAS BRASIL SA	SAO PAULO	Wholly owned subsidiary of BNP Paribas SA	<ul style="list-style-type: none"> • BM&F Bovespa • Center for the Custody and Financial Settlement of Securities (CETIP) • Sistema Especial de Liquidação e de Custódia (SELIC)
CHILI	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> • Depósito Central de Valores S.A. (DCV)

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
CHINA	BNP PARIBAS CHINA LTD <i>limited to the Fixed Income Product traded on the China Interbank bond Market</i>	SHANGHAI	Subsidiary of BNP Paribas SA	<ul style="list-style-type: none"> China Securities Depository and Clearing Corp Ltd <u>Shanghai</u> (CSDCC) China Securities Depository and Clearing Corp Ltd <u>Shenzhen</u> Branch (CSDCC) China Central Depository & Clearing Co Ltd (CCDC) Shanghai Clearing House (SCH)
	BNP PARIBAS SECURITIES SERVICES S.C.A	HONG KONG	Branch	<ul style="list-style-type: none"> Central Moneymarkets Unit (CMU) (Government Bonds)
COLOMBIA	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> Deposito Centralizado De Valores (Deceval) Banco de la Republica of Colombia (DCV)
CYPRUS	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS (remote)	Branch	<ul style="list-style-type: none"> Central Depository and Central Registry of Securities (CDRS)
FRANCE	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS	Branch	<ul style="list-style-type: none"> Euroclear France ID2S S.A
GERMANY	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT	Branch	<ul style="list-style-type: none"> Clearstream Banking S.A
GREECE	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS	Branch	<ul style="list-style-type: none"> HELEX Bank of Greece System (BoGS)

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HONG KONG, SAR China	BNP PARIBAS SECURITIES SERVICES S.C.A	HONG KONG	Branch	<ul style="list-style-type: none"> Hong Kong Securities Clearing Company (HKSCC) Central Money markets Unit (CMU)
HUNGARY	BNP PARIBAS SECURITIES SERVICES S.C.A.	BUDAPEST	Branch	<ul style="list-style-type: none"> Keler
INDIA	BNP PARIBAS	MUMBAI	Branch of BNP Paribas SA	<ul style="list-style-type: none"> National Securities Depository Ltd (NSDL) The Reserve Bank of India (RBI) Central Depository Services (India) Limited (CDSL)
IRELAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON (remote)	Branch	<ul style="list-style-type: none"> Euroclear UK and Ireland
ITALY	BNP PARIBAS SECURITIES SERVICES S.C.A.	MILAN	Branch	<ul style="list-style-type: none"> Monte Titoli
NETHERLANDS	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote)	Branch	<ul style="list-style-type: none"> Euroclear Netherlands (Necigef)
NEW ZEALAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY (remote)	Branch	<ul style="list-style-type: none"> New Zealand Central Securities Depository (NZDCSD) New Zealand Clearing and Depository Corporation (NZCDC)
PERU	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA (Remote)	Wholly owned subsidiary of BNP Paribas Securities	<ul style="list-style-type: none"> Caja de Valores y Liquidaciones (CAVALI ICLV S.A.)

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
			Services SCA	
POLAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	WARSAW	Branch	<ul style="list-style-type: none"> The Krajowy Depozyt Papierow Wartosciowych (KDPW) NBP (for solely T-bills)
PORTUGAL	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote) / LISBOA	Branch	<ul style="list-style-type: none"> Interbolsa
SINGAPORE	BNP PARIBAS SECURITIES SERVICES S.C.A. <i>(All instruments except Gov. bonds)</i>	SINGAPORE	Branch	<ul style="list-style-type: none"> Central Depository Pte (CDP) The Monetary Authority of Singapore
SPAIN	BNP PARIBAS SECURITIES SERVICES S.C.A.	MADRID	Branch	<ul style="list-style-type: none"> Ibearclear
SWITZERLAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	ZURICH	Branch	<ul style="list-style-type: none"> SIX SIS
TURKEY	TURK EKONOMI BANKASI A.S	ISTANBUL	Partially owned subsidiary of BNP Paribas SA	<ul style="list-style-type: none"> Merkezi Kayit Kurulusu A.S. Central Bank of the Republic of Turkey
UNITED KINGDOM	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON	Branch	<ul style="list-style-type: none"> Euroclear UK and Ireland
USA	BNP PARIBAS NEW YORK BRANCH	NEW YORK	Branch of BNP Paribas SA	<ul style="list-style-type: none"> The Depository Trust Company (DTC)

International Central Securities Depositories

Name of ICSD
CLEARSTREAM BANKING SA
EUROCLEAR BANK SA.

Non-affiliated sub custodians

Country	Non-affiliated sub-custodian	Location
ARGENTINA	CITIBANK N.A, BUENOS AIRES BRANCH	BUENOS AIRES
BAHRAIN	HSBC BANK MIDDLE EAST LTD	BAHRAIN
BANGLADESH	HONG KONG AND SHANGHAI BANKING CORP LIMITED	DHAKA

Country	Non-affiliated sub-custodian	Location
BENIN	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
BERMUDA	HSBC BANK OF BERMUDA	HAMILTON
BOTSWANA	STANDARD CHARTERED BANK BOTSWANA LTD	GABORONE
BULGARIA	UNICREDIT BULBANK A.D.	SOFIA
BURKINA FASO	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
CANADA	ROYAL BANK OF CANADA (INVESTOR & TREASURY SERVICES)	TORONTO
	CIBC MELLON GLOBAL SECURITIES SERVICES COMPANY	TORONTO
CHINA	HSBC BANK (CHINA) COMPANY LIMITED	SHANGHAI
COSTA RICA	BANCO NACIONAL DE COSTA RICA	SAN JOSÉ

Country	Non-affiliated sub-custodian	Location
CROATIA	UNICREDIT BANK AUSTRIA AG VIENNA	VIENNA (HUB)
CZECH REPUBLIC	RAIFFEISEN BANK INTERNATIONAL AG	VIENNA (HUB)
DENMARK	<i>SKANDINAVISKA ENSKILDA BANKEN AB (publ)'s in Denmark</i>	COPENHAGEN
EGYPT	HSBC BANK EGYPT SAE	CAIRO
ESTONIA	AS SEB PANK	TALLINN
FINLAND	<i>SKANDINAVISKA ENSKILDA BANKEN AB (publ)'s in Finland</i>	HELSINKI
FRANCE	ALLFUNDS BANK S.A.U <i>Sub-custodian for funds units only (Securities settled with AFB France)</i>	PARIS
GHANA	STANDARD CHARTERED BANK GHANA LTD	ACCRA
GUINEA - BISSAU	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN

Country	Non-affiliated sub-custodian	Location
ICELAND	ISLANDSBANKI	REYKJAVIK
INDONESIA	HONG KONG AND SHANGHAI BANKING CORP LIMITED, JAKARTA	JAKARTA
IRELAND	EUROCLEAR BANK SA	BRUSSELS
ISRAEL	CITIBANK N.A. ISRAEL	TEL AVIV
IVORY COAST	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
JAPAN	HONG KONG AND SHANGHAI BANKING CORP LIMITED, TOKYO	TOKYO
KAZAKHSTAN	JSC CITIBANK KAZAKHSTAN	ALMATY
KENYA	STANDARD CHARTERED BANK PLC	NAIROBI
KOREA, REPUBLIC OF	HONG KONG AND SHANGHAI BANKING CORP LIMITED, SEOUL	SEOUL

Country	Non-affiliated sub-custodian	Location
KUWAIT	HSBC BANK MIDDLE EAST LTD	KUWAIT CITY
LATVIA	AS SEB BANKA	RIGA
LITHUANIA	AB SEB BANKAS	VILNIUS
MALAYSIA	HSBC BANK MALAYSIA BERHAD, KUALA LUMPUR	KUALA LUMPUR
MALI	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
MALTA	CLEARSTREAM BANKING SA	LUXEMBOURG
MAURITIUS	HONG KONG AND SHANGHAI BANKING CORP LIMITED, PORT- LOUIS	PORT-LOUIS
MEXICO	BANCO NACIONAL DE MEXICO (CITIBANAMEX)	MEXICO CITY
MOROCCO	BANQUE MAROCAINE POUR LE COMMERCE ET L'INDUSTRIE	CASABLANCA

Country	Non-affiliated sub-custodian	Location
NIGER	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
NIGERIA	STANBIC IBTC BANK	LAGOS
NORWAY	<i>SKANDINAVISKA ENSKILDA BANKEN AB (publ)'s branch in Norway</i>	OSLO
OMAN	HSBC BANK OMAN SAOG	MUSCAT
PAKISTAN	CITIBANK N.A. KARACHI	KARACHI
PHILIPPINES	HONG KONG AND SHANGHAI BANKING CORP LIMITED, MANILA	MANILA
	STANDARD CHARTERED BANK, PHILIPPINES BRANCH	MAKATI CITY
QATAR	HSBC BANK MIDDLE EAST LTD	DOHA
ROMANIA	CITIBANK EUROPE PLC BUCHAREST BRANCH	BUCHAREST

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RUSSIA	<i>PJSC ROSBANK</i>	MOSCOW
SAUDI ARABIA	HSBC SAUDI ARABIA	RIYADH
SENEGAL	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
SERBIA	UNICREDIT BANK AUSTRIA AG VIENNA	VIENNA (HUB)
SINGAPORE	STANDARD CHARTERED BANK, (Singapore) Limited <i>(Government Bonds only)</i>	SINGAPORE
SLOVAK REPUBLIC	RAIFFEISEN BANK INTERNATIONAL AG <i>VIENNA</i>	BRATISLAVA
SLOVENIA	UNICREDIT BANKA SLOVENIJA D.D. LJUBLJANA	LJUBLJANA
SOUTH AFRICA	STANDARD BANK OF SOUTH AFRICA LIMITED	JOHANNESBURG
SRI LANKA	HONG KONG AND SHANGHAI BANKING CORP LIMITED, COLOMBO	COLOMBO

Country	Non-affiliated sub-custodian	Location
SWEDEN	SKANDINAVISKA ENSKILDA BANKEN AB (publ)	STOCKHOLM
TAIWAN, ROC	HSBC BANK (TAIWAN) LIMITED	TAIPEI
TANZANIA	STANBIC BANK TANZANIA LIMITED	DAR ES SALAAM
THAILAND	HONG KONG AND SHANGHAI BANKING CORP LIMITED, BANGKOK	BANGKOK
TOGO	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
TUNISIA	UNION INTERNATIONALE DES BANQUES (SGSS)	TUNIS
UGANDA	STANDARD CHARTERED BANK UGANDA LIMITED	KAMPALA
UAE (Dubai)	HSBC BANK MIDDLE EAST LTD. ADX	DUBAI
UAE (Abu Dhabi)	HSBC BANK MIDDLE EAST LTD. NDL	DUBAI

Country	Non-affiliated sub-custodian	Location
URUGUAY	BANCO ITAU URUGUAY S.A.	MONTEVIDEO
VIETNAM	HSBC BANK (VIETNAM) LTD	HO CHI MINH CITY

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