

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

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
<b>CHINA</b>	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"> <li>China Securities Depository and Clearing Corp Ltd <u>Shanghai</u> (CSDCC)</li> <li>China Securities Depository and Clearing Corp Ltd <u>Shenzhen</u> Branch (CSDCC)</li> <li>China Central Depository &amp; Clearing Co Ltd (CCDC)</li> <li>Shanghai Clearing House (SCH)</li> </ul>
<b>COLOMBIA</b>	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> <li>Deposito Centralizado De Valores (Deceval)</li> <li>Banco de la Republica of Colombia (DCV)</li> </ul>
<b>CYPRUS</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS (remote)	Branch	<ul style="list-style-type: none"> <li>Central Depository and Central Registry of Securities (CDRS)</li> </ul>
<b>FRANCE</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS	Branch	<ul style="list-style-type: none"> <li>Euroclear France</li> <li>ID2S S.A</li> </ul>
<b>GERMANY</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT	Branch	<ul style="list-style-type: none"> <li>Clearstream Banking S.A</li> </ul>
<b>GREECE</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS	Branch	<ul style="list-style-type: none"> <li>HELEX</li> <li>Bank of Greece System (BoGS)</li> </ul>
<b>HONG KONG, SAR China</b>	BNP PARIBAS SECURITIES SERVICES S.C.A	HONG KONG	Branch	<ul style="list-style-type: none"> <li>Hong Kong Securities Clearing Company (HKSCC)</li> <li>Central Money markets Unit (CMU)</li> </ul>

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
<b>HUNGARY</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	BUDAPEST	Branch	<ul style="list-style-type: none"> <li>• Keler</li> </ul>
<b>INDIA</b>	BNP PARIBAS	MUMBAI	Branch of BNP Paribas SA	<ul style="list-style-type: none"> <li>• National Securities Depository Ltd (NSDL)</li> <li>• The Reserve Bank of India (RBI)</li> <li>• Central Depository Services (India) Limited (CDSL)</li> </ul>
<b>IRELAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON (remote)	Branch	<ul style="list-style-type: none"> <li>• Euroclear UK and Ireland</li> </ul>
<b>ITALY</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	MILAN	Branch	<ul style="list-style-type: none"> <li>• Monte Titoli</li> </ul>
<b>NETHERLANDS</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote)	Branch	<ul style="list-style-type: none"> <li>• Euroclear Netherlands (Necigef)</li> </ul>
<b>NEW ZEALAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY (remote)	Branch	<ul style="list-style-type: none"> <li>• New Zealand Central Securities Depository (NZDCSD)</li> <li>• New Zealand Clearing and Depository Corporation (NZCDC)</li> </ul>
<b>PERU</b>	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA (Remote)	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> <li>• Caja de Valores y Liquidaciones (CAVALI ICLV S.A.)</li> </ul>

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

## International Central Securities Depositories

Name of ICSD
CLEARSTREAM BANKING SA
EUROCLEAR BANK SA.

## Non-affiliated sub custodians

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

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

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



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

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

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

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

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

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

Disclaimer:

The information contained within this document ('Information') is believed to be reliable by BNP Paribas Securities Services. Whilst we have taken every care to ensure that the Information contained in this document is accurate, complete and kept up-to-date, BNP Paribas Securities Services cannot guarantee that this Information is accurate, complete and up to date. In order to obtain up to date accurate and complete Information for use in a prospectus, please contact your local relationship manager. BNP Paribas Securities Services and its subsidiaries declines any direct or indirect liability concerning the accuracy, errors, updated nature and availability of the Information contained in this document.

This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. For the avoidance of doubt, any Information contained within this document will not form an agreement between parties. Additional information is available on request.

BNP Paribas Securities Services is incorporated in France with Limited Liability and is authorised and supervised by the Autorité de Contrôle Prudentiel (ACP) and by the Autorité des Marchés Financiers (AMF). BNP Paribas Securities Services London branch is authorised by and subject to limited regulation by the Financial Services Authority for the conduct of its investment business in the United Kingdom; details on the extent of our regulation by the Financial Services Authority are available from us on request. BNP Paribas Securities Services London Branch is also a member of the London Stock Exchange. BNP Paribas Trust Corporation UK Limited and Investment Fund Services Limited are authorised and regulated by the Financial Services Authority.