

# Sub-custodians list

SECURITIES SERVICES  
DECEMBER 2019



**BNP PARIBAS**

The bank for a changing world

Changes of sub custodians since the last 12 months:

None

Upcoming changes:

None

## International Central Securities Depositories

	Country	Agent Name	Location	Affiliation	Fitch	Moody's	S&P	Effective date of the relationship
1	INTERNATIONAL CSD	CLEARSTREAM BANKING SA	LUXEMBOURG	N-affiliate	AA	NAV	AA	23/03/1976
2	INTERNATIONAL CSD	EUROCLEAR BANK SA	BRUSSELS	N-affiliate	AA+	NAV	AA	29/06/1976

## Custodians and Sub-Custodians

	Country	Agent Name	Location	Affiliation	Fitch	Moody's	S&P	Effective date of the relationship
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	Country	Agent Name	Location	Affiliation	Fitch	Moody's	S&P	Effective date of the relationship
3	ARGENTINA	CITIBANK N.A, BUENOS AIRES BRANCH	BUENOS AIRES	N-affiliate	AA-	Aa3	A+	09/06/2017
4	AUSTRALIA	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY	Affiliate	A+	Aa3	A+	30/04/2012
5	AUSTRIA	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT (remote)	Affiliate	A+	Aa3	A+	01/10/2003
6	BAHRAIN	HSBC BANK MIDDLE EAST LTD	BAHRAIN	N-affiliate	AA-	Aa3	AA-	01/12/2007
7	BANGLADESH	HONG KONG AND SHANGHAI BANKING CORP LIMITED	DHAKA	N-affiliate	AA-	Aa2	AA-	28/04/2004
8	BELGIUM	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote) / BRUSSELS	Affiliate	A+	Aa3	A+	01/01/1995
9	BENIN (WAEMU)	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
10	BERMUDA	HSBC BANK OF BERMUDA	BERMUDA	N-affiliate	NAV	NAV	A-	30/07/2007
11	BOTSWANA	STANDARD CHARTERED BANK BOTSWANA LTD	GABORONE	N-affiliate	NAV	NAV	NAV	22/10/2010

	Country	Agent Name	Location	Affiliation	Fitch	Moody's	S&P	Effective date of the relationship
12	BRAZIL	BANCO BNP PARIBAS BRASIL SA	SAO PAULO	Affiliate	A+	Aa3	A+	12/12/2011
13	BULGARIA	UNICREDIT BULBANK A.D.	SOFIA	N-affiliate	BBB-	NAV	Not Rated	20/01/2014
14	BURKINA FASO (WAEMU)	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
15	CANADA	RBC INVESTOR SERVICES TRUST	TORONTO	N-affiliate	NAV	NAV	AA-	18/12/2008
		CIBC MELLON GLOBAL SECURITIES SERVICES COMPANY	TORONTO	N-affiliate	NAV	NAV	NAV	14/06/2019
16	CHILE	BANCO DE CHILE (CITIBANK N.A)	SANTIAGO DE CHILE	N-affiliate	NAV	A1	A	05/04/2000
17	CHINA	BNP PARIBAS CHINA LTD <i>limited to the Fixed Income Product traded on the China Interbank bond Market</i>	SHANGHAI	N-affiliate	A+	Aa3	A+	01/01/2017
	CHINA	HSBC BANK (CHINA) COMPANY LIMITED	SHANGHAI SHENZHEN	N-affiliate	NAV	A1	A+	16/10/2001

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18	COLOMBIA	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA BOGOTA	BOGOTA	Affiliate	A+	Aa3	A+	10/09/2013
19	COSTA RICA	BANCO NACIONAL DE COSTA RICA	SAN JOSÉ	N-affiliate	B+	B1	NAV	31/08/2017
20	CROATIA	UNICREDIT BANK AUSTRIA AG VIENNA - <i>Indirect via Zagrebacka Banka d.d., Zagreb</i>	VIENNA (HUB)	N-affiliate	NAV	Baa1	BBB+	24/11/2003
21	CYPRUS	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS (remote)	Affiliate	A+	Aa3	A+	28/02/2003
22	CZECH REPUBLIC	RAIFFEISEN BANK INTERNATIONAL AG	VIENNA (remote)	N-affiliate	NAV	A3	BBB+	27/04/2018
23	DENMARK	<i>SKANDINAVISKA ENSKILDA BANKEN AB (publ)'s in Denmark</i>	COPENHAGEN	N-affiliate	AA-	Aa2	A+	08/10/2018
24	EGYPT	CITIBANK N.A. Egypt	CAIRO	N-affiliate	A+	NAV	A+	01/10/2009
25	ESTONIA	AS SEB PANK	TALLINN	N-affiliate	AA-	Aa2	A+	01/11/2010
26	FINLAND	NORDEA BANK ABP	HELSINKI	N-affiliate	AA-	Aa3	AA-	13/03/2007

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27	FRANCE	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS	Affiliate	A+	Aa3	A+	01/01/1995
28	GERMANY	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT	Affiliate	A+	Aa3	A+	01/01/1995
29	GHANA	STANDARD CHARTERED BANK GHANA LTD	ACCRA	N-affiliate	NAV	NAV	NAV	04/10/2010
30	GREECE	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS	Affiliate	A+	Aa3	A+	28/02/2003
31	GUINEA – BISSAU (WAEMU)	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
32	HONG KONG, SAR China	BNP PARIBAS SECURITIES SERVICES S.C.A	HONG KONG	Affiliate	A+	Aa3	A+	09/10/2009
33	HUNGARY	BNP PARIBAS SECURITIES SERVICES S.C.A.	BUDAPEST	Affiliate	A+	Aa3	A+	01/05/2008
34	ICELAND	ISLANDSBANKI	REIJKAVIK	N-affiliate	NAV	NAV	BBB+	12/01/2005
35	INDIA	BNP PARIBAS	MUMBAI	Affiliate	A+	Aa3	A+	19/04/2011

	Country	Agent Name	Location	Affiliation	Fitch	Moody's	S&P	Effective date of the relationship
		HONG KONG AND SHANGHAI BANKING CORP LIMITED	MUMBAI	N-affiliate	AA-	Aa3	AA-	14/10/2004
36	INDONESIA	PT BANK HSBC INDONESIA	JAKARTA	N-affiliate	AA-	Aa2	AA-	28/04/2004
37	IRELAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON (remote)	Affiliate	A+	Aa3	A+	10/10/2002
38	ISRAEL	CITIBANK N.A. ISRAEL	TEL AVIV	N-affiliate	A+	Aa3	A+	15/03/2011
		BANK LEUMI LE-ISRAEL B.M. (1)	TEL AVIV	N-affiliate	A	A2	A	14/06/2014
39	ITALY	BNP PARIBAS SECURITIES SERVICES S.C.A.	MILAN	Affiliate	A+	Aa3	A+	01/01/1995
40	IVORY COAST (WAEMU)	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
41	JAPAN	HONG KONG AND SHANGHAI BANKING CORP LIMITED, TOKYO	TOKYO	N-affiliate	AA-	Aa3	AA-	28/04/2004
42	KAZAKHSTAN	JSC CITIBANK KAZAKHSTAN	ALMATY	N-affiliate	A+	NAV	A+	23/10/2014

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43	<b>KENYA</b>	STANDARD CHARTERED BANK PLC	NAIROBI	N-affiliate	NAV	NAV	NAV	20/05/2005
44	<b>KOREA, REPUBLIC OF</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, SEOUL	SEOUL	N-affiliate	AA-	Aa2	AA-	16/10/2001
45	<b>KUWAIT</b>	HSBC BANK MIDDLE EAST LTD	KUWAIT CITY	N-affiliate	AA-	Aa3	AA-	02/01/2006
46	<b>LATVIA</b>	AS SEB BANKA	RIGA	N-affiliate	AA-	Aa2	A+	08/12/2010
47	<b>LITHUANIA</b>	AB SEB BANKAS	VILNIUS	N-affiliate	AA-	Aa2	A+	02/11/2011
48	<b>MALAYSIA</b>	HSBC BANK MALAYSIA BERHAD, KUALA LUMPUR	KUALA LUMPUR	N-affiliate	AA-	Aa2	AA-	28/04/2004
49	<b>MALI (WAEMU)</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
50	<b>MALTA</b>	CLEARSTREAM BANKING SA	LUXEMBOURG	N-affiliate	AA	NAV	AA	01/05/2013
51	<b>MAURITIUS</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, EBENE	PORT-LOUIS	N-affiliate	AA-	Aa2	AA-	16/10/2001



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52	MEXICO	BANCO NACIONAL DE MEXICO (CITIBANAMEX)	MEXICO CITY	N-affiliate	A-	A3	BBB+	05/09/2011
53	MOROCCO	BANQUE MAROCAINE POUR LE COMMERCE ET L'INDUSTRIE	CASABLANC A	N-affiliate	NAV	NAV	NAV	15/06/2000
54	NAMIBIA	STANDARD BANK OF NAMIBIA LIMITED	WINDHOEK	N-affiliate	NAV	NAV	NAV	01/12/2006
55	NETHERLANDS	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote)	Affiliate	A+	Aa3	A+	01/01/2001
56	NEW ZEALAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY (remote)	Affiliate	A+	Aa3	A+	08/10/2013
57	NIGER (WAEMU)	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
58	NIGERIA	STANBIC IBTC BANK	LAGOS	N-affiliate	NAV	NAV	B	09/09/2013
59	NORWAY	NORDEA BANK ABP, Filial i Norge	OSLO	N-affiliate	AA-	Aa3	AA-	13/03/2007
60	OMAN	HSBC BANK OMAN SAOG	MUSCAT	N-affiliate	BBB-	Ba2	NAV	01/08/2007

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61	PAKISTAN	CITIBANK N.A. KARACHI	KARACHI	N-affiliate	A+	NAV	A+	03/08/2009
62	PERU	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA BOGOTA	BOGOTA (Remote)	Affiliate	A+	Aa3	A+	09/09/2016
63	PHILIPPINES	HONG KONG AND SHANGHAI BANKING CORP LIMITED, MANILA	MANILA	N-affiliate	AA-	Aa2	AA-	16/10/2001
		STANDARD CHARTERED BANK, PHILIPPINES BRANCH	MAKATI CITY	N-affiliate	A+	A1	A	23/03/2018
64	POLAND	BNP PARIBAS SECURITIES SERVICES S.C.A.	WARSAW	Affiliate	A+	Aa3	A+	01/05/2008
65	PORTUGAL	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote) / LISBON	Affiliate	A+	Aa3	A+	01/01/2001
66	QATAR	HSBC BANK MIDDLE EAST LTD	DOHA	N-affiliate	AA-	Aa2	AA-	01/01/2006
67	ROMANIA	CITIBANK EUROPE PLC BUCHAREST BRANCH	BUCHAREST	N-affiliate	A+	Aa3	A+	26/02/2014
68	RUSSIA	PJSC ROSBANK	MOSCOW	N-affiliate	NAV	NAV	NAV	13/02/2018

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69	SAUDI ARABIA	HSBC SAUDI ARABIA	RIYADH	N-affiliate	A-	A1	Not Rated	01/01/2006
70	SENEGAL (WAEMU)	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
71	SERBIA	UNICREDIT BANK AUSTRIA AG VIENNA - Indirect via UniCredit Bank Srbija d.d., Belgrad	VIENNA (HUB)	N-affiliate	NAV	Baa1	BBB+	08/03/2006
72	SINGAPORE	BNP PARIBAS SECURITIES SERVICES S.C.A (All instruments except Gov. bonds)	SINGAPORE	Affiliate	A+	Aa3	A+	13/05/2009
		STANDARD CHARTERED BANK, (Singapore) Limited (Government Bonds only)		N-affiliate	NAV	NAV	NAV	29/08/2017
73	SLOVAK REPUBLIC	RAIFFEISEN BANK INTERNATIONAL AG	VIENNA (Remote)	N-affiliate	NAV	A3	BBB+	22/09/2017
74	SLOVENIA	UNICREDIT BANKA SLOVENIJA D.D. LJUBLJANA	LJUBLJANA	N-affiliate	NAV	NAV	NAV	03/06/2013
75	SOUTH AFRICA	STANDARD BANK OF SOUTH AFRICA LIMITED	JOHANNESB URG	N-affiliate	BB+	Ba3	NAV	24/03/2003
76	SPAIN	BNP PARIBAS SECURITIES SERVICES S.C.A.	MADRID	Affiliate	A+	Aa3	A+	21/04/1999

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77	<b>SRI LANKA</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, COLOMBO	COLOMBO	N-affiliate	NAV	NAV	NAV	16/10/2001
78	<b>SWEDEN</b>	SKANDINAVISKA ENSKILDA BANKEN AB (publ)	STOCKHOLM	N-affiliate	AA-	Aa2	A+	30/01/2012
		NORDEA BANK ABP, filial i Sverige	STOCKHOLM	N-affiliate	AA-	Aa3	AA-	13/03/2017
79	<b>SWITZERLAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	ZURICH	Affiliate	A+	Aa3	A+	31/05/2002
80	<b>TAIWAN, China</b>	HSBC BANK (TAIWAN) LIMITED	TAIPEI	N-affiliate	NAV	NAV	NAV	28/04/2004
81	<b>TANZANIA</b>	STANBIC BANK TANZANIA LIMITED	DAR ES SALAAM	N-affiliate	NAV	NAV	NAV	18/06/2015
82	<b>THAILAND</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, BANGKOK	BANGKOK	N-affiliate	NAV	NAV	NAV	28/04/2004
83	<b>TOGO (WAEMU)</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN	N-affiliate	NAV	NAV	NAV	15/07/2014
84	<b>TUNISIA</b>	UNION INTERNATIONALE DES BANQUES (SGSS)	TUNIS	N-affiliate	NAV	NAV	NAV	30/05/2014

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85	<b>TURKEY</b>	TURK EKONOMI BANKASI A.S	ISTANBUL	Affiliate	BB-	B3	NAV	12/03/2008
86	<b>UGANDA</b>	STANDARD CHARTERED BANK UGANDA LIMITED	KAMPALA	N-affiliate	NAV	NAV	NAV	14/05/2014
87	<b>UAE (Dubai)</b>	HSBC BANK MIDDLE EAST LTD. ADX	DUBAI	N-affiliate	AA-	Aa2	AA-	01/12/2007
88	<b>UAE (Abu Dhabi)</b>	HSBC BANK MIDDLE EAST LTD. NDL	DUBAI	N-affiliate	AA-	Aa2	AA-	01/12/2007
89	<b>UNITED KINGDOM</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON	Affiliate	A+	Aa3	A+	10/10/2002
90	<b>URUGUAY</b>	BANCO ITAU URUGUAY S.A.	MONTEVIDEO O	N-affiliate	NAV	Baa3	NAV	17/08/2005
91	<b>USA</b>	BNP PARIBAS NEW YORK BRANCH	NEW YORK	Affiliate	A+	Aa3	A+	05/11/2012
92	<b>VIETNAM</b>	HSBC BANK (VIETNAM) LTD	HO CHI MINH CITY	N-affiliate	AA-	Aa3	AA-	22/05/2007
93	<b>ZAMBIA</b>	STANDARD CHARTERED BANK PLC	LUSAKA	N-affiliate	NAV	NAV	NAV	04/10/2010

(1) Acts as a primary sub custodian for a limited number of clients

*Source: Network Relationship Management*

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