



List of Sub-Custodians - February 2018



HAUCK & AUFHÄUSER
PRIVATBANKIERS SEIT 1796

List of Sub-Custodians

The assets (equities / bonds) held for the account of the funds are mainly kept by:

- Clearstream Banking S.A., Luxembourg*
- Clearstream Banking AG, Frankfurt am Main*
- Citibank N.A., London

and domestic / foreign fund shares are mainly kept by :

- Clearstream Banking S.A., Luxembourg*
- Clearstream Banking AG, Frankfurt am Main*
- B. Metzler seel. Sohn & Co. KGaA, Frankfurt am Main
- Hauck & Aufhäuser Fund Platforms S.A., Luxembourg**
- Fondsdepot Bank GmbH, Hof
- Augsburger Aktienbank AG, Augsburg

Furthermore, the following special Sub-Custodian is used:

- Standard Chartered Bank, London

*Please find more details under the following link:

www.clearstream.com/clearstream-en/products-and-services/market-coverage/markets-covered

The respective provider is responsible for the content and correctness of the provided link. At the time of linking no infringements were recognizable.

**Sal. Oppenheim jr. & Cie. Luxembourg S.A. (new name: Hauck & Aufhäuser Fund Platforms S.A.) belongs to the Hauck & Aufhäuser Group since December 2017.



Clearstream Banking S.A. (Luxembourg)
Clearstream Banking AG (Frankfurt)

BICCODE: CEDELULLXXX
BICCODE: DAKVDEFFXXX

Country	2nd Sub-Custodian / 3rd Sub-Custodian	Central Securities Depository
Argentina	./.	Caja de Valores S.A., Buenos Aires (CVSA)
Australia	JPMorgan Chase Bank N.A., Sydney Branch (CHASAU2XDCC)	Austraclear Limited, Sydney The Depository Trust Company, New York (DTC)
Austria	./.	Österreichische Kontrollbank Central Securities Depository GmbH, Vienna (OeKB CSD)
Belgium	KBC Securities N.V., Brussels (KBSEBE22XXX)	Euroclear Belgium, Brussels (EBE) National Bank of Belgium, Brussels (NBB)
Canada	RBC Investor Services, Toronto (ROYCCAT2)	Canadian Depository for Securities Ltd., Toronto (CDS) The Depository Trust Company, New York (DTC)
China (B-shares)	HSBC Bank (China) Company Ltd. (HSBCCNSHXXX)	China Securities Depository and Clearing Corp. Ltd. (CSDC) China Central Depository and Clearing Corp. Ltd. (CCDC) Shanghai Clearing House
Czech Republic	UniCredit Bank Czech Republic and Slovakia, a.s., Prague (BACXCZPPXXX)	Central Securities Depository, Prague (CDCP) Czech National Bank, Prague (CNB)
Denmark	./.	VP Securities A/S, Copenhagen
Estonia	AS SEB Pank, Tallinn (EEUHEE2XXXX) /	Nasdaq CSD SE, Tallinn
Finland	./.	Euroclear Finland Ltd., Helsinki
France	BNP Paribas Securities Services S.A., Paris (PARBFRPPXXX)	Euroclear France S.A., Paris
Germany	./.	Clearstream Banking AG, Frankfurt a. M.
Greece	Citibank Europe plc Greece Branch, Athens (CITIGRAAXXX)	Hellenic Central Securities Depository S.A., Athens (ATHEXCSD) Bank of Greece settlement system, Athens (BOGS)
Hong Kong	Citibank N.A., Hong Kong (CITIHKHXXXX)	Hong Kong Securities Clearing Company Ltd. (HKSCC) Central Moneymarkets Unit, Hong Kong (CMU)
Hungary	./.	KELER Ltd., Budapest (KELRHUHBXXX)
Iceland	LuxCSD S.A., Luxembourg (LUXCLULLXXX)	Nasdaq CSD Iceland hf, Reykjavik
Indonesia	Citibank N.A., Jakarta (CITIIDJXXXX)	Indonesian Central Securities Depository, Jakarta (KSEI) Bank Indonesia, Jakarta
Ireland	Citibank N.A., London (CITIGB2LXXX)	Euroclear UK & Ireland Ltd., London Euroclear Bank S.A. / N.V., Brussels
Israel	Citibank N.A., Tel Aviv (CITIILITXXX)	Tel Aviv Stock Exchange Clearing House, Tel-Aviv (TASE)
Italy	./.	Monte Titoli S.p.A., Milan
Japan	HSBC Ltd., Tokyo (HSBCJPJTXXX)	Bank of Japan, Tokyo (BOJ) Japan Securities Depository Center, Inc., Tokyo (JASDEC) The Depository Trust Company, New York (DTC)
Latvia	AS SEB Pank, Tallinn (EEUHEE2XXXX) / AS SEB banka, Valdlauči (UNLALV2XXXX)	Nasdaq CSD SE, Riga

Clearstream Banking S.A. (Luxembourg)
Clearstream Banking AG (Frankfurt)

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Country	2nd Sub-Custodian / 3rd Sub-Custodian	Central Securities Depository
Lithuania	AS SEB Pank, Tallinn (EEUHEE2XXXX) / AB SEB Bankas, Vilnius (CBVILT2XXXX)	Nasdaq CSD SE, Vilnius
Luxembourg	./.	LuxCSD S.A. VP Lux S.à r. l.
Malaysia	HSBC Bank Malaysia Berhad, Kuala Lumpur (HBMBMYKLXXX)	Bursa Malaysia Depository Sdn Berhad, Kuala Lumpur Bank Negara Malaysia Kuala Lumpur (MyClear)
Mexico	Banco Nacional de Mexico S.A., Mexico D.F. (BNMXXMMXXX)	S.D. Ineval S.A. de C.V., Mexico D.F.
Netherlands	./.	Euroclear Nederland S.A./N.V., Amsterdam
New Zealand	JPMorgan Chase Bank N.A., Sydney (CHASAU2XXXX)	New Zealand Central Securities Depository Ltd., Wellington (NZCSD) Reserve Bank of New Zealand, Wellington
Norway	./.	Verdipapirsentralen ASA, Oslo (VPS ASA)
Philippines	Standard Chartered Bank, Makati City (SCBLPHMMXXX)	Philippine Depository & Trust Corp., Makati City (PDTC) Bureau of the Treasury, Manila (BTR)
Poland	Bank Handlowy w Warszawie S.A., Warsaw (CITIPLPXXX)	National Bank of Poland, Warsaw (NBP) Central Securities Depository of Poland, Warsaw (KDPW)
Portugal	BNP Paribas Securities Services S.A., Paris (PARBFRPPXXX)	Interbolsa - S.G.S.L.S.C.V.M. S.A, Porto
Russia	./.	National Settlement Depository, Moscow (NSD)
Singapore	DBS Bank Ltd., Singapore (DBSSSGSGXXX)	The Central Depository Pte Ltd., Singapore (CDP) Monetary Authority of Singapore (MAS)
Slovak Republic	./.	Centrálny depozitár cenných papierov SR a.s., Bratislava (CDCP)
Slovenia	./.	Central Securities Clearing Corp., Ljubljana (KDD)
South Africa	Standard Chartered Bank, Johannesburg Branch, Sandton (SCBLZAJJXXX)	South Africa's Central Securities Depository Pty Ltd., Sandton (strate)
South Korea	HSBC Ltd., Seoul (HSBCKRSEXXX)	Korea Securities Depository, Seoul (KSD)
Spain	Banco Bilbao Vizcaya Argentaria, S.A., Madrid (BBVAESMMXXX)	iberclear, Madrid Bolsa de Barcelona, Barcelona (SCL Barna Deuda) Bolsa de Bilbao, Bilbao (SAC Bilbao)
Sweden	Skandinaviska Enskilda Banken AB, Stockholm (ESSESESSXXX)	Euroclear Sweden AB, Stockholm
Switzerland	UBS AG, Zurich (UBSWCHZHXXX)	SIX SegalInterSettle AG, Zurich
Thailand	HSBC Ltd., Bangkok Branch (HSBCTHBKXXX)	Thailand Securities Depository Company Ltd., Bangkok (TSD)
Turkey	Türk Ekonomi Bankasi A.S., Istanbul (TEBUTRISXXX)	Merkezi Kayit Kurulusu A.S., Istanbul (MKK) Central Bank of Turkey (CBRT)
United Kingdom	Citibank N.A., London (CITIGB2LXXX)	Euroclear UK & Ireland Ltd., London
USA	Citibank N.A., New York (CITIUS33XXX)	Fedwire Securities Services, New York The Depository Trust Company , New York (DTC)



Citibank N.A., London

BICCODE: CITIGB2LXXX

Country	2nd Sub-Custodian / 3rd Sub-Custodian	Central Securities Depository
Australia	Citigroup Pty Ltd., Melbourne (CITIAU3XXXX)	Clearing House Electronic Subregister System, Sydney (CHES) Austraclear Limited, Sydney
Austria	Citibank Europe plc (CITIE2XXXX)	Österreichische Kontrollbank Central Securities Depository GmbH AG, Vienna (OeKB CSD)
Bermuda	HSBC Bank Bermuda Ltd., Hamilton (BBDABMHMXXX)	Bermuda Securities Depository, Hamilton (BSD)
Brazil	Citibank N.A., Filial Brasileira, Sao Paulo (CITIBRSPXXX) Citibank Distribuidora de Títulos e Valores Mobiliários S.A.	BM&FBOVESPA Depository Services, Sao Paulo Sistema Especial de Liquidação e de Custódia, Sao Paulo (SELIC) Balcão Organizado de Ativos e Derivativos (CETIP S.A.)
Canada	Citibank Canada, Toronto (CITICATXXX)	Canadian Depository for Securities Ltd., Toronto (CDS)
China	Citibank (China) Co. Ltd., Shanghai (CITICNSXXX)	CSDCC Shanghai Branch CSDCC Shenzhen Branch Shanghai Clearing House (SHCH)
Croatia	Privredna Banka Zagreb d.d., Zagreb (PBZGHR2XXXX)	Central Depository & Clearing Company Inc. (SKDD d.d.)
Denmark	Citibank Europe plc (CITIE2XXXX)	VP Securities A/S, Copenhagen
Egypt	Citibank N.A., Cairo (CITIEGCXXX)	The Central Bank of Egypt, Cairo (CBE) Misr for Central Clearing, Depository and Registry, Cairo (MCDR)
Estonia	Swedbank A/S, Tallinn (HABAE2XXXX)	Estonian Central Securities Depository, Tallinn (ECSD)
Finland	Nordea Bank AB, Finnish Branch, Helsinki (NDEAFIHHXXX)	Euroclear Finland Ltd., Helsinki
France	Citibank Europe plc, UK Branch, London (CITIGB2LXXX)	Euroclear France, Paris
Germany	Citigroup Global Markets Deutschland AG, Frankfurt a. M.(CITIDEFFXXX)	Clearstream Banking AG, Frankfurt a. M.
Ghana	Standard Chartered Bank of Ghana Ltd., Accra (SCBLGHACSSU)	Central Securities Depository of Ghana Ltd., Accra (CSD)
Hong Kong	Citibank N.A., Hong Kong Branch (CITIHKHXXXX)	Central Clearing and Settlement System, Hong Kong (CCASS)
ICSD	./.	Clearstream Banking S.A., Luxembourg (CBL) Euroclear SA/NV Belgium, Brussels (EBE)
Indonesia	Citibank N.A., Jakarta Branch (CITIIDJXXXX)	Indonesia Central Securities Depository, Jakarta (KSEI) Bank Indonesia, Jakarta
Italy	Citibank N.A., Milan Branch (CITIITMXXXX)	Monte Titoli S.p.A, Milan
Japan	Citibank N.A., Tokyo Branch (CITIJPJTXXX) Citigroup Global Markets Japan Inc. (NSBLJPJTXXX)	Bank of Japan, Tokyo (BOJ) Japan Securities Depository Center, Inc., Tokyo (JASDEC)
Kenya	Standard Chartered Bank of Kenya Ltd., Nairobi (SCBLKENXXXX)	Central Depository & Settlement Corporation Ltd., Nairobi (CDSC)
Latvia	Swedbank AS, Tallinn (HABAE2XXXX) / Swedbank AS, Riga (HABALV22XXX)	Latvian Central Depository, Riga (NASDAQ CSD) Bank of Latvia, Riga
Lithuania	Swedbank AS, Tallinn (HABAE2XXXX) / Swedbank AB, Vilnius (HABALT22XXX)	Central Securities Depository of Lithuania, Vilnius (NASDAQ CSD)

Citibank N.A., London

BICCODE: CITIGB2LXXX

Country	2nd Sub-Custodian / 3rd Sub-Custodian	Central Securities Depository
Mauritius	HSBC Ltd., Ebene (HSBCMUMUXXX)	Central Depository & Settlement Co. Ltd., Port Louis (CDS)
Mexico	Banco Nacional de Mexico S.A., Mexico D.F. (BNMXMXMMXXX)	S.D. Ineval S.A. de C.V., Mexico D.F.
Morocco	Citibank Maghreb S.A., Casablanca (CITIMAMCXXX)	MAROCLEAR, Casablanca
Netherlands	Citibank Europe plc, UK Branch, London (CITIGB2LXXX)	Euroclear (Bank) Nederland, Amsterdam
New Zealand	Citibank N.A., New Zealand Branch, Auckland (CITINZ2XXXX)	New Zealand Central Securities Depository Ltd., Wellington (NZCSD)
Nigeria	Citibank Nigeria Ltd., Lagos (CITINGLAXXX)	Central Securities Depository, Lagos (CSD)
Philippines	Citibank N.A., Philippines Branch, Makati (CITIPHMXXX)	Philippine Depository & Trust Corp., Makati City (PDTC) Bureau of the Treasury, Manila (BTR)
Poland	Bank Handlowy w Warszawie SA, Warsaw (CITIPLPXXX)	National Bank of Poland, Warsaw (NBP) Central Securities Depository of Poland, Warsaw (KDPW)
Portugal	Citibank Europe plc, Sucursal em Portugal, Lisbon (CITIPTPXXX)	Interbolsa - S.G.S.L.S.C.V.M. S.A, Porto
Singapore	Citibank N.A., Singapore Branch (CITISGSGXXX)	The Central Depository Pte Ltd., Singapore
Slovenia	UniCredit Banka Slovenia d.d., Ljubljana (BACXSI22XXX)	Central Securities Clearing Corp., Ljubljana (KDD)
South Africa	Citibank N.A., South Africa, Sandton (CITIZAJXXX)	South Africa's Central Securities Depository Pty Ltd., Sandton (Strate)
South Korea	Citibank Korea Inc., Seoul (CITIKRSXXX)	Korea Securities Depository, Seoul (KSD)
Sweden	Citibank Europe plc, Sweden Branch, Stockholm (CITISESXXX)	Euroclear Sweden AB, Stockholm
Switzerland	Citibank N.A., London Branch (CITIGB2LXXX)	SIX SegalInterSettle AG, Zurich
Taiwan	Citibank Taiwan Ltd., Taipei (CITITWTXXX)	Taiwan Depository Clearing Corporation, Taipei (TDCC)
Thailand	Citibank N.A., Bangkok Branch (CITITHBXXX)	Thailand Securities Depository Company Ltd., Bangkok (TSD)
Tunisia	Union Internationale de Banques, Tunis (UIBKNTTXXX)	Tunisie Clearing, Tunis
United Kingdom	Citibank N.A., London Branch (CITIGB2LXXX)	Euroclear UK & Ireland Ltd., London
USA	Citibank N.A., New York Offices (CITIUS33XXX)	Federal Reserve Bank, New York (FED) DTCC, New York
Zambia	Standard Chartered Bank Zambia plc, Lusaka (SCBLZMLXXX)	Bank of Zambia, Lusaka LuSE Central Shares Depository Ltd., Lusaka

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