

**The list of sub-custodians and sub-delegates of CACEIS Bank acting as appointed depository of**  
\* restricted sub-custodians

REGION	MARKET	AGENT	SUB-DELEGATE NETWORK/NAME
Latin America	ARGENTINA	Banco Santander Rio SA	
Asia - Pacific	AUSTRALIA	Hong Kong and Shanghai Banking Corporation Limited, Sydney branch	
Western Europe	AUSTRIA	Oesterreichische Kontrollbank CSD GMBH	
Western Europe	AUSTRIA	UniCredit Bank Austria AG, Vienna	
Western Europe	AUSTRIA	CACEIS Bank S.A., Germany branch	
Middle East	BAHRAIN	The Bank of New York SA/NV	HSBC Bank Middle East Ltd., Bahrain Branch
Asia - Pacific	BANGLADESH	The Hongkong and Shanghai Banking Corporation Limited, Dhaka Branch	
Western Europe	BELGIUM	Banque Nationale de Belgique (CSD)	
Western Europe	BELGIUM	Euroclear Belgium (CSD)	
Africa	BOTSWANA	Standard Chartered Bank Botswana Limited	
Latin America	BRAZIL	S3 CACEIS Brasil DTVM S.A	
Eastern Europe	BULGARIA	UniCredit Bulbank AD	
North America	CANADA	CIBC Mellon Trust Company	
Latin America	CHILE	Banco de Chile	
Latin America	CHILE	Banco Santander Chile	
Asia - Pacific	China (A Shares & CIBM)	HSBC Bank (China) Company Limited	
Asia - Pacific	China (A Shares & CIBM)	Deutsche Bank (China) Co Ltd *	
Asia - Pacific	China (A Shares & CIBM)	Standard Chartered Bank (China) Ltd *	
Asia - Pacific	China (A Shares & CIBM)	China Construction Bank Corporation *	
Asia - Pacific	China (A Shares & CIBM)	Industrial and Commercial Bank of China Ltd *	
Asia - Pacific	China (A Shares & CIBM)	Agricultural Bank of China Ltd *	
Asia - Pacific	China (A Shares & CIBM)	Bank of China Ltd *	
Asia - Pacific	China (B) - SHANGHAI	HSBC Bank (China) Company Limited	
Asia - Pacific	China (B) - SHENZHEN	HSBC Bank (China) Company Limited	
Latin America	COLOMBIA	Santander CACEIS Colombia S.A Sociedad Fiduciaria	
Eastern Europe	CROATIA	Zagrebacka Banka d.d.	
Western Europe	CYPRUS	HSBC Continental Europe, Greece	
Eastern Europe	CZECH REPUBLIC	UniCredit Bank Czech Republic and Slovakia, a.s.	
Northern Europe	DENMARK	Danske Bank A/S	
Middle East	EGYPT	Citibank N.A., Egypt	
Western Europe	ESTONIA	CACEIS Bank	
Eastern Europe	ESTONIA	AS SEB Bank	
Northern Europe	FINLAND	Skandinaviska Enskilda Banken AB, Helsinki	
Western Europe	FRANCE	Euroclear France S.A. (CSD)	
Western Europe	GERMANY	Clearstream Banking AG, Frankfurt (CSD)	
Western Europe	GERMANY	CACEIS Bank S.A., Germany branch	
Western Europe	GERMANY	Oddo BHF Aktiengesellschaft *	
Africa	GHANA	Standard Chartered Bank Ghana Plc	
Western Europe	GREECE	HSBC Continental Europe, Greece	
Asia - Pacific	HONG KONG	The Hong Kong and Shanghai Banking Corporation Limited, Hong Kong	
Asia - Pacific	Hong Kong (Bond Connect)	The Hong Kong and Shanghai Banking Corporation Limited, Hong Kong	
Asia - Pacific	Hong Kong (China connect)	The Hong Kong and Shanghai Banking Corporation Limited, Hong Kong	
Eastern Europe	HUNGARY	UniCredit Bank Hungary Zrt.	
Northern Europe	ICELAND	Landsbankinn hf	
Asia - Pacific	INDIA	The Hongkong and Shanghai Banking Corporation Limited, Mumbai Branch	
Asia - Pacific	INDONESIA	PT Bank HSBC Indonesia	
Western Europe	Ireland (EB - Issuer CSD)	Citibank N.A London Branch	
Western Europe	Ireland (EU - CDI)	HSBC Bank Plc	
Western Europe	Ireland (EU - CDI)	Euroclear Bank SA/NV	
Middle East	ISRAEL	Bank Hapoalim B.M.	
Western Europe	ITALY	Euronext Securities Milan (CSD)	
Western Europe	ITALY	CACEIS Bank, Italy Branch	
Asia - Pacific	JAPAN	The Hongkong and Shanghai Banking Corporation Limited, Tokyo Branch	
Middle East	JORDAN	Standard Chartered Bank Jordan Branch	
Africa	KENYA	Standard Chartered Bank Kenya Limited	
Asia - Pacific	KOREA (SOUTH)	Standard Chartered Korea Limited, Seoul	
Asia - Pacific	KOREA (SOUTH)	The Hongkong and Shanghai Banking Corporation Limited, Seoul Branch	
Middle East	KUWAIT	The Bank of New York SA/NV	HSBC Bank Middle East Limited, Kuwait Branch
Eastern Europe	LATVIA	AS SEB Banka	
Middle East	LEBANON	Banque Libano Française SAL *	
Eastern Europe	LITHUANIA	AS SEB Bankas	
Western Europe	Luxembourg	LuxCSD S.A. (CSD)	
Asia - Pacific	MALAYSIA	HSBC Bank Malaysia Berhad	
Africa	MAURITIUS	Standard Chartered Bank (Mauritius) Limited	
Latin America	MEXICO	Banco S3 CACEIS Mexico, S.A. Institucion de Banca Multiple	
Africa	MOROCCO	Attijarwala Bank, Casablanca	
International CSD	GLOBAL	Euroclear Bank SA/NV	The list of Euroclear's network and depository banks is published on their public site
International CSD	GLOBAL	Clearstream Banking S.A., Luxembourg	The list of Clearstream's network and depository banks is published on their public site
Western Europe	NETHERLANDS	Euroclear Nederland (CSD)	
Asia - Pacific	NEW ZEALAND	The Hongkong and Shanghai Banking Corporation Limited, Auckland Branch	
Africa	NIGERIA	Standard Chartered Bank Nigeria Limited	
Northern Europe	NORWAY	Skandinaviska Enskilda Banken AB (publ) Osløfilialen	
Middle East	OMAN	The Bank of New York SA/NV	HSBC Bank Oman S.A.O.G
Asia - Pacific	PAKISTAN	Standard Chartered Bank (Pakistan) Ltd	
Latin America	PERU	Citibank del Peru S.A.	
Asia - Pacific	PHILIPPINES	The Hongkong and Shanghai Banking Corporation Limited, Manila Branch	
Eastern Europe	POLAND	Bank Pekao S.A.	
Western Europe	PORTUGAL	Banco Santander Totta S.A.	
Western Europe	PORTUGAL	Citibank Europe Plc	
Middle East	QATAR	The Bank of New York SA/NV	HSBC Bank Middle East Limited, Doha Branch
Eastern Europe	ROMANIA	UniCredit Bank S.A.	
Eastern Europe	RUSSIA	AO UniCredit Bank, Moscow JSC	
Middle East	SAUDI ARABIA	HSBC Saudi Arabia Ltd	
Eastern Europe	SERBIA	UniCredit Bank Serbia JSC	
Asia - Pacific	SINGAPORE	The Hong Kong and Shanghai Banking Corporation Ltd, Singapore Branch	
Eastern Europe	SLOVAKIA	UniCredit Bank Czech Republic and Slovakia, a.s., pobočka zahraničnej banky	
Eastern Europe	SLOVENIA	UniCredit Banka Slovenija d.d. Ljubljana	
Africa	SOUTH AFRICA	Standard Chartered Bank Johannesburg branch	
Western Europe	SPAIN	CACEIS Bank Spain, S.A.	
Western Europe	SPAIN	Iberclear (CSD)	
Western Europe	SPAIN	Allfunds Bank S.A. (specific set up) *	
Asia - Pacific	SRI LANKA	Citibank N.A. London	Citibank N.A., Sri Lanka Branch
Asia - Pacific	SRI LANKA	The Hongkong and Shanghai Banking Corporation Limited, Sri Lanka	
Northern Europe	SWEDEN	Skandinaviska Enskilda Banken AB	
Western Europe	SWITZERLAND	SIX SIS AG (CSD)	
Western Europe	SWITZERLAND	CACEIS Bank, Switzerland branch	
Asia - Pacific	TAIWAN	HSBC Bank (Taiwan) Limited	
Asia - Pacific	THAILAND	The Hongkong and Shanghai Banking Corporation Limited, Bangkok Branch	
Africa	TUNISIA	Amen Bank	
Middle East	TURKEY	Citibank AS	
Middle East	UNITED ARAB EMIRATES	The Bank of New York SA/NV	HSBC Bank Middle East Limited, Dubai branch
Western Europe	UNITED KINGDOM	Citibank N.A London Branch	
Western Europe	UNITED KINGDOM	HSBC Bank Plc	
North America	UNITED STATES	Brown Brothers Harriman & Co.	
North America	UNITED STATES	The Bank of New York Mellon	
Asia - Pacific	VIETNAM	HSBC Bank (Vietnam) Ltd	
Africa	WAEMU	Standard Chartered Bank Côte d'Ivoire	
Africa	ZAMBIA	Standard Chartered Bank Zambia Plc	