

**J.P. Morgan Bank Luxembourg S.A. - List of sub-custodians as of 24th February 2020**

Market	Sub-custodian(s)
Argentina	HSBC Bank Argentina S.A.
Australia	JPMorgan Chase Bank, N.A.**
Austria	UniCredit Bank Austria AG
Bahrain	HSBC Bank Middle East Limited
Bangladesh	Standard Chartered Bank
Belgium	BNP Paribas Securities Services S.C.A. J.P. Morgan Bank Luxembourg S.A. ** J.P. Morgan Bank (Ireland) PLC **
Bermuda	HSBC Bank Bermuda Limited
Botswana	Standard Chartered Bank Botswana Limited
Brazil	J.P. Morgan S.A. DTVM**
Bulgaria	Citibank Europe plc CIBC Mellon Trust Company
Canada	Royal Bank of Canada
Chile	Banco Santander Chile HSBC Bank (China) Company Limited
China A Shares	JPMorgan Chase Bank (China) Company Limited**
China B Shares	HSBC Bank (China) Company Limited
China Connect	JPMorgan Chase Bank, N.A. **
Colombia	Cititrust Colombia S.A.
Costa Rica*	Banco BCT S.A.
Croatia	Privredna banka Zagreb d.d.
Cyprus	HSBC France Athens Branch
Czech Republic	UniCredit Bank Czech Republic and Slovakia, a.s.
Denmark	Nordea Bank Abp
Egypt	Citibank N.A., Egypt
Estonia	Access to the market via Clearstream Banking S.A., Luxembourg
Finland	Nordea Bank Abp
France	BNP Paribas Securities Services S.C.A. J.P. Morgan Bank Luxembourg S.A. ** J.P. Morgan Bank (Ireland) PLC **
Germany	Deutsche Bank AG J.P. Morgan AG **
Ghana	Standard Chartered Bank Ghana Limited
Greece	HSBC France Athens Branch
Hong Kong	JPMorgan Chase Bank, N.A.**
Hungary	Deutsche Bank AG
Iceland*	Islandsbanki hf.
India	JPMorgan Chase Bank, N.A.**
Indonesia	PT Bank HSBC Indonesia
Ireland	JPMorgan Chase Bank, N.A.**
Israel	Bank Leumi le-Israel B.M.
Italy	BNP Paribas Securities Services S.C.A. J.P. Morgan Bank (Ireland) PLC ** Mizuho Bank, Ltd.
Japan	MUFG Bank, Ltd.
Jordan	Standard Chartered Bank
Kazakhstan	JSC Citibank Kazakhstan
Kenya	Standard Chartered Bank Kenya Limited
Kuwait	HSBC Bank Middle East Limited
Latvia	Access to the market via Clearstream Banking S.A., Luxembourg
Lithuania	Access to the market via Clearstream Banking S.A., Luxembourg
Luxembourg	BNP Paribas Securities Services S.C.A.
Malawi*	Standard Bank PLC
Malaysia	HSBC Bank Malaysia Berhad
Mauritius	The Hongkong and Shanghai Banking Corporation Limited
Mexico	Banco Nacional de Mexico, S.A.
Morocco	Société Générale Marocaine de Banques
Namibia	Standard Bank Namibia Limited
Netherlands	BNP Paribas Securities Services S.C.A. J.P. Morgan Bank Luxembourg S.A. ** J.P. Morgan Bank (Ireland) PLC **
New Zealand	JPMorgan Chase Bank, N.A.**
Nigeria	Stanbic IBTC Bank Plc
Norway	Nordea Bank Abp
Oman	HSBC Bank Oman S.A.O.G.
Pakistan	Standard Chartered Bank (Pakistan) Limited
Peru	Citibank del Perú S.A.
Philippines	The Hongkong and Shanghai Banking Corporation Limited
Poland	Bank Handlowy w. Warszawie S.A.
Portugal	BNP Paribas Securities Services S.C.A.
Qatar	HSBC Bank Middle East Limited
Romania	Citibank Europe plc
Russia	Commercial Bank "J.P. Morgan Bank International" (Limited Liability Company)**
Saudi Arabia	HSBC Saudi Arabia J.P.Morgan Saudi Arabia Company **
Serbia	Unicredit Bank Srbija a.d.
Singapore	DBS Bank Ltd
Slovak Republic	UniCredit Bank Czech Republic and Slovakia, a.s.
Slovenia	UniCredit Banka Slovenija d.d.
South Africa	FirstRand Bank Limited
South Korea	Standard Chartered Bank Korea Limited Kookmin Bank Co. Ltd.
Spain	Santander Securities Services, S.A.
Sri Lanka	The Hongkong and Shanghai Banking Corporation Limited
Sweden	Nordea Bank Abp
Switzerland	UBS Switzerland AG
Taiwan	JPMorgan Chase Bank, N.A.**
Tanzania*	Stanbic Bank Tanzania Limited
Thailand	Standard Chartered Bank (Thai) Public Company Limited
Tunisia	Union Internationale de Banques Societe Generale SA
Turkey	Citibank A.S.
Uganda	Standard Chartered Bank Uganda Limited
Ukraine*	Joint Stock Company "Citibank"
United Arab Emirates	HSBC Bank Middle East Limited
United Kingdom	JPMorgan Chase Bank, N.A.** Deutsche Bank AG Depository and Clearing
United States	JPMorgan Chase Bank, N.A.**
Uruguay	Banco Itaú Uruguay S.A.
Vietnam	HSBC Bank (Vietnam) Ltd.
WAEMU* (Benin, Burkina Faso, Guinea- Bissau, Ivory Coast, Mali, Niger, Senegal, Togo)	Standard Chartered Bank Côte d'Ivoire S.A.
Zambia	Standard Chartered Bank Zambia Plc
Zimbabwe*	Stanbic Bank Zimbabwe Limited

\* restricted service

\*\* J.P. Morgan affiliate