

CLSNet confirmation protocol adherents

Date: 10 December 2024

Please find below a list of adherents to the CLSNet confirmation protocol:

ame of institution	
1.	Banco Actinver, S.A.
2.	Bank of America N.A.
3.	BOFA Securities, Europe
4.	Bank of China (Hong Kong) Limited
5.	Bank of China Limited (Hong Kong Branch)
6.	Blackrock Financial Management Inc.*
7.	BNP Paribas
8.	Citibank N.A.
9.	Deutsche Bank A.G (London Branch)
10.	EFG Bank
11.	FAB Global Markets (Cayman) Limited
12.	First Abu Dhabi Bank PJSC
13.	Goldman Sachs and Co. LLC
14.	Goldman Sachs Bank USA (formerly Goldman Sachs Capital Markets, L.P.)
15.	Goldman Sachs International
16.	ING Bank N.V. Amsterdam
17.	Intesa Sanpaolo
18.	J. Aron and Company LLC
19.	JPMorgan Chase Bank, N.A.
20.	Merrill Lynch International Bank Limited
21.	Morgan Stanley & Co. International plc
22.	Morgan Stanley Capital Services LLC
23.	Morgan Stanley & Co. LLC
24.	Morgan Stanley Capital Group Inc.
25.	Morgan Stanley MUFG Securities Co., Ltd
26.	MUFG Bank, Ltd
27.	Shanghai Commercial Bank Limited
28.	Taipei Fubon Commercial Bank Co. Ltd
29.	Taipei Fubon Commercial Bank Co. Ltd (Hong Kong Branch)
30.	Taipei Fubon Commercial Bank Co. Ltd (Singapore Branch)
31.	UBS AG

*Each of BlackRock's Participating Affiliates and Relevant Third Parties (as defined respectively in the CLSNet legal agreements) reflected in the inventory (visible on the user interface of the CLS netting system to other participants) of active Participating Affiliates and Relevant Third Parties uploaded to the CLS netting system by BlackRock or any of its Participating Affiliates, as applicable, is an Adhering Party (as defined in the CLSNet legal agreements).