

LEGAL ENTITY INFORMATION

<ul style="list-style-type: none"> ■ Entity Name: ■ Institution Type: ■ Address & Registered Office: ■ Place of Business: ■ Financial Regulator: ■ Executive Board: ■ Chairperson of Supervisory Board: ■ Company Number: ■ Legal Entity Identifier (LEI): ■ BIC Code: ■ VAT Number: ■ Branches 	<p>Goldman Sachs Bank Europe SE</p> <p>SE (Societas Europaea)</p> <p>Marienturm Taunusanlage 9-10 60329 Frankfurt am Main</p> <p>Frankfurt, Germany</p> <p>Direct prudential supervision by the European Central Bank within the Single Supervisory Mechanism and in other respects supervision by the German Federal Financial Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, BaFin) and Deutsche Bundesbank.</p> <p>Dr Wolfgang Fink (Chairperson), Peter Herrmann, Robert Charnley, Lear Janiv, Thomas Degn-Petersen, Michael Holmes</p> <p>John F.W. Rogers</p> <p>HRB 114190</p> <p>8IBZUGJ7JPLH368JE346</p> <p>GOLDDEFA</p> <p>DE112006422</p> <ul style="list-style-type: none"> ■ Goldman Sachs Bank Europe SE, Amsterdam Branch ■ Goldman Sachs Bank Europe SE, Athens branch ■ Goldman Sachs Bank Europe, Copenhagen Branch, filial af Goldman Sachs Bank Europe SE, Tyskland ■ Goldman Sachs Bank Europe SE, Dublin Branch ■ Goldman Sachs Bank Europe SE, London Branch ■ Goldman Sachs Bank Europe SE, Luxembourg Branch ■ Goldman Sachs Bank Europe SE, Sucursal en España ■ Goldman Sachs Bank Europe SE, Succursale Italia ■ Goldman Sachs Bank Europe SE, Succursale de Paris ■ Goldman Sachs Bank Europe SE, Sweden Bankfilial ■ Goldman Sachs Bank Europe SE, spółka europejska Oddział w Polsce' Warsaw Branch
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Note: for branch specific information, please click on the branch name's link.

Disclaimer

REGULATORY INFORMATION

All regulatory disclosures for Goldman Sachs entities can be found on the following GS webpage - <https://www.goldmansachs.com/disclosures/>

■ MiFID	EU MiFID Investment Firm
■ EMIR	GSBE is registered as a Systematic Internaliser
■ Operating MIC:	Financial Counterparty (FC)
■ Segment MIC:	GSBE
	GSEI

CREDIT RATINGS

Credit ratings for Goldman Sachs entities can be found on the following GS webpage: <https://www.goldmansachs.com/investor-relations/creditor-information/credit-ratings.pdf>

FINANCIAL STATEMENTS

GSBE's latest financial statements can be found on the following GS webpage: <https://www.goldmansachs.com/investor-relations/financials/index.html>

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Goldman Sachs Bank Europe SE

Operational Set-up Information

SECURITIES

■ DTCC Omgeo – CTM:	GOLDDEFAXXX
– Domestic	GOLSACHS
Oasys:	
– Trade-suite:	5208
■ FIX post trade	GOLDDEFAXXX
■ SWIFT GETC	GOLDDEFAXXX
■ Traiana Harmony (Give in/ups)	GOLDDEFAXXX
■ Clearsteam KV Participant code	1055 [Frankfurt; Warrants] 7246 [Frankfurt; Cash Equities] 6252 [Stuttgart]
■ Bloomberg Ticker	Cash: GSEB and GSA

OTC DERIVATIVES

■ MarkitWire: – Participant Name	Goldman Sachs
– Short Code	GOLD
– BIC	GOLDDEFA
■ Bloomberg Ticker:	GS, GSMX and GSOL
■ Clearing BIC:	GOLDDEFA
■ TriResolve (TriOptima):	GSOH
■ DTCC DS-Match:	0000GSOH
■ Traiana CFD/Swap Allocations:	GSIL-X
■ ICELink:	GSOH

FX & COMMODITIES

■ CLS Affiliate Member	GOLDDEFA
■ FX All, Bloomberg, GTSS, MISYS (Finastra) BIC Code	GOLDDEFA
■ EIC:	11X0-0000-0492-L
■ ACER:	In finalisation
■ EFET (Equias) EIC:	11X0-0000-0492-L
■ EFET (Equias) ACER:	In finalisation
■ ICE e-confirm	In finalisation

DTCC ALERT

■ Acronym	GOLD-LDN
■ Equities Settlement Model	GSOHG
■ Fixed Income Settlement Model	GSOHG-FIXDINC