

The Leading Derivatives
Exchange in the Middle East



DGCX Group



Volume growth on a yearly basis



Time zone overlaps Asia and Europe with US trading hours.



7:00 am to 11:55 pm UAE (GMT +4).



Diversified membership base covering all major trading centres



More than 140 million contracts traded and cleared since inception.



Tax free environment - global business transacted and cleared in the UAE with funds domiciled in the region offering the benefits of the local tax landscape.



Competitive transaction fee structure with attractive incentive programs.



Standardised margin requirements for all participants.



DGCX Group Key Milestones

2005

- DGCX First commodities exchange in the GCC region
- Launch by H.H. Sheikh Mohammed Bin Rashid Al Maktoum
- Gold / Silver Futures

2007

- Gold
 Options and Indian
 Rupee
 Futures
- Crosses 1 million lots

2008

- Affiliate
 Membership
 of IOSCO
- MAS
 Recognized
 Market
 Operator

2013

- Crosses 25 million lots
- System migration to world-class EOS Platform

2015

- Crosses 50 million lots
- Introduces
 AED and
 Bullion as
 Collaterals
- Launches Spot Gold and Chinese Yuan
- DGCX Recognised Body by DFSA
- SCA CCP
 Regulations
 Implemented

2017

- DCCC ESMA TC-CCP recognition
- ADGM and DFSA recognition for DCCC

2018

- Crosses 100 million lots
- Shari'ah
 Compliant
 Spot Gold
 launched
- DGCX Trades more than 22 million lots in a year for the first time
- Notional value traded over USD 475 billion

2019

- Crosses 140 million lots
- Restructures Default Fund, SKITG comprising 27% of the fund





About the DGCX - Exchange

Corporate Structure

- 100% owned subsidiary of DMCC established 2005
- Regulated by the Securities and Commodities Authority (SCA)
- Self Regulated Organisation (SRO) with its own rules and regulations.
- Operates a CCP Dubai Commodities Clearing Corporation (DCCC)
- Member of IOSCO
- Affiliated with WFE

Diverse Product Offering

- Largest and most diversified derivatives Exchange in the Middle East
- Offers products across 4 Asset Classes (Metals both Precious and Base, Currencies, Energy and Equities)
- First exchange in the Middle East to offer Single Stock Futures on 59 Global Stocks
- State of the art multi-currency Trading and Clearing Platform - EoS



Speed and Transparency

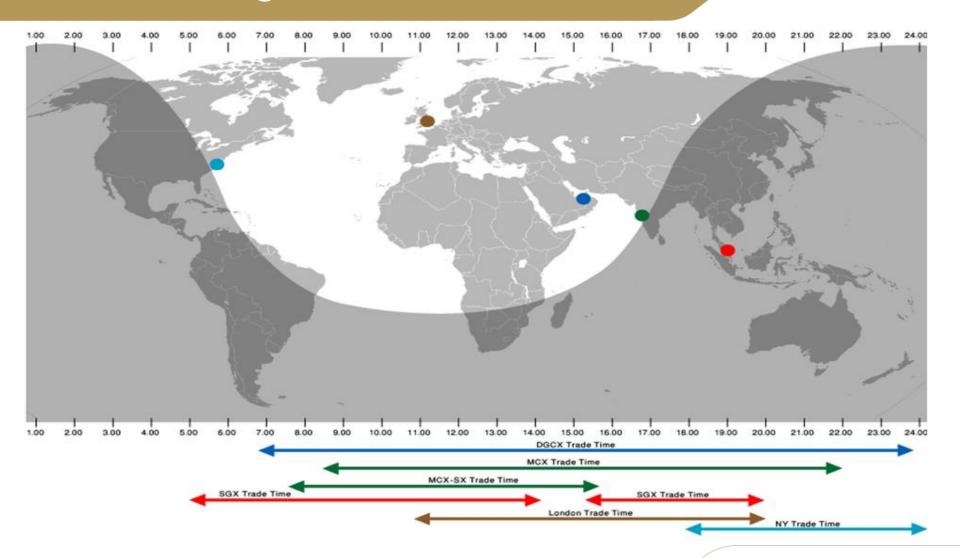
- Technology provided by Cinnober Financial Technology, one of the world's leading providers
- Equal access to all participants
- Transparent and fair Market prices and Market information

Global / Regional Access

- Over 175 Trading members spread globally
- 17 hrs Covering all major global liquidity hubs
- Supports Global Fix 5 protocol
- Accessible through major leading Independent Software Vendors (ISV).
- Recognized Exchange by DFSA and FSRA (ADGM)
- Recognised Market Operator by MAS



Global Trading Window



DGCX Products



Metals

- Gold
- Indian Gold
- Shari'ah Compliant Spot Gold
- Silver
- Copper



Currencies

- **INR-USD**
- Mini INR-USD
- **INR Quanto**
- **INR Options**
- **USD-CNH**
- **USD-ZAR**
- **GBP-USD**
- JPY-USD
- **CAD-USD**
- **AUD-USD**
- **CHF-USD**
- **EUR-USD**



Hydrocarbons

- WTI / Mini WTI
- **Brent Crude Oil**



Equities

Single Stock Futures

DGCX Product Pipeline



Hydrocarbons

- Natural Gas
- Indian Quanto Natural Gas
- Alternative Crude Oil



Currencies

- Regional Currencies
- Rolling Currencies



Equities

- Single Stock Futures expansion
- Equity Indices GCC
- Equity Indices International

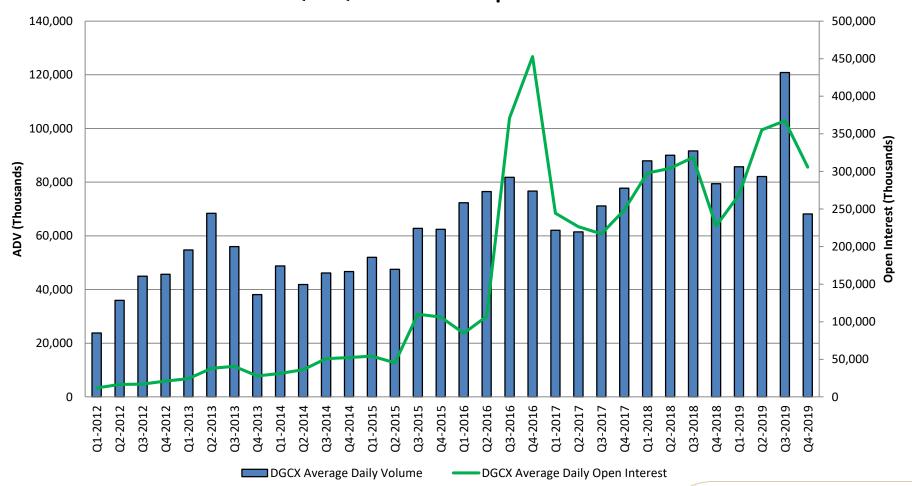


Metals

- Gold Options
- Retail Gold
- Base Metals Expansion
- Palladium
- Platinum
- Shari'ah Silver

Q-o-Q Volume and Open Interest

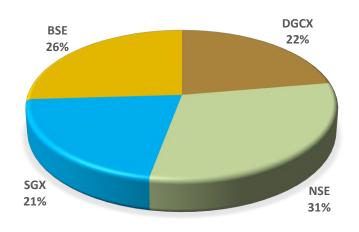
Q-o-Q Volume and Open Interest



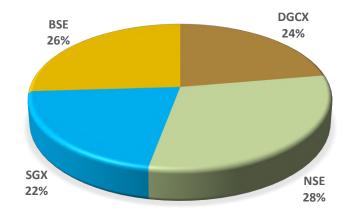
INR Futures – Competitive Landscape

INR/USD Value Market Share Comparison

2018 AVERAGE MARKET SHARE



2019 AVERAGE MARKET SHARE



DGCX Group Ecosystem

Technology

Sophisticated Trading Technology

Co-Lo Facilities

Global Connectivity Solutions

ISV and **QVs**

Products

Generic / Unique

Global Products

Spot /
Derivatives

Membership

Institutional

Retail / SME

Proprietary /
Algo /
Specialist
Firms

Market Participants

Arbitrageurs / Speculators

Investors / Hedgers

MM / LP

Clearing Services

Clearing Bank Network

> Capital Efficiency Tools

Capital Efficient Tools

Clearing and Settlement Systems

Custodians and Depositories

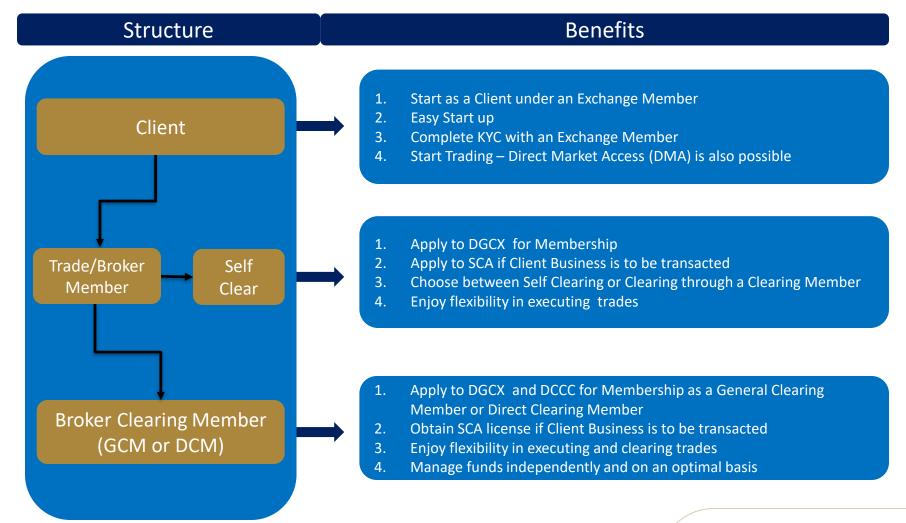
Regulatory Landscape

Regulatory Framework

Ease of Doing Business

Global Passport Arrangements

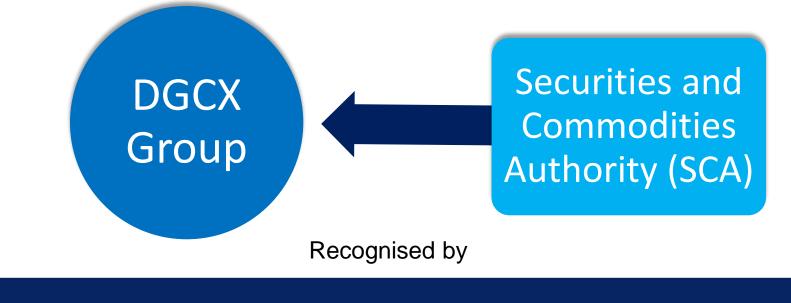
Accessing the DGCX Group



DGCX Group Regulatory Structure

- OGCX and DCCC are SROs (Self Regulated Organizations) regulated by the Securities and Commodities Authority (SCA) of the UAE.
- SCA, a member of IOSCO, is the regulatory authority for the Dubai Financial Market and the Abu Dhabi Securities Market and adheres to the following fundamental objectives:
 - providing the opportunity to invest in commodities serving the interest of the national economy
 - by establishing the basis for sound and just dealings between various investors
- OGCX Compliance Department ensures Members maintain strict adherence to SCA-approved DGCX By-Laws and DCCC rules including:
 - client funds to be maintained in segregated bank accounts by DGCX Broker Members
 - timely collection of margin payments from clients' segregated accounts
 - all Exchange participants are protected from losses arising from these transactions
- SCA licensed DGCX Broker Members are required in accordance with international best standards and code of conduct to:
 - apply robust 'Know Your Customer' (KYC) disclosure procedures to their clients' account opening formalities
 - to conduct business with clients to DGCX in accordance with the international 'Best' code of practice and standards

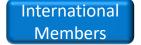
DGCX Group Regulatory Structure



MAS Singapore Europe DFSA UAE ADGM UAE

DGCX Group Business Partners

Regional **Members**



Selected ISVs

Network Service Providers

















































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BSO NETWORK

SOLUTIONS













STELLAR



About the DCCC – Clearing House

Globally Regulated

- 100% Subsidiary of DGCX
- Regulated by the Securities and Commodities Authority (SCA)
- Region's largest Commodities Clearing Corporation
- ESMA (Europe) TC-CCP Recognition
- MAS Recognised Clearing House status (WIP)
- Bank of England Recognised Clearing House status (WIP)
- Recognised by the DFSA and ADGM

Robust Risk Management

- Novation for trades executed on DGCX
- Eliminates Counter-Party Risk
- Upfront Portfolio based margin under CME-Span®
- · Real-time Position and Risk Monitoring
- Settlement Guarantee framework (Default Fund)



Secured Settlement

- Protected payment system through Emirates NBD, SCB and Bank of Baroda
- First CCP SWIFT direct member in MENA
- Member of Euroclear bank and Clearstream for Collateral solutions

International Access

- · Over 60 Clearing members spread globally
- Multi-currency Clearing platform accessible globally
- Capable of Clearing other Exchanges trades including OTC derivatives
- Collateral accepted in USD and AED as well as Bank Guarantees and Fixed Deposits



DCCC statistics at a glance



Contracts valued at USD 871 billion cleared in 2019, with over USD 7.5 trillion since inception



Products delivered so far - Euro, British Pound, Japanese Yen, Canadian Dollar, Australian Dollar, Swiss Franc and Gold



2,148 kg of physical Gold valued at USD 87 million delivered since launch of the DGCX Spot Gold contract in 2016, including Shari'ah-compliant Gold



USD 674 million of MTM Fund Settlement in 2019 (average daily USD 2.6 million)

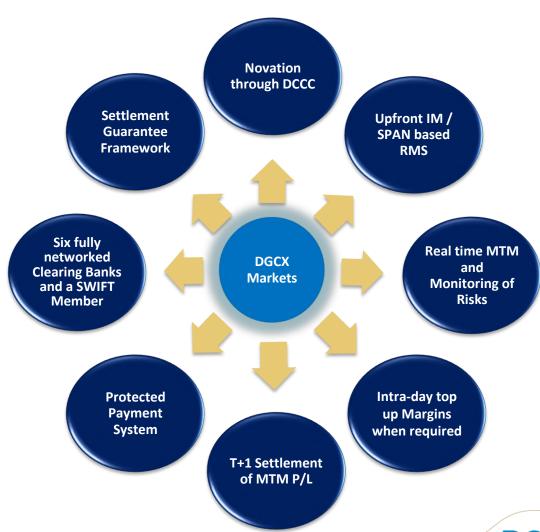


Average Collateral under management USD 139 million in 2019

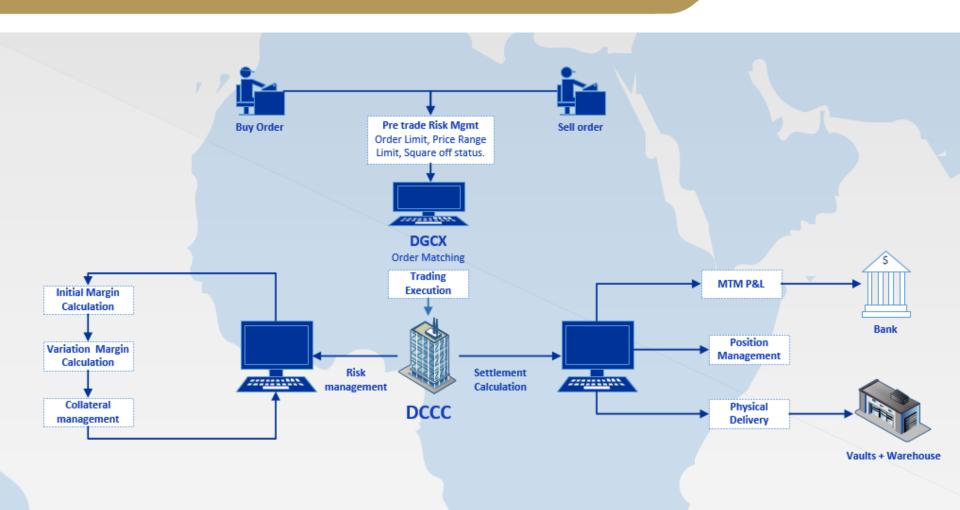


Av. Open Interest over 324,000 contracts, valued at USD 4.3 billion in 2019

DCCC Risk Management Framework



DCCC Process Flow



Key Risk Management tools



DCCC Risk Management Committee is empowered to oversee the entire gambit of DCCC risk polices and procedures and relevant approvals



DCCC sets initial margins based on T+1 gross margining basis. The Margin framework is based on CME SPAN.



DCCC provides various types of margin credit such as Inter-Commodity spread benefits and Intra-Month spread benefits to Clearing Members



Rigorous Stress Testing based on CPMI-IOSCO recommendations. DCCC complies with all recommendations of CPMI-IOSCO



DCCC accepts various types of collaterals which includes cash denominated in USD and AED as well as Bank Guarantees and Fixed Deposits



DGCX is a multi-currency trading platform while DCCC is a multi-currency settlement clearing platform.

DGCX Group Technology









Features and Benefits



RISK MANAGMENT >>>>>>>

POST TRADE

Management





Clearing &

settlement

- State-of-the-Art Matching Engines.
- Superior transaction speed.
- Sophisticated order functionality.
- Wide architecture of trading and clearing services.
- Multi-Asset Solutions.
- Multi-Currency Trading.
- Low-latency, high-throughput trading engine.
- Robust Scila™ surveillance system.

DGCX Group Connectivity Solutions

DGCX offers its customers access to its market data network with the following options that enable reliable, robust, and cost-efficient connectivity:

- Local MPLS (Multi Protocol Label Switching)through Etisalat and DU.
- International Private Leased Circuit (IPLC).
- Global MPLS –through Etisalat, DU and a host of other international service providers.
- Internet via IPSEC VPN or SSL VPN.









DGCX offers a "first in class" Tier 3 Data Centre with colocation facilities:

- Low latency (non blocking) network access.
- Dedicated fully redundant Internet links or access through Global/Local MPLS Network.
- Secured infrastructure.
- Affordable costing.
- Level 1 Remote support available.
- Support of PAAS and IAAS Model.







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