

#### TSI Iron Ore Fines 62% Fe CFR China Futures

Leveraged Access to a Global Commodity and China Story
May 2022

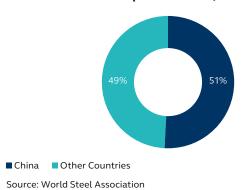
### Market overview

Iron ore is a key steel-making ingredient and an important global commodity. Iron ore derivatives have gained traction amongst physical users, trading firms, banks, funds and individual investors.

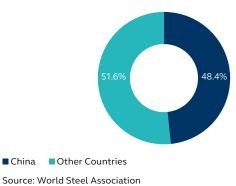
In 2018, China imported 1.064 billion metric tonnes (mt) of iron ore<sup>1</sup> and produced 928 million mt of crude steel<sup>2</sup>, consitituting over half of the world crude steel production<sup>3</sup>. Therefore, the iron ore price is often driven by China's economic performance and policies, reflecting the downstream demand in property, infrastructure, machinery, household appliances and ship building sectors. The high correlation between the prices of iron ore and other ferrous products like rebar, hot-rolled coil, coking coal and coke implies inter-commodity trading opportunities.

As the gateway to China, Hong Kong connects China with the world by providing top-tier professional services from corporate finance, trade finance and logistics to trading and settlements. With the trend of electronic trading, HKEX introduces exchange-traded Iron Ore Futures, aiming to provide a transparent and efficient risk management tool for physical and financial users and offers investors a highly China-relevant underlying for investment.

#### Global crude steel production (2018)



#### Global apparent steel consumption (2017)



## Key features

- · Screen-traded on an exchange for transparency, efficiency and convenience
- Underlying index is the most recognised iron ore benchmark
- · Cash-settled with trading hours that cover major international markets
- · Monthly and quarterly contracts both available
- Block trades provide a means for central clearing of off-market transactions

<sup>&</sup>lt;sup>1</sup> Argus Media, as of 14 Jan 2019

<sup>&</sup>lt;sup>2</sup> Reuters, as of 10 Dec 2018

<sup>&</sup>lt;sup>3</sup> World Steel Association, as of Mar 2019

#### Historical Iron Ore Spot Prices (Based on TSI 62% Fe CFR China Index)

#### USD/tonne 200 150 100 50 0 01/2015 08/2015 01/2008 09/2012 04/2013 11/2013

#### **Market participants**



Source: Market Index

# Overview of contract specifications

TSI Iron Ore Fines 62% Fe CFR China Futures		
Monthly Contracts: FEM	Quarterly Contracts: FEQ	
100 tonnes		
US\$0.01 per tonne		
TSI Iron Ore Fines 62% Fe CFR China Index⁴		
Cash Settled		
Spot Month and the next 23 calendar months	Spot Quarter and the next seven calendar quarters (ie Jan to Mar, Apr to Jun, Jul to Sep, and Oct to Dec)	
T session: 9:00 am – 4:30 pm; T+1 session: 5:15 pm – 3:00 am the next morning <sup>5</sup> (Expiring contract closes at 6:30 pm on LTD) <sup>6</sup>		
The last Trading Day of a calendar month that is not a Singapore public holiday	The Last Trading Day of the last Monthly Contract in the calendar quarter	
Arithmetic average of all Index values published in that Contract Month	Arithmetic average of the Final Settlement Prices of the three corresponding Monthly Contracts in that Contract Quarter	
Usually the second Trading Day after LTD <sup>7</sup>		
Trading Fee: US\$1.00 per contract per side; Settlement fee: US\$1.00 per contract per side <sup>8</sup>		
Minimum 50 lots		
	Monthly Contracts: FEM  100 tonnes  US\$0.01 per tonne  TSI Iron Ore Fines 62% Fe CFR China Index <sup>4</sup> Cash Settled  Spot Month and the next 23 calendar months  T session: 9:00 am – 4:30 pm; T+1 session: 5:15 pm – 3:00 am the next morning <sup>5</sup> (E: The last Trading Day of a calendar month that is not a Singapore public holiday  Arithmetic average of all Index values published in that Contract Month  Usually the second Trading Day after LTD <sup>7</sup> Trading Fee: US\$1.00 per contract per side; Settleme	

<sup>&</sup>lt;sup>4</sup> According to an announcement from Platts on 6 July 2017, TSI62 Index will merge with the Platts IODEX index starting from 2 January 2018. For details, please refer to Platts Subscriber Notes and Methodology and Specifications Guide.



<sup>&</sup>lt;sup>5</sup> Trading hours is extended from 1:00 am to 3:00 am from 17 June 2019.

<sup>6</sup> No trading after 12:30 pm on the Last Trading Day that is the last Trading Day before New Year's Day or the Lunar New Year, and which is also the last day

before New Year's Day or Lunar New Year on which the TSI Iron Ore Fines 62% Fe CFR China Index is published.

<sup>7</sup> Final Settlement Day shall be the first Trading Day after the Last Trading Day if (i) the Last Trading Day is on the last Trading Day before New Year's Day or the Lunar New Year, (ii) the Trading Hours of the Spot Month Contract and the Spot Quarter Contract end at 12:30 pm, and (iii) the day trading session of  $other Contract \, Months \, ends \, at \, 4:30 \, pm. \, For \, further \, details, \, please \, refer \, to \, Regulations \, and \, Contract \, Specifications \, on \, the \, HKEX \, website.$ 

 $<sup>\</sup>ensuremath{^8}$  Fees are subject to change from time to time.

### Information vendor access code

Information Vendors	Monthly Contract	Quarterly Contract
AA Stocks.com Limited	221485	221490
ATPlatform Technology Limited	FEM	FEQ
Bloomberg Finance L.P.	DTSA Comdty	KTSA Comdty
CQG, Inc.	FEM	FEQ
DB Power Online Limited	FEM	FEQ
East Money Information Co. Ltd.	FEM	FEQ
ICE Data Connectivity & Feeds, Inc.	Fn:FEM\MYYDD	Fn:FEQ\MYYDD
Infocast Ltd.	FEM	FEQ
N2N-AFE (Hong Kong) Limited	870821	870822
QuotePower International Ltd.	P11222	P11223
Refinitiv Limited	0#HFEM:	0#HFEQ:
Shanghai Pobo Network Data Information Co., Ltd	FEMm <o e=""></o>	FEQm <o e=""></o>
Shanghai Qianlong Advanced Technology Co Ltd.	259	259
SIX Financial Information Ltd.	FEMmy	FEQmy
Telequote Data International Ltd.	FEMmy	FEQmy
Tele-Trend Ltd.	FMFC, FMmyy	FQFC, FQmyy
Webstock Information Systems Co., Ltd	FEM	FEQ
Wind Information Co., Ltd	FEMF.HK	FEQF.HK
Zhengzhou Esunny Information Technology, Co. Ltd	FEM	FEQ

Should participants have enquiries, please contact HKEXCommodities@hkex.com.hk, or visit HKEX's website.

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