



Fastmarkets Dashboard  
User Guide  
Conversions

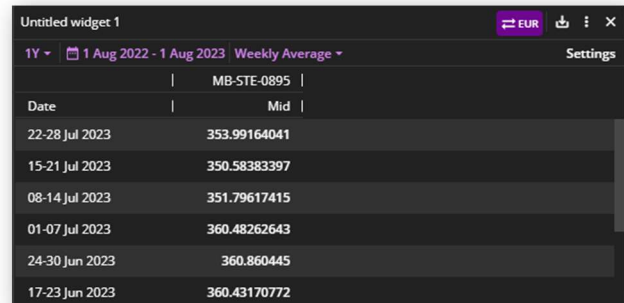
13<sup>th</sup> January 2025

# Table of Contents

INTRODUCTION.....	3
FOREIGN EXCHANGE RATE SOURCE FOR CONVERSION .....	3
ACCESS THE CONVERSION MENU .....	4
CONVERT THE CURRENCY OF PRICES IN WIDGETS.....	4
VIEW CURRENCY RATE USED FOR CONVERSIONS.....	6
FX RATES METHODOLOGY .....	7
CONVERT THE UNIT OF MEASURE OF PRICES IN WIDGETS .....	9
CONVERT BOTH CURRENCY AND UNIT OF MEASURE.....	10
EDIT A CONVERSION .....	10
FURTHER HELP .....	11

## INTRODUCTION

The Dashboard has the capacity to convert the base currency and/or unit of measure for prices so that they can be compared on a like-for-like basis. Currency and unit conversions are available in the Single Price Tile, Multi Price Table, Historic Data Table and Price Chart widgets.



Date	Mid
22-28 Jul 2023	353.99164041
15-21 Jul 2023	350.58383397
08-14 Jul 2023	351.79617415
01-07 Jul 2023	360.48262643
24-30 Jun 2023	360.860445
17-23 Jun 2023	360.43170772

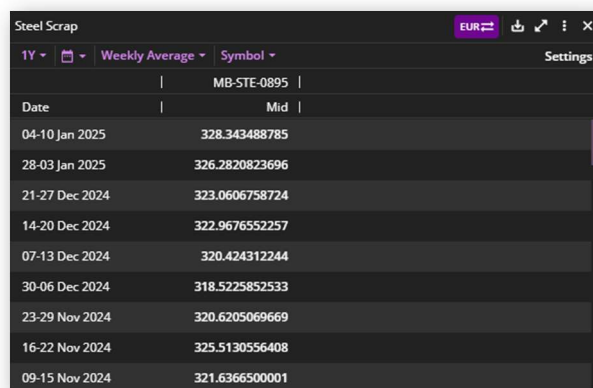
## FOREIGN EXCHANGE RATE SOURCE FOR CONVERSION

The Dashboard uses spot foreign exchange (FX) rates provided by third-party data provider that takes indicative rates from a wide range of FX venues, for current and historical currency conversion.

**Daily** rates on current pricing are provided by NetDania and update intraday (for conversion of published assessments and average prices) on a 30 minute basis until 23:00 UTC using the FX Bid price.

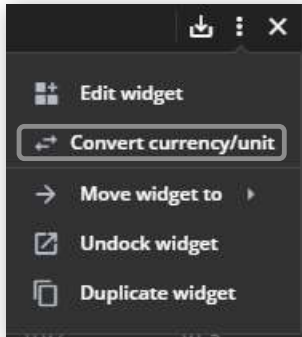
Historical published assessment prices are converted using the end of day conversion FX rate for the **day the price was originally assessed**.

Historical Fastmarkets published averages are converted using the end of day conversion FX rate for the **day the average is published** – for example, weekly average periods for assessments is Saturday to Friday.



Date	Mid
04-10 Jan 2025	328.343488785
28-03 Jan 2025	326.2820823696
21-27 Dec 2024	323.0606758724
14-20 Dec 2024	322.9676552257
07-13 Dec 2024	320.424312244
30-06 Dec 2024	318.5225852533
23-29 Nov 2024	320.6205069669
16-22 Nov 2024	325.5130556408
09-15 Nov 2024	321.6366500001

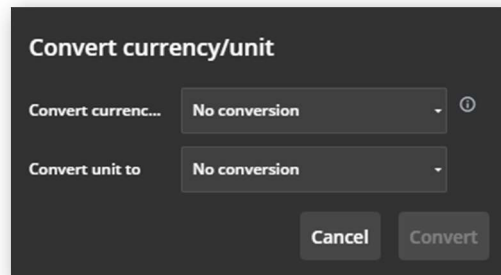
## ACCESS THE CONVERSION MENU



Conversions can be accessed via the widget actions menu, as shown on the left.

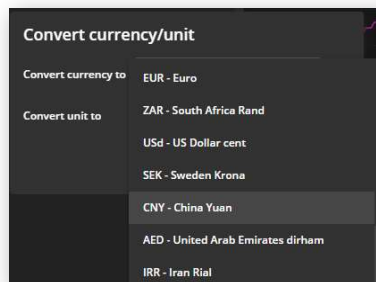
If using widgets where multiple prices are displayed, the Dashboard will convert all prices to the selected currency and/or unit.

Please note currency conversion is not available for any exchange prices or foreign exchange symbols. In this instance the conversion menu will be greyed out.



## CONVERT THE CURRENCY OF PRICES IN WIDGETS

To convert the currency of prices in a widget, click on the “Widget actions” menu, select “Convert currency/unit” and select the currency you require from the top dropdown menu. Then click Convert.



The following example shows a Multi Price Table widget with each of the selected prices displayed in its base currency.

Description	Asses...	Low	Mid	HL...	+/-	Currency	Unit Of Measure
Tungsten APT 88.5% WO3 min Europe, cif Rotterdam duty-free, \$/mtu WO3	01 Nov 2019	225.00	235.00	245.00	0.00	US Dollar	Tonne
Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	30 Oct 2019	232.00	237.50	243.00	-2.50	US Dollar	Tonne
Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	01 Nov 2019	28.30	28.85	29.40	0.00	US Dollar	Kilogram
Ferro-tungsten export, min 75%, fob China, \$/kg W	20 Mar 2019	34.70	35.60	36.50	0.10	US Dollar	Kilogram
Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	30 Oct 2019	89,000.00	90,000.00	91,000.00	-2,000.00	China Yuan	Tonne
Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01 Nov 2019	4.45	4.725	5.00	0.00	US Dollar	Pound
Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	31 Oct 2019	6.30	6.35	6.40	-1.00	US Dollar	Pound
Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	01 Nov 2019	20.50	20.75	21.00	0.00	US Dollar	Kilogram
Ferro-vanadium 78% V min, fob China, \$/kg V	31 Oct 2019	29.00	30.00	31.00	-3.70	US Dollar	Kilogram
Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	31 Oct 2019	10.50	10.75	11.00	-1.50	US Dollar	Pound
Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	01 Nov 2019	9.20	9.30	9.40	-0.50	US Dollar	Pound
Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	01 Nov 2019	9.20	9.30	9.40	-0.50	US Dollar	Pound
Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	31 Oct 2019	9.85	10.025	10.20	-0.10	US Dollar	Pound
Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	01 Nov 2019	20.80	21.10	21.40	-0.40	US Dollar	Kilogram
Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	31 Oct 2019	10.50	10.75	11.00	-0.22	US Dollar	Pound
Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	31 Oct 2019	2.10	2.175	2.25	0.00	US Dollar	Pound
Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	30 Oct 2019	4.10	4.25	4.40	-0.20	US Dollar	Kilogram

After converting all the assessed prices to “China Yuan”, the Multi Price Table clearly displays the currency choice at the top of the widget, and the “Currency” field will change to display the selected currency.

Description	Asses...	Low	Mid	HL...	+/-	Currency	Unit Of Measure
Tungsten APT 88.5% WO3 min Europe, cif Rotterdam duty-free, \$/mtu WO3	01 Nov 2019	1,583.37	1,653.7...	1,724.1...	-7,3872...	China Yuan	Tonne
Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	30 Oct 2019	1,638.80...	1,677.6...	1,716.5...	-20,974...	China Yuan	Tonne
Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	01 Nov 2019	199.15276	203.02...	206.89...	-0,7673...	China Yuan	Kilogram
Ferro-tungsten export, min 75%, fob China, \$/kg W	20 Mar 2019	232.953...	238.99...	245.03...	0,7399...	China Yuan	Kilogram
Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	30 Oct 2019	89,000.00	90,000.00	91,000.00	-2,000.00	China Yuan	Tonne
Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01 Nov 2019	31.31554	33.25077	35.186	-0.1485...	China Yuan	Pound
Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	31 Oct 2019	44.4692...	44.822...	45.175...	-7,5206...	China Yuan	Pound
Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	01 Nov 2019	144.2626	146.0219	147.7812	-0,5519...	China Yuan	Kilogram
Ferro-vanadium 78% V min, fob China, \$/kg V	31 Oct 2019	204.699...	211.75...	218.81...	-26,967...	China Yuan	Kilogram
Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	31 Oct 2019	74.115447	75.880...	77.644...	-10,768...	China Yuan	Pound
Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	01 Nov 2019	64.74224	65.44596	66.14968	-3,7792...	China Yuan	Pound
Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	01 Nov 2019	64.74224	65.44596	66.14968	-3,7792...	China Yuan	Pound
Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	31 Oct 2019	69.5273...	70.762...	71.997...	-1,2088...	China Yuan	Pound
Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	01 Nov 2019	146.37376	148.48...	150.59...	-3,3867...	China Yuan	Kilogram
Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	31 Oct 2019	74.115447	75.880...	77.644...	-1,7500...	China Yuan	Pound
Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	31 Oct 2019	14.8230...	15.352...	15.881...	-0,0320...	China Yuan	Pound
Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	30 Oct 2019	28.9615...	30.021...	31.080...	-1,8281...	China Yuan	Kilogram

## VIEW CURRENCY RATE USED FOR CONVERSIONS

As of January 2<sup>nd</sup> 2025, the underlying FX rates used for converting historic Fastmarkets assessment prices can be viewed in the Historic Price Table widget or Price Chart widget. This is available for all major currency pairs.

Note: if conversions are used prior to 23:00 UTC on the day of the final assessment, the FX rate will continue to update every 30 minutes as outlined above.

Example of assessed price in USD converted to EUR and the FX Rate used:

Assessment in USD

Assessment converted to EUR

FX Rate used

Copper Grade A Shanghai			Copper Grade A Shanghai			FX Rates		
1Y	Actual	Symbol	1Y	Actual	Symbol	1Y	Actual	Symbol
		MB-CU-0403			MB-CU-0403			XO-EURUSD-T
Date		Mid	Date		Mid	Date		Close Bid
09 Jan 2025		60.00	09 Jan 2025		58.27279437	09 Jan 2025		1.02964
08 Jan 2025		60.00	08 Jan 2025		58.17730503	08 Jan 2025		1.03133
07 Jan 2025		60.00	07 Jan 2025		58.019223702	07 Jan 2025		1.03414

The physically assessed price Copper Grade A Shanghai can be converted from US dollars to Euros using the Currency Conversion tool in the widget:

- Base Price: \$60
- Converted Price in Euros: € 58.27279437
- Inferred FX rate:  $\$60/58.272794=1.02964$  as per the FX rate symbol

View the corresponding FX rate by searching for the relevant FX symbol (e.g. XO-EURUSD-T) and selecting the **Close Bid** field.

FX Rates		
1Y	Actual	Symbol
		XO-EURUSD-T
Date		Close Bid
09 Jan 2025		1.02964
08 Jan 2025		1.03133
07 Jan 2025		1.03414
06 Jan 2025		1.03821
03 Jan 2025		1.03055
02 Jan 2025		1.02678
01 Jan 2025		1.03506
31 Dec 2024		1.03523
30 Dec 2024		1.04057
27 Dec 2024		1.0416
26 Dec 2024		1.04217
25 Dec 2024		1.0399
24 Dec 2024		1.03886
23 Dec 2024		1.04039
20 Dec 2024		1.0419

## FX RATES METHODOLOGY

The Currency Conversion tool uses two methodologies to convert a currency, depending on whether it is a “liquid” market pairing or not:

1. **Using Market Convention rates** – Fastmarkets uses the most liquid currency pair for conversions, which aligns to standard FX market pair quotations. For example, the most liquid and standard market-conversion rate for US Dollars to Euros uses the EUR/USD rate and not USD/EUR eg symbol XO-EURUSD-T. (In FX markets its possible to quote the FX rate both ways around, Fastmarkets is only using the most liquid FX rate for conversions).
2. **Using triangulation for all other rates** – in instances where a more illiquid FX pair is required, Fastmarkets triangulates the currency conversion from the most liquid FX rates to any **other** requested currency conversion. The FX rate shown in the Dashboard screen may therefore display a slight difference to the currency conversion rate used. See the example below where a Fastmarkets assessment price is converted from Malaysian Ringgit to Euros. Example of triangulation:

Assessment in MYR

Crude Palm Oil	
1Y	Actual
Date	Mid
13 Jan 2025	4,835.00
10 Jan 2025	4,730.00
09 Jan 2025	4,650.00

Assessment converted to EUR

Crude Palm Oil	
1Y	Actual
Date	Mid
13 Jan 2025	1,051.4728424755
10 Jan 2025	1,027.64009326
09 Jan 2025	1,003.587013995

The physically assessed price Crude Palm Oil, domestic Malaysia in ringitt/tonne can be converted from Malaysian Ringgit to Euros using the Currency Conversion tool in the widget, note that there isn’t a FX rate in the Dashboard for EURMYR and so triangulation is used:

- Base Price: MYR 4730
- Converted Price in Euros: € 1051.4728424755
- Inferred FX rate:  $\$473/1051.4728424755=0.4498451895238211$

A note on permissions:

- Fastmarkets provides ‘major’ FX rates for free to all Platform customers, as per the list below.

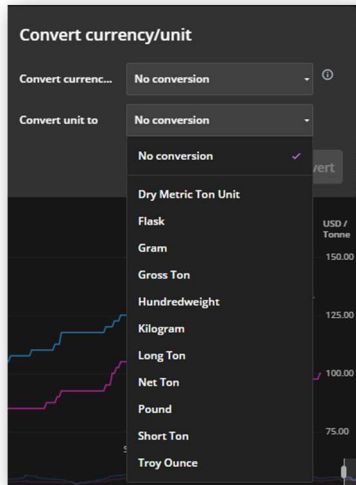
- 'Global' FX rates are only included in the Exchange Data Basic add-on to the Platform, which is fee liable.

The FX spot pairs available to view and which are included in the Platform are:

<b>FX Currency Rate</b>	<b>Symbol</b>
Euro/US dollar - Spot	XO-EURUSD-T
British pound/US dollar - Spot	XO-GBPUSD-T
US dollar/Japanese yen - Spot	XO-USDJPY-T
US dollar/Canadian dollar - Spot	XO-USDCAD-T
US dollar/Russian ruble - Spot	XO-USDRUB-T
US dollar/Indian rupee - Spot	XO-USDINR-T
US dollar/Chinese yuan - Spot	XO-USDCNY-T
US dollar/South African rand - Spot	XO-USDZAR-T
New Zealand dollar/US dollar - Spot	XO-NZDUSD-T
US dollar/Swiss franc - Spot	XO-USDCHF-T
Australian dollar/US dollar - Spot	XO-AUDUSD-T
US dollar/Mexico peso - Spot	XO-USDMXN-T



## CONVERT THE UNIT OF MEASURE OF PRICES IN WIDGETS

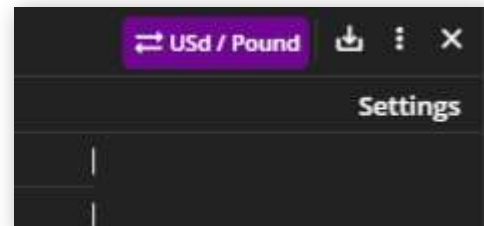
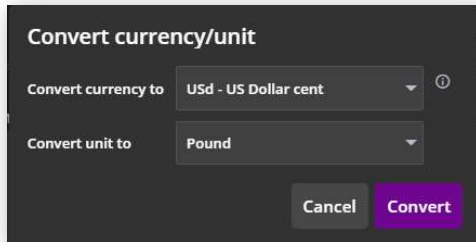


It is also possible to convert the unit of measure using the **Convert currency/unit** dialogue box. Select the unit to which you want to convert by clicking on the dropdown menu. The example on the left shows the unit of measure converted to “Tonne” in the previous Multi Price Table. The Unit of Measure field in the table will display the selected unit, as shown below.

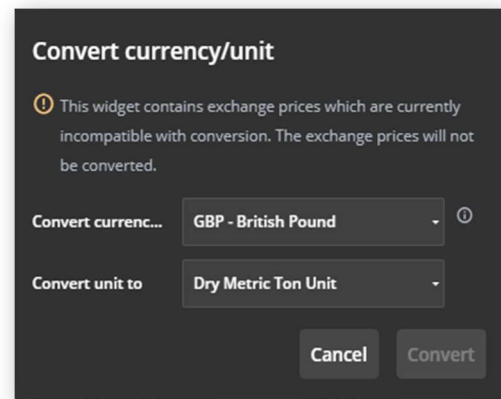
Noble ores and alloys prices								Tonne	Settings
Description	Asses...	Low	Mid	Hi...	±%	Currency	Unit Of Measure		
Tungsten APT 88.5% WO3 min Europe, cif Rotterdam duty-free, \$/mtu WO3	01 Nov 2019	225.00	235.00	245.00	0.00	US Dollar	Tonne		
Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	30 Oct 2019	232.00	237.50	243.00	-2.50	US Dollar	Tonne		
Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	01 Nov 2019	28,300.00	28,850.00	29,400.00	0.00	US Dollar	Tonne		
Ferro-tungsten export, min 75%, fob China, \$/kg W	20 Mar 2019	34,700.00	35,600.00	36,500.00	100.00	US Dollar	Tonne		
Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	30 Oct 2019	89,000.00	90,000.00	91,000.00	-2,000.00	China Yuan	Tonne		
Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01 Nov 2019	9,810.57...	10,416.00	11,023.00	0.00	US Dollar	Tonne		
Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	31 Oct 2019	13,889.1...	13,999.00	14,109.00	-2,314.00	US Dollar	Tonne		
Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	01 Nov 2019	20,500.00	20,750.00	21,000.00	0.00	US Dollar	Tonne		
Ferro-vanadium 78% V min, fob China, \$/kg V	31 Oct 2019	29,000.00	30,000.00	31,000.00	-3,750.00	US Dollar	Tonne		
Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	31 Oct 2019	23,148.5...	23,699.00	24,250.00	-3,306.00	US Dollar	Tonne		
Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	01 Nov 2019	20,282.5...	20,502.00	20,723.00	-1,102.00	US Dollar	Tonne		
Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	01 Nov 2019	20,282.5...	20,502.00	20,723.00	-1,102.00	US Dollar	Tonne		
Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	31 Oct 2019	21,715.5...	22,101.00	22,487.00	-330.69...	US Dollar	Tonne		
Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	01 Nov 2019	20,800.00	21,100.00	21,400.00	-400.00	US Dollar	Tonne		
Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	31 Oct 2019	23,148.5...	23,699.00	24,250.00	-496.04...	US Dollar	Tonne		
Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	31 Oct 2019	4,629.70...	4,795.00	4,960.40	0.00	US Dollar	Tonne		
Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	30 Oct 2019	4,100.00	4,250.00	4,400.00	-250.00	US Dollar	Tonne		

## CONVERT BOTH CURRENCY AND UNIT OF MEASURE

To convert both currency and unit of measure for a group of prices in a widget, make selections from both dropdown menus and click Convert. Prices will be shown in a single unit; the “Currency” and “Unit of Measure” fields will reflect the conversion.



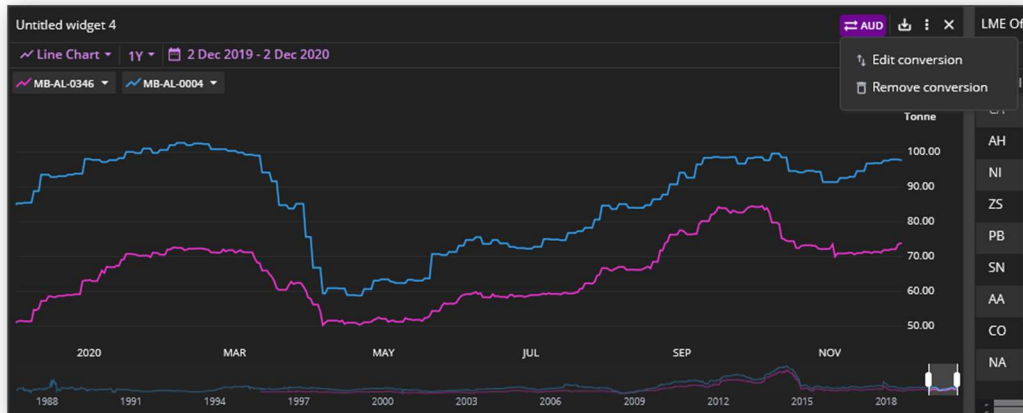
Please note that it is not currently possible to change the currency/unit of choice for an exchange price in a widget. An error message is displayed if you try to do so. The exchange price stays in the base currency – only the physical price is converted.



## EDIT A CONVERSION

To change a widget that has already been converted, click the purple currency button at the top of the widget. From the drop-down display, it is possible to choose whether to edit the current

conversion or remove the conversion completely.



## FURTHER HELP

If after reading these instructions you have further questions about how to use the Fastmarkets Dashboard, please contact our Customer Success teams or for access/order queries our Client Services team:

- **Europe, Middle East and Africa: +44 20 3855 5581**
- **Asia: +65 31 633 458**
- **Americas: +1 708 329 2641**
- **Customer Success Email: [customersuccess@fastmarkets.com](mailto:customersuccess@fastmarkets.com)**
- **Client Services Email: [client.services@fastmarkets.com](mailto:client.services@fastmarkets.com)**