

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS
AS OF 23.11.2022**
BASE METALS
OFFICIAL BASE METALS PRICES
LONDON METAL EXCHANGE [USD/mt]
(LME OFFICIAL PRICES)

| | Cash settlement | Monthly average settlement | Annual average settlement | 3-month settlement |
|-----------|-----------------|----------------------------|---------------------------|--------------------|
| Cu | 7 962,00 | 8 023,47 | 8 851,53 | 8 000,00 |
| Sn | 21 995,00 | 20 710,29 | 32 040,13 | 21 995,00 |
| Pb | 2 082,00 | 2 090,03 | 2 145,08 | 2 096,00 |
| Zn | 2 892,00 | 2 920,12 | 3 521,30 | 2 902,00 |
| Al | 2 364,00 | 2 331,88 | 2 738,35 | 2 391,00 |
| Ni | 25 900,00 | 25 052,35 | 25 309,27 | 25 925,00 |
| Co | 51 495,00 | 51 507,65 | 64 936,55 | 51 955,00 |
| Mo | 19,38 | 18,94 | 17,99 | 20,02 |

BASE METALS STOCKS
LME WAREHOUSES
(LME WAREHOUSE STOCKS)

| | tonnes | daily change |
|-----------|-----------------|-------------------------------|
| Cu | 91 525 ↓ | decrease of 350 tonnes |
| Sn | 3 305 ↓ | decrease of 25 tonnes |
| Pb | 27 575 ↓ | decrease of 800 tonnes |
| Zn | 41 975 ↓ | decrease of 100 tonnes |
| Al | 513 275 ↓ | decrease of 3 800 tonnes |
| Ni | 50 778 ↑ | increase of 978 tonnes |
| Co | 165 → | no changes |

source: LME/Platts; prices in USD/lb
Official copper stocks ex LME
COMEX: 34 107 ↓ decrease of 272 tonnes
SHFE: 85 817 → no changes

Total official copper stocks (LME, COMEX & SHFE)

211 449 ↓ decrease of 622 tonnes

PRECIOUS METALS
OFFICIAL PRECIOUS METALS PRICES ON LONDON BULLION MARKET
(LBMA/LME)

SILVER

| | Cash price | Monthly average | Annual average |
|--------------|----------------|-----------------|----------------|
| [US\$/troz] | 2126,50 | 2086,35 | 2160,18 |
| [USD/kg] | 683,69 | 670,78 | 694,51 |
| [EUR\$/troz] | 2061,00 | 2058,24 | 2047,55 |
| [EUR/kg] | 662,63 | 661,74 | 658,30 |

GOLD [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1735,75 | 1716,00 | 1802,35 |
| PM FIX | 1740,15 | 1718,93 | 1801,43 |

PLATINUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 997,00 | 986,76 | 956,13 |
| PM FIX | 982,00 | 986,65 | 955,83 |

PALLADIUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1883,00 | 1931,35 | 2143,49 |
| PM FIX | 1880,00 | 1926,35 | 2140,23 |

OFFICIAL FX AND INTEREST RATES
OFFICIAL FX RATES
NATIONAL BANK OF POLAND
(NBP FIXING)

| | Fixing | Monthly average | Annual average |
|------------|--------|-----------------|----------------|
| USD | 4,5480 | 4,6355 | 4,4639 |
| EUR | 4,6958 | 4,6992 | 4,6881 |
| GBP | 5,4205 | 5,3945 | 5,5108 |

LONDON METAL EXCHANGE
(LME SETTLEMENT RATES)

| | Cash price | Monthly average | Annual average |
|------------|------------|-----------------|----------------|
| EUR | 1,0323 | 1,0142 | 1,0524 |
| 1/€ | 0,96871 | 0,98600 | 0,95021 |
| GBP | 1,1942 | 1,1647 | 1,2379 |
| 1/£ | 0,83738 | 0,85859 | 0,80782 |

EUROPEAN CENTRAL BANK
(ECB FIXING)

| | Fixing | Monthly average | Annual average |
|------------|---------|-----------------|----------------|
| EUR | 1,0325 | 1,0143 | 1,0528 |
| 1/€ | 0,96852 | 0,98590 | 0,94985 |

OFFICIAL INTEREST RATES
AS OF 23.11.2022*

| | Fixing | Monthly average | Annual average |
|-------------------|--------|-----------------|----------------|
| WIBOR 1M | 6,9800 | 7,0560 | 5,5203 |
| WIBOR 3M | 7,3400 | 7,4713 | 5,9323 |
| LIBOR 1M | 4,0161 | 3,9034 | 1,6566 |
| LIBOR 3M | 4,6987 | 4,6201 | 2,1452 |
| EURIBOR 1M | 1,4180 | 1,4041 | -0,0840 |
| EURIBOR 3M | 1,8630 | 1,7891 | 0,1577 |

*Libor quotes as of 22.11.2022; averages as of 11/22
*Euribor quotes as of 22.11.2022; averages as of 11/22
BANK OF CANADA
(Daily Noon Exchange Rate)

| | Fixing | Monthly average | Annual average |
|---------------|--------|-----------------|----------------|
| USDCAD | 1,3392 | 1,3448 | 1,2951 |

Bloomberg Fix (BFIK)
(Bloomberg)

| | Fixing | Monthly average | Annual average |
|---------------|---------|-----------------|----------------|
| EURUSD | 1,0322 | 1,0140 | 1,0528 |
| 1/€ | 0,96880 | 0,98619 | 0,94985 |

In case of questions, comments or remarks
please feel free to contact us: marketrisk@kgmh.com