

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS  
AS OF 28.11.2016**
**BASE METALS**
**OFFICIAL BASE METALS PRICES**  
LONDON METAL EXCHANGE [USD/mt]  
(LME OFFICIAL PRICES)

|           | Cash<br>settlement | Monthly average<br>settlement | Annual average<br>settlement | 3-month<br>settlement |
|-----------|--------------------|-------------------------------|------------------------------|-----------------------|
| <b>Cu</b> | <b>5 935,50</b>    | <b>5 411,68</b>               | <b>4 785,24</b>              | <b>5 950,00</b>       |
| <b>Sn</b> | 21 350,00          | 21 228,50                     | 17 693,40                    | 21 055,00             |
| <b>Pb</b> | 2 466,00           | 2 157,28                      | 1 835,95                     | 2 472,00              |
| <b>Zn</b> | 2 907,00           | 2 546,93                      | 2 038,79                     | 2 911,00              |
| <b>Al</b> | 1 766,50           | 1 736,60                      | 1 592,98                     | 1 769,00              |
| <b>Ni</b> | 11 680,00          | 11 144,00                     | 9 473,90                     | 11 730,00             |
| <b>Mo</b> | 15 250,00          | 15 250,00                     | 14 376,62                    | 15 250,00             |
| <b>Co</b> | 29 750,00          | 29 422,50                     | 25 085,17                    | 29 750,00             |

**BASE METALS STOCKS**  
LME WAREHOUSES  
(LME WAREHOUSE STOCKS)

|           | tonnes         | daily change                      |
|-----------|----------------|-----------------------------------|
| <b>Cu</b> | <b>234 250</b> | <b>↓ decrease of 2 950 tonnes</b> |
| <b>Sn</b> | 3 070          | ↓ decrease of 25 tonnes           |
| <b>Pb</b> | 187 825        | ⇒ no changes                      |
| <b>Zn</b> | 442 825        | ↓ decrease of 225 tonnes          |
| <b>Al</b> | 2 158 275      | ↑ increase of 26 525 tonnes       |
| <b>Ni</b> | 367 008        | ↓ decrease of 714 tonnes          |
| <b>Mo</b> | 0              | ⇒ no changes                      |
| <b>Co</b> | 587            | ⇒ no changes                      |

**Official copper stocks ex LME**
**COMEX:** 69 685 ↑ increase of 411 tonnes

**SHFE:** 144 063 ⇒ no changes

**Total official copper stocks (LME, COMEX & SHFE)**

447 998 ↓ decrease of 2 539 tonnes

**PRECIOUS METALS**
**OFFICIAL PRECIOUS METALS PRICES ON LONDON BULLION MARKET**  
(LBMA)

| <b>SILVER</b> |                |                    |                   | <b>GOLD [USD/troz]</b> |               |                    |                   |
|---------------|----------------|--------------------|-------------------|------------------------|---------------|--------------------|-------------------|
|               | Cash<br>price  | Monthly<br>average | Annual<br>average |                        | Cash<br>price | Monthly<br>average | Annual<br>average |
| [US\$/troz]   | <b>1668,00</b> | <b>1749,65</b>     | <b>1720,79</b>    | AM FIX                 | 1189,10       | 1245,59            | 1258,84           |
| [USD/kg]      | 536,27         | 562,53             | 553,25            | PM FIX                 | 1187,00       | 1241,35            | 1259,14           |
| [EUR€/troz]   | <b>1572,84</b> | <b>1615,38</b>     | <b>1547,20</b>    |                        |               |                    |                   |
| [EUR/kg]      | 505,68         | 519,36             | 497,44            |                        |               |                    |                   |

  

| <b>PLATINUM [USD/troz]</b> |               |                    |                   | <b>PALLADIUM [USD/troz]</b> |               |                    |                   |
|----------------------------|---------------|--------------------|-------------------|-----------------------------|---------------|--------------------|-------------------|
|                            | Cash<br>price | Monthly<br>average | Annual<br>average |                             | Cash<br>price | Monthly<br>average | Annual<br>average |
| AM FIX                     | 916,00        | 958,05             | 995,28            | AM FIX                      | 751,00        | 686,90             | 603,43            |
| PM FIX                     | 911,00        | 956,75             | 994,69            | PM FIX                      | 749,00        | 690,60             | 604,77            |

**OFFICIAL FX AND INTEREST RATES**
**OFFICIAL FX RATES**

| <b>NATIONAL BANK OF POLAND</b><br>(NBP FIXING) |        |                    |                   | <b>LONDON METAL EXCHANGE</b><br>(LME SETTLEMENT RATES) |               |                    |                   | <b>EUROPEAN CENTRAL BANK</b><br>(ECB FIXING) |         |                    |                   |
|--|--------|--------------------|-------------------|--|---------------|--------------------|-------------------|--|---------|--------------------|-------------------|
|  | Fixing | Monthly<br>average | Annual<br>average |  | Cash<br>price | Monthly<br>average | Annual<br>average |  | Fixing  | Monthly<br>average | Annual<br>average |
| <b>USD</b>                                     | 4,1521 | 4,0582             | 3,9177            | <b>EUR</b>   | 1,0582        | 1,0816             | 1,1118            | <b>EUR</b>                                   | 1,0588  | 1,0818             | 1,1120            |
| <b>EUR</b>                                     | 4,4190 | 4,3859             | 4,3563            | <b>1/€</b>   | 0,94500       | 0,92456            | 0,89944           | <b>1/€</b>                                   | 0,94447 | 0,92439            | 0,89928           |
| <b>GBP</b>                                     | 5,1654 | 5,0396             | 5,3499            | <b>GBP</b>   | 1,2393        | 1,2427             | 1,3648            |  |         |                    |                   |
|  |        |                    |                   | <b>1/£</b>   | 0,80691       | 0,80470            | 0,73271           |  |         |                    |                   |

**OFFICIAL INTEREST RATES**

AS OF 28.11.2016\*

|                   | Fixing  | Monthly<br>average | Annual<br>average |
|-------------------|---------|--------------------|-------------------|
| <b>WIBOR 1M</b>   | 1,6600  | 1,6600             | 1,6179            |
| <b>WIBOR 3M</b>   | 1,7300  | 1,7272             | 1,6975            |
| <b>LIBOR 1M</b>   | 0,6059  | 0,5549             | 0,4757            |
| <b>LIBOR 3M</b>   | 0,9373  | 0,9045             | 0,7219            |
| <b>EURIBOR 1M</b> | -0,3730 | -0,3728            | -0,3349           |
| <b>EURIBOR 3M</b> | -0,3140 | -0,3125            | -0,2595           |

\*Libor i Euribor quotes as of 25.11.2016; averages as of 11/16

**BANK OF CANADA**

(Daily Noon Exchange Rate)

|               | Fixing | Monthly<br>average | Annual<br>average |
|---------------|--------|--------------------|-------------------|
| <b>USDCAD</b> | 1,3401 | 1,3439             | 1,3239            |

**Bloomberg Fix (BFI)**

(Bloomberg)

|               | Fixing  | Monthly<br>average | Annual<br>average |
|---------------|---------|--------------------|-------------------|
| <b>EURUSD</b> | 1,0586  | 1,0819             | 1,1120            |
| <b>1/€</b>    | 0,94464 | 0,92430            | 0,89928           |