## Press release

16 October 2017

## Q3 2017 NLMK GROUP TRADING UPDATE*

In Q3 2017, steel output increased by $6 \%$ qoq to 4.4 mt (+8\% yoy); capacity utilization rate increased to $100 \%$. NLMK Group sales grew by $1 \%$ qoq and yoy to 4.24 mt .

## Q3 2017 highlights:

- Steel output grew to 4.4 mt (+6\% qoq and $+8 \%$ yoy) due to increased output at NLMK's Russian divisions driven by the seasonal uptick in demand in the Russian market.
- Group sales grew by $1 \%$ (qoq and yoy) to 4.24 mt . Key growth factors: seasonal growth in demand in the Russian market and improved conditions in the global market.
- NLMK Group sales in its 'home markets' hit an all-time high of $2.87 \mathrm{mt}(+7 \% \mathrm{qoq})$ due to the $+21 \%$ qoq (+5\% yoy) growth of sales in Russia. The share of NLMK Group sales in 'home markets' grew to $67 \%$ (+3 p.p. qoq and +3 p.p. yoy).


## NLMK Group's Q3 2017 operating performance

Growth of steel output* $+6 \%$ qoq and $+8 \%$ yoy due to the increase in output at NLMK Lipetsk against a backdrop of the growth in demand in Russia and in international markets. NLMK Group's steelmaking capacity utilization rate gained 2 p.p. to $100 \%$.

Growth of sales** $+1 \%$ qoq and yoy, supported by the increase in sales in Russia (+21\% qoq) against a backdrop of seasonally stronger activity of local customers, and higher exports of semis.

Sales breakdown: Sales of semi-finished products grew to 1.46 mt ( $+16 \%$ qoq, $+1 \%$ yoy), due mainly to the increase in pig iron exports to 0.17 mt ( 3 x qoq, $+67 \%$ yoy) on better economics; and higher slab sales to pipe and tube manufacturers in Russia (+17\% qoq and -1\% yoy).

Finished product sales decreased by $5 \%$ qoq to 2.78 m t (flat yoy), due to the Q2 high base effect, and growth in semis sales. The share of finished products in total sales decreased to 66\% (-4 p.p. qoq, flat yoy).

Slab deliveries to subsidiaries and affiliates (NBH) accounted for $56 \%$ of total slab sales by NLMK Lipetsk, the $25 \%$ qoq (-6\% yoy) drop to 0.96 m t being associated with inventory normalization.

Sales in home markets* in Q3 hit an all-time high at 2.87 m t (+7\% qoq and $+7 \%$ yoy), supported by stable demand from pipe and tube, machine-building and "white goods" sectors in Russia. The share of 'home' sales grew to $67 \%$ (+3 p.p. qoq and +3 p.p. yoy).

Sales in external markets* totaled 1.44 m t (-3\% qoq, $-4 \%$ yoy), their share in total sales decreasing to $33 \%$.

* Including NBH.
** Excluding NBH.


## Steel output*, m t



Sales by market*, mt


## Price trends:

Average raw material prices in the global market were higher compared to the previous quarter, with a downward trend starting from mid-Q3:

- Global coal prices climbed 7\% qoq (+37\% yoy).
- Iron ore prices grew by $13.1 \%$ qoq (+22\% yoy).


## Average steel product prices:

- Steel product prices in the US grew by $1.5 \%$ qoq (+2-8\% yoy).
- In the EU, average prices gained 5-8\% qoq (+24-28\% yoy), despite the low season.
- The Russian market saw diverse price trends: average flat steel prices in dollar terms fell by 5-6\% qoq (+3-12\% yoy), while rebar prices increased by 6\% qoq (+8\% yoy).
- Export prices (FOB Black Sea) grew by 10-20\% qoq (+39-43\% yoy).


## SEGMENTAL PERFORMANCE

## NLMK RUSSIA FLAT PRODUCTS ${ }^{1}$

Steel output at NLMK Lipetsk grew to 3.36 mt (+7\% qoq and $+6 \%$ yoy) with maintenance completed in Q2, and driven by increased equipment productivity.

Growth of sales $+3 \%$ qoq to 3.43 mt ( $+4 \%$ yoy) against a backdrop of stronger demand from the construction, railway car manufacturing and "white goods" sectors, the increase in pig iron export, and slab sales to the pipe and tube sector in the local market.

Sales breakdown: the drop in finished product sales (-4\% qoq, $-1 \%$ yoy) was due to the build-up of HRC stock for further processing ahead of major repairs at Mill-2000 in Q4, and the recognition of a part of NLMK Lipetsk deliveries being carried over to the next quarter. Strong demand for semis in export markets and in Russia (pipe and tube sector) drove third party slab sales to 0.75 mt (+92\% qoq, $+21 \%$ yoy), and pig iron exports to $0.17 \mathrm{mt}(+226 \%$ qoq). Slab sales to Group companies and NBH dropped to 0.96 m t (-25\% qoq and -6\% yoy) as they were normalizing stocks.

Sales of high value added products grew by $3 \%$ qoq (+6\% yoy) to 0.9 m t .

Sales markets: The seasonal uptick in demand and the decrease in flat steel consumer stocks drove sales in Russia up to 1.36 m t ( $+40 \%$ qoq, $+17 \%$ yoy), with Russian sales accounting for $40 \%$ of total Segment sales (+11 p.p. qoq and +5 p.p. yoy). Export deliveries (w/o intragroup sales) gained 3\%.


Sales by market, m t

| 3.30 | 3.33 | 3.43 |
| :---: | :---: | :---: |
| 1.02 | 1.27 | 0.96 |
| 1.12 | 1.08 | 1.11 |
| 1.16 | 0.98 | 1.36 |
| Q3 2016 | Q2 2017 | Q3 2017 |
| $\square$ Slabs to Group companies \& NBH$\square$ Export markets |  |  |

[^0]
## NLMK RUSSIA LONG PRODUCTS²

Steel output increased to 0.86 mt (+ $8 \%$ qoq and $+11 \%$ yoy) due to the Segment's restocking of finished steel against a backdrop of higher sales in Q2.

Sales were down by $21 \%$ qoq ( $-15 \%$ yoy) to 0.74 mt , due to the high base effect of Q2 (with sales reaching an all-time high of 0.94 m t ) and less intensive purchasing by trading companies ahead of the construction season wind-down.

Sales breakdown: Russian sales were down by $16 \%$ qoq to $0.44 \mathrm{~m} \quad(-20 \%$ yoy), to $59 \%$ of sales (+4 p.p. qoq and -4 p.p. yoy). Export sales dropped to 0.3 mt (-28\% qoq and $-7 \%$ yoy) against a backdrop of lower billet sales. Key export destinations were the Middle East (including Turkey) and North Africa.

Scrap: Scrap sales increased by $8 \%$ qoq (+9\% yoy) to 1.45 m t against a backdrop of stronger demand from NLMK Group companies (intragroup sales accounting for 99\%).

## Sales breakdown, m t



Sales by market, m t


[^1]
## MINING AND PROCESSING OF RAW MATERIALS

Iron ore output was down by $3 \%$ qoq (flat yoy) due to planned High Pressure Grinding Rolls installation as part of the project aimed at increasing beneficiation plant productivity by 800,000 t per year (see press release).

Pellet output increased to $1.66 \mathrm{mt}(+3 \%$ qoq), in line with the plan.

Iron ore sales totaled 4.39 m t (flat qoq and $-5 \%$ yoy), including pellet sales of 1.68 mt (+ $6 \%$ qoq).

Sales breakdown: 100\% of Stoilensky's products in Q3 2017 were supplied to NLMK Lipetsk site.

## Sales breakdown, m t



## Sales by destination, mt



## NLMK USA ${ }^{3}$

Crude steel output decreased by $5 \%$ qoq to 0.15 m t (+41\% yoy), due to increased use of Lipetsk slabs stocks.

Finished steel output increased by $5 \%$ qoq to 0.57 m t (+37\% yoy) driven by finished product restocking in Q3 and stable demand in the local market.

Sales increased by $2 \%$ qoq to 0.57 mt (+28\% yoy) driven by high demand in the local market, including from oil \& gas pipe manufacturers.

Slab supplies from NLMK Lipetsk were down by $18 \%$ qoq to 0.45 mt (+21\% yoy), driven by the levelling out of semis stocks.
${ }^{3}$ NLMK USA includes NLMK Indiana, NLMK Pennsylvania, and Sharon Coating. Data for NLMK USA is presented in metric tonnes.

## NLMK DANSTEEL

Thick plate sales were down by $5 \%$ qoq ( $+10 \%$ yoy) due to the seasonal weakening of demand in the European market.

NLMK USA sales, m t



## ASSOCIATED COMPANIES - NLMK Belgium Holdings (NBH) ${ }^{4}$

NBH sales were down by $20 \%$ qoq to 0.45 mt ( $-8 \%$ yoy) due to the seasonal slowdown in demand, and intensified competition with imports from Turkey, India and S. Korea in the European market.

Flat steel sales decreased to 0.29 mt (-19\% qoq and $-11 \%$ yoy).

Thick plate and ingot sales dropped by $21 \%$ qoq to 0.16 mt .

Slab supplies from NLMK Lipetsk in Q3 2017 totalled 0.39 m t (-34\% qoq and -26\% yoy) to ensure optimal inventory levels.


[^2]Note: All figures from the diagrams can be found in the tables in the Appendix. They can also be downloaded as a separate Excel file.

Appendices
Appendix 1. NLMK Group operating highlights

| Production, m t | $\begin{gathered} \text { Q3 } \\ 2017 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \\ \hline \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \\ \hline \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Crude steel production (without NBH) | 4.363 | 4.082 | 7\% | 4.044 | 8\% | 12.597 | 12.266 | 3\% |
| Crude steel production (with NBH) | 4.406 | 4.144 | 6\% | 4.092 | 8\% | 12.761 | 12.418 | 3\% |
| Capacity utilization | 100\% | 98\% | +2 p.p. | 95\% | +5 p.p. | 98\% | 95\% | +3 p.p. |
| Sales, m t |  |  |  |  |  |  |  |  |
| Semi-finished steel ${ }^{5}$ | 1.461 | 1.257 | 16\% | 1.443 | 1\% | 3.953 | 4.362 | -9\% |
| Finished steel | 2.784 | 2.939 | -5\% | 2.777 | 0\% | 8.161 | 7.928 | 3\% |
| Flat | 2.197 | 2.229 | -1\% | 2.101 | 5\% | 6.451 | 6.269 | 3\% |
| Longs and metalware | 0.587 | 0.710 | -17\% | 0.676 | -13\% | 1.710 | 1.658 | 3\% |
| Total consolidated sales | 4.245 | 4.195 | 1\% | 4.220 | 1\% | 12.114 | 12.290 | -1\% |
| Sales to home markets of the Group ${ }^{6}$ | 67\% | 64\% | +3 p.p. | 64\% | +3 p.p. | 64\% | 64\% | 0 p.p. |
| Sales to external markets | 33\% | 36\% | -3 p.p. | 36\% | -3 p.p. | 36\% | 36\% | 0 p.p. |
| For reference: slab sales to foreign subsidiaries and affiliates | 0.958 | 1.270 | -25\% | 1.015 | -6\% | 3.408 | 3.044 | 12\% |
| Segment sales |  |  |  |  |  |  |  |  |
| NLMK Russia Flat Products | 3.431 | 3.328 | 3\% | 3.302 | 4\% | 9.828 | 9.795 | 0\% |
| NLMK Russia Long Products | 0.735 | 0.935 | -21\% | 0.869 | -15\% | 2.143 | 2.129 | 1\% |
| Mining and Processing of Raw Materials | 4.387 | 4.392 | 0\% | 4.636 | -5\% | 12.906 | 12.928 | 0\% |
| NLMK USA | 0.568 | 0.559 | 2\% | 0.444 | 28\% | 1.689 | 1.435 | 18\% |
| Dansteel | 0.107 | 0.112 | -5\% | 0.097 | 10\% | 0.353 | 0.359 | -2\% |
| For reference: NBH sales | 0.447 | 0.556 | -20\% | 0.488 | -8\% | 1.602 | 1.629 | -2\% |

${ }^{5}$ Including commercial pig iron, slabs and billets
${ }^{6}$ Home markets: Russia for the Russian assets of NLMK Group, North America for NLMK USA and the EU market for NLMK Dansteel and NBH

## Appendix 2. NLMK Russia Flat Products sales by product

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 M \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pig iron | 0.178 | 0.059 | > 100\% | 0.105 | 69\% | 0.292 | 0.349 | -16\% |
| Slabs incl. | 1.706 | 1.659 | 3\% | 1.632 | 5\% | 5.016 | 4.963 | 1\% |
| Slab sales to foreign subsidiaries and affiliates | 0.958 | 1.270 | -25\% | 1.015 | -6\% | 3.408 | 3.044 | 12\% |
| to NLMK USA, NLMK Dansteel | 0.572 | 0.688 | -17\% | 0.492 | 16\% | 1.793 | 1.403 | 28\% |
| to NBH | 0.386 | 0.582 | -34\% | 0.523 | -26\% | 1.615 | 1.642 | -2\% |
| Hot-rolled steel | 0.662 | 0.751 | -12\% | 0.730 | -9\% | 2.064 | 2.095 | -2\% |
| Cold-rolled steel | 0.397 | 0.438 | -9\% | 0.387 | 3\% | 1.189 | 1.180 | 1\% |
| Galvanized steel | 0.228 | 0.165 | 38\% | 0.175 | 30\% | 0.538 | 0.458 | 17\% |
| Pre-painted steel | 0.133 | 0.102 | 31\% | 0.138 | -3\% | 0.310 | 0.348 | -11\% |
| Dynamo steel | 0.062 | 0.087 | -29\% | 0.079 | -22\% | 0.231 | 0.211 | 10\% |
| Transformer steel | 0.065 | 0.066 | -2\% | 0.055 | 17\% | 0.187 | 0.191 | -2\% |
| incl. VIZ-Steel | 0.041 | 0.040 | 1\% | 0.038 | 6\% | 0.117 | 0.122 | -4\% |
| Total products | 3.431 | 3.328 | 3\% | 3.302 | 4\% | 9.828 | 9.795 | 0\% |
| Coke sales from Altai-Koks | 1.029 | 1.037 | -1\% | 1.097 | -6\% | 3.078 | 3.030 | 2\% |
| incl. to NLMK Lipetsk | 0.743 | 0.749 | -1\% | 0.770 | -3\% | 2.302 | 2.296 | 0\% |

Appendix 3. NLMK Russia Flat Products sales by region and product

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 M \\ 2017 \end{gathered}$ | $\begin{gathered} 9 \mathrm{M} \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Russian market | 1.364 | 0.975 | 40\% | 1.165 | 17\% | 3.127 | 3.255 | -4\% |
| Semi-finished products | 0.247 | 0.100 | > 100\% | 0.191 | 29\% | 0.468 | 0.659 | -29\% |
| Hot-rolled steel | 0.512 | 0.391 | 31\% | 0.418 | 23\% | 1.176 | 1.152 | 2\% |
| Cold-rolled steel | 0.261 | 0.213 | 23\% | 0.232 | 13\% | 0.642 | 0.601 | 7\% |
| Galvanized steel | 0.190 | 0.148 | 28\% | 0.164 | 16\% | 0.471 | 0.431 | 9\% |
| Pre-painted steel | 0.129 | 0.101 | 29\% | 0.135 | -4\% | 0.301 | 0.342 | -12\% |
| Dynamo steel | 0.013 | 0.014 | -8\% | 0.015 | -13\% | 0.040 | 0.040 | 0\% |
| Transformer steel | 0.011 | 0.009 | 18\% | 0.010 | 7\% | 0.030 | 0.030 | 0\% |
| Export markets | 2.067 | 2.353 | -12\% | 2.137 | -3\% | 6.701 | 6.539 | 2\% |
| Semi-finished products | 1.637 | 1.618 | 1\% | 1.546 | 6\% | 4.841 | 4.652 | 4\% |
| Hot-rolled steel | 0.150 | 0.360 | -58\% | 0.313 | -52\% | 0.888 | 0.943 | -6\% |
| Cold-rolled steel | 0.135 | 0.225 | -40\% | 0.155 | -13\% | 0.547 | 0.579 | -5\% |
| Galvanized steel | 0.038 | 0.018 | > 100\% | 0.011 | > 100\% | 0.067 | 0.027 | > 100\% |
| Pre-painted steel | 0.004 | 0.002 | > 100\% | 0.003 | 43\% | 0.010 | 0.006 | 55\% |
| Dynamo steel | 0.049 | 0.073 | -33\% | 0.064 | -24\% | 0.191 | 0.171 | 12\% |
| Transformer steel | 0.054 | 0.057 | -6\% | 0.045 | 20\% | 0.158 | 0.162 | -2\% |
| Total sales | 3.431 | 3.328 | 3\% | 3.302 | 4\% | 9.828 | 9.795 | 0\% |

Appendix 4 NLMK Russia Long Products sales by product

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 M \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Billet | 0.148 | 0.226 | -34\% | 0.193 | -23\% | 0.434 | 0.471 | -8\% |
| Rebar | 0.433 | 0.536 | -19\% | 0.555 | -22\% | 1.266 | 1.314 | -4\% |
| Sections | 0.011 | 0.009 | 17\% | 0.007 | 50\% | 0.023 | 0.032 | -29\% |
| Wire rod | 0.069 | 0.093 | -26\% | 0.045 | 55\% | 0.216 | 0.118 | 83\% |
| Metalware | 0.075 | 0.072 | 5\% | 0.069 | 8\% | 0.205 | 0.195 | 5\% |
| Total steel products | 0.735 | 0.935 | -21\% | 0.869 | -15\% | 2.143 | 2.129 | 1\% |
| Ferrous and non-ferrous scrap, incl. | 1.451 | 1.342 | 8\% | 1.336 | 9\% | 3.459 | 3.345 | 3\% |
| to NLMK Ural | 0.558 | 0.454 | 23\% | 0.470 | 19\% | 1.254 | 1.114 | 13\% |
| to NLMK Kaluga | 0.397 | 0.395 | 0\% | 0.386 | 3\% | 0.997 | 0.996 | 0\% |
| to NLMK Lipetsk | 0.482 | 0.476 | 1\% | 0.463 | 4\% | 1.160 | 1.159 | 0\% |

## NLMK

Appendix 5. Mining and Processing of Raw Materials Division sales

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \end{gathered}$ | $\begin{gathered} 9 \mathrm{M} \\ 2016 \\ \hline \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Iron ore concentrate | 2.333 | 2.434 | -4\% | 4.225 | -45\% | 7.397 | 11.690 | -37\% |
| incl. to NLMK Lipetsk | 2.333 | 2.434 | -4\% | 3.035 | -23\% | 7.388 | 8.648 | -15\% |
| Pellets | 1.675 | 1.581 | 6\% | 0.000 | - | 4.391 | 0.000 | - |
| incl. to NLMK Lipetsk | 1.675 | 1.581 | 6\% | 0.000 | - | 4.391 | 0.000 | - |
| Sinter ore | 0.378 | 0.377 | 0\% | 0.411 | -8\% | 1.118 | 1.238 | -10\% |
| incl. to NLMK Lipetsk | 0.378 | 0.377 | 0\% | 0.371 | 2\% | 1.118 | 1.025 | 9\% |

Appendix 6. NLMK USA sales

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hot-rolled steel | 0.320 | 0.295 | 9\% | 0.210 | 53\% | 0.926 | 0.730 | 27\% |
| Cold-rolled steel | 0.115 | 0.127 | -9\% | 0.141 | -18\% | 0.378 | 0.430 | -12\% |
| Galvanized steel | 0.131 | 0.135 | -3\% | 0.089 | 47\% | 0.377 | 0.266 | 41\% |
| Total NLMK USA ${ }^{7}$ | 0.568 | 0.559 | 2\% | 0.444 | 28\% | 1.689 | 1.435 | 18\% |

${ }^{7}$ NLMK USA also sells non-significant volumes of merchant slabs not included into total rolled steel sales. In Q3 2017 slab sales totaled 3,000 t

## Appendix 7. DanSteel sales

| Sales, mt | Q3 | Q2 | QoQ | Q3 | YoY | $9 M$ <br> 2016 | 9M <br>  | 2017 | 2017 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Appendix 8. NBH (associated companies) sales

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \\ \hline \end{gathered}$ | $\begin{gathered} 9 \mathrm{M} \\ 2016 \\ \hline \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hot-rolled steel | 0.214 | 0.257 | -17\% | 0.233 | -8\% | 0.749 | 0.741 | 1\% |
| Cold-rolled steel | 0.009 | 0.015 | -37\% | 0.011 | -13\% | 0.040 | 0.044 | -8\% |
| Coated steel | 0.063 | 0.080 | -22\% | 0.077 | -19\% | 0.234 | 0.261 | -10\% |
| Total flat steel | 0.286 | 0.351 | -19\% | 0.320 | -11\% | 1.023 | 1.046 | -2\% |
| Semi-finished (ingots) | 0.017 | 0.022 | -22\% | 0.017 | 2\% | 0.060 | 0.063 | -5\% |
| Thick plate | 0.144 | 0.182 | -21\% | 0.151 | -5\% | 0.519 | 0.520 | 0\% |
| Total steel products | 0.447 | 0.556 | -20\% | 0.488 | -8\% | 1.602 | 1.629 | -2\% |

Appendix 9. NLMK Group steel output

| Production, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \end{gathered}$ | $\begin{gathered} 9 \mathrm{M} \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NLMK Lipetsk | 3.357 | 3.134 | 7\% | 3.163 | 6\% | 9.842 | 9.666 | 2\% |
| NLMK Long Products | 0.860 | 0.795 | 8\% | 0.778 | 11\% | 2.274 | 2.157 | 5\% |
| incl. NLMK Kaluga | 0.375 | 0.361 | 4\% | 0.354 | 6\% | 1.007 | 0.998 | 1\% |
| NLMK Indiana (NLMK USA) | 0.146 | 0.153 | -5\% | 0.103 | 41\% | 0.481 | 0.443 | 9\% |
| NLMK Group (without NBH) | 4.363 | 4.082 | 7\% | 4.044 | 8\% | 12.597 | 12.266 | 3\% |
| for reference |  |  |  |  |  |  |  |  |
| NBH, NLMK Europe (EAF) | 0.043 | 0.062 | -31\% | 0.047 | -9\% | 0.163 | 0.152 | 8\% |
| NLMK Group (with NBH) | 4.406 | 4.144 | 6\% | 4.092 | 8\% | 12.761 | 12.418 | 3\% |

Appendix 10. NLMK Group steel product output (w/o NBH)

| Production, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Merchant pig iron | 0.187 | 0.103 | 82\% | 0.068 | > 100\% | 0.319 | 0.382 | -16\% |
| Merchant slabs | 1.105 | 0.810 | 36\% | 1.027 | 8\% | 3.094 | 3.385 | -9\% |
| Flat steel | 2.123 | 2.189 | -3\% | 2.015 | 5\% | 6.426 | 6.163 | 4\% |
| Merchant billets | 0.219 | 0.195 | 13\% | 0.194 | 13\% | 0.507 | 0.521 | -3\% |
| Long products | 0.544 | 0.533 | 2\% | 0.501 | 9\% | 1.498 | 1.401 | 7\% |
| Metalware | 0.077 | 0.072 | 8\% | 0.065 | 19\% | 0.208 | 0.194 | 7\% |
| Total products | 4.256 | 3.901 | 9\% | 3.870 | 10\% | 12.051 | 12.047 | 0\% |

Appendix 11. NLMK Russia Flat Products steel product output

| Production, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 \mathrm{M} \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Merchant pig iron | 0.187 | 0.103 | 82\% | 0.068 | > 100\% | 0.319 | 0.382 | -16\% |
| Merchant slabs | 1.677 | 1.498 | 12\% | 1.519 | 10\% | 4.887 | 4.788 | 2\% |
| Hot-rolled steel | 0.620 | 0.686 | -10\% | 0.653 | -5\% | 1.993 | 2.029 | -2\% |
| Cold-rolled steel | 0.392 | 0.405 | -3\% | 0.392 | 0\% | 1.167 | 1.183 | -1\% |
| Galvanized steel | 0.193 | 0.181 | 7\% | 0.189 | 2\% | 0.550 | 0.479 | 15\% |
| Pre-painted steel | 0.102 | 0.112 | -9\% | 0.132 | -23\% | 0.319 | 0.345 | -7\% |
| Dynamo steel | 0.072 | 0.079 | -9\% | 0.079 | -9\% | 0.228 | 0.215 | 6\% |
| Transformer steel | 0.067 | 0.061 | 10\% | 0.055 | 21\% | 0.186 | 0.188 | -1\% |
| Total steel products | 3.310 | 3.125 | 6\% | 3.088 | 7\% | 9.649 | 9.609 | 0\% |

Appendix 12. Output of main raw materials

| Production, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 M \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coke (dry weight) | 1.662 | 1.631 | 2\% | 1.702 | -2\% | 4.925 | 4.860 | 1\% |
| NLMK Lipetsk | 0.627 | 0.615 | 2\% | 0.618 | 2\% | 1.848 | 1.839 | 0\% |
| Altai-Koks | 1.034 | 1.016 | 2\% | 1.084 | -5\% | 3.078 | 3.021 | 2\% |
| Iron ore | 4.316 | 4.433 | -3\% | 4.318 | 0\% | 12.833 | 12.975 | -1\% |
| Iron ore concentrate | 2.270 | 2.433 | -7\% | 3.935 | -42\% | 7.312 | 11.794 | -38\% |
| Sinter ore | 0.382 | 0.379 | 1\% | 0.383 | 0\% | 1.140 | 1.181 | -3\% |
| Pellets | 1.664 | 1.621 | 3\% | 0.000 | 0\% | 4.381 | 0.000 | 0\% |
| Ferrous scrap | 0.661 | 0.618 | 7\% | 0.622 | 6\% | 1.613 | 1.520 | 6\% |

## Appendix 13. NLMK Group steel product sales (w/o NBH)

| Sales, m t | $\begin{gathered} \text { Q3 } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { Q2 } \\ 2017 \end{gathered}$ | QoQ | $\begin{gathered} \text { Q3 } \\ 2016 \end{gathered}$ | YoY | $\begin{gathered} 9 M \\ 2017 \end{gathered}$ | $\begin{gathered} 9 M \\ 2016 \end{gathered}$ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Semi-finished | 1.461 | 1.257 | 16\% | 1.443 | 1\% | 3.953 | 4.362 | -9\% |
| Pig iron | 0.176 | 0.057 | > 100\% | 0.105 | 67\% | 0.287 | 0.324 | -11\% |
| Slabs | 1.136 | 0.974 | 17\% | 1.145 | -1\% | 3.232 | 3.567 | -9\% |
| Billet | 0.148 | 0.226 | -34\% | 0.193 | -23\% | 0.434 | 0.471 | -8\% |
| Flat steel | 2.197 | 2.229 | -1\% | 2.101 | 5\% | 6.451 | 6.269 | 3\% |
| Plate | 0.107 | 0.112 | -5\% | 0.097 | 10\% | 0.353 | 0.359 | -2\% |
| Hot-rolled steel | 0.982 | 1.046 | -6\% | 0.940 | 4\% | 2.990 | 2.826 | 6\% |
| Cold-rolled steel | 0.489 | 0.515 | -5\% | 0.527 | -7\% | 1.465 | 1.610 | -9\% |
| Galvanized steel | 0.359 | 0.300 | 20\% | 0.264 | 36\% | 0.915 | 0.724 | 26\% |
| Pre-painted steel | 0.133 | 0.102 | 31\% | 0.138 | -3\% | 0.310 | 0.348 | -11\% |
| Transformer steel | 0.065 | 0.066 | -2\% | 0.055 | 17\% | 0.187 | 0.191 | -2\% |
| Dynamo steel | 0.062 | 0.087 | -29\% | 0.079 | -22\% | 0.231 | 0.211 | 10\% |
| Long products | 0.587 | 0.710 | -17\% | 0.676 | -13\% | 1.710 | 1.658 | 3\% |
| Long | 0.512 | 0.638 | -20\% | 0.607 | -16\% | 1.505 | 1.463 | 3\% |
| Metalware | 0.075 | 0.072 | 5\% | 0.069 | 8\% | 0.205 | 0.195 | 5\% |
| Total steel products | 4.245 | 4.195 | 1\% | 4.220 | 1\% | 12.114 | 12.290 | -1\% |


[^0]:    ${ }^{1}$ NLMK Russia Flat Products companies include NLMK Lipetsk, VIZ-Steel, and Altai-Koks. Export sales are calculated including the corresponding share of trading companies.

[^1]:    ${ }^{2}$ NLMK Russia Long Products companies include NLMK Ural, NLMK Metalware, NLMK Kaluga and scrap collecting facilities. Export long product sales are calculated including the corresponding share of trading companies.

[^2]:    ${ }^{4}$ NBH assets include producers of thick plates NLMK Clabecq (Belgium), NLMK Verona (Italy) and producers of flat steel NLMK La Louvière (Belgium) and NLMK Strasbourg (France).

