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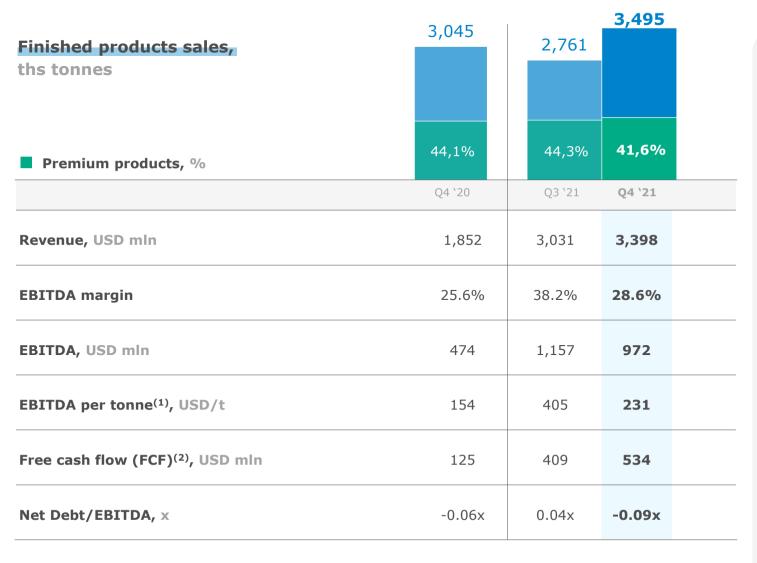
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Notes	

Q4 2021

# **EXECUTIVE SUMMARY**



Change quarter-on-quarter (a-o-a) Revenue +12.1% **EBITDA** margin **EBITDA** - 16.0% FCF **USD 534** mln

Source: IFRS report, Metal Expert.



Q4 2021

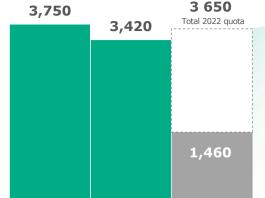
# MACROECONOMIC ENVIRONMENT IN CHINA

- PMI (manufacturing)<sup>(1)</sup>
- Changes in GDP,
- Kev rate<sup>(2)</sup>
- Medium-term interest

Special bonds issuance<sup>(3,4)</sup>

RMB bn





2021 quota

Issued in 2M 2022

## All proceeds from the special bonds in 2021 were channelled into:

- Transportation projects
- · Development of urban infrastructure
- Development of industrial parks

China's GDP was up 4.0% y-o-y, but its growth rates continued to slow down in Q4 2021 amid the spread of the Delta variant, a sluggish real estate market, and measures taken to prevent the economy from overheating

In 2022, China's monetary policy will focus on moderation, flexibility, and on providing reasonable and sufficient liquidity to spur on the economy

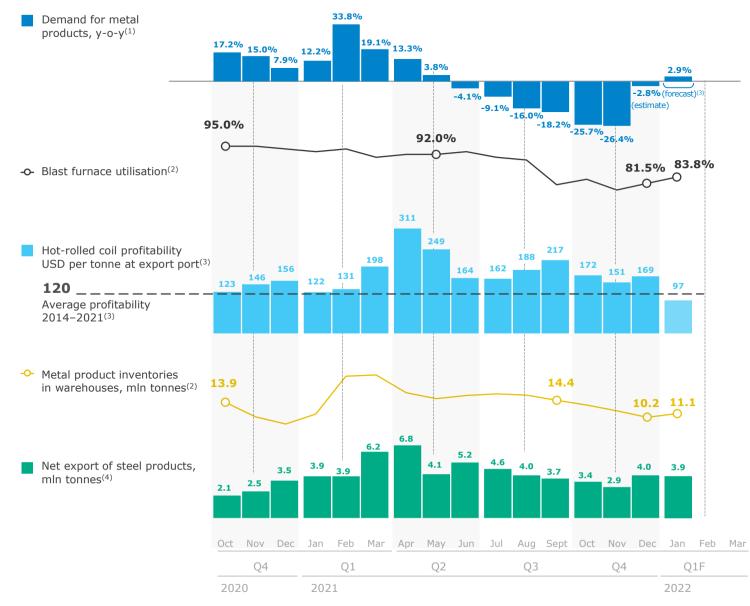
The Chinese government will maintain its special bond quota for 2022 at RMB 3.65 trillion, reflecting its plans to boost economic growth going forward

The special bonds issuance programme – initially intended to facilitate economic growth through a wide range of infrastructure projects – will continue to support steel consumption in 2022

2020 quota

Q4 2021

# STEEL MARKET IN CHINA



China's steel output fell 3% y-o-y to 1,033 million tonnes in 2021, declining steadily since June, although at a slower rate in December

China's consumption decline in the fourth quarter was strongly linked to the economic growth slowdown and the government's decision to cap steel production in 2021 at 2020 levels in the context of its emission reduction targets

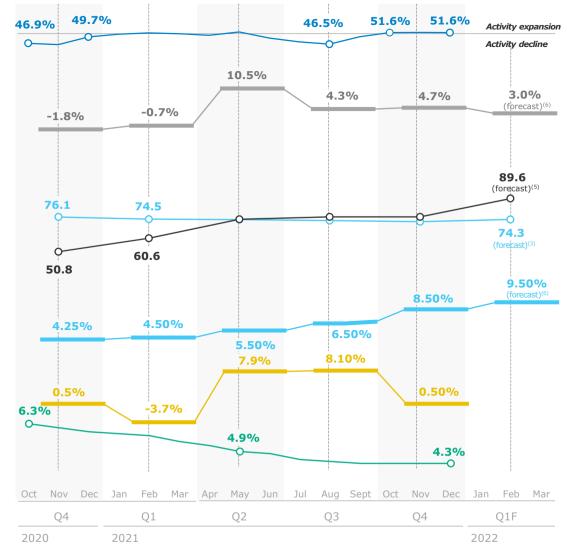
Net exports adjusted in the fourth quarter due to progressive decline in China's steel production in the second half of 2021

At the same time, steel inventories further declined on the back of strong domestic demand for metal products and ongoing infrastructure projects

Q4 2021

# MACROECONOMIC SITUATION IN RUSSIA

- PMI (manufacturing)<sup>(1)</sup>
- Changes in GDP, y-o-y<sup>(2)</sup>
- RUB/USD exchange rate, quarterly average<sup>(3)</sup>
- Urals oil, price as at quarter-end, USD per barrel<sup>(3)</sup>
- Bank of Russia's key
- Real disposable income, y-o-y<sup>(2)</sup>
- Unemployment<sup>(2)</sup>



Russia's GDP growth slowed down to 4,7% y-o-y in the fourth quarter, following the continued business activity recovery curve in the country

The price of oil has fully recovered from its 2020 collapse, with Urals estimated to average USD 89,6 per barrel in 2022 amid global energy shortages and a challenging geopolitical environment

In the fourth quarter, the Bank of Russia continued to tighten its monetary policy and raised its key rate to 8.5%. In February 2022, the Bank of Russia raised its key rate by another 1.0 p.p. amid rising inflationary pressure.

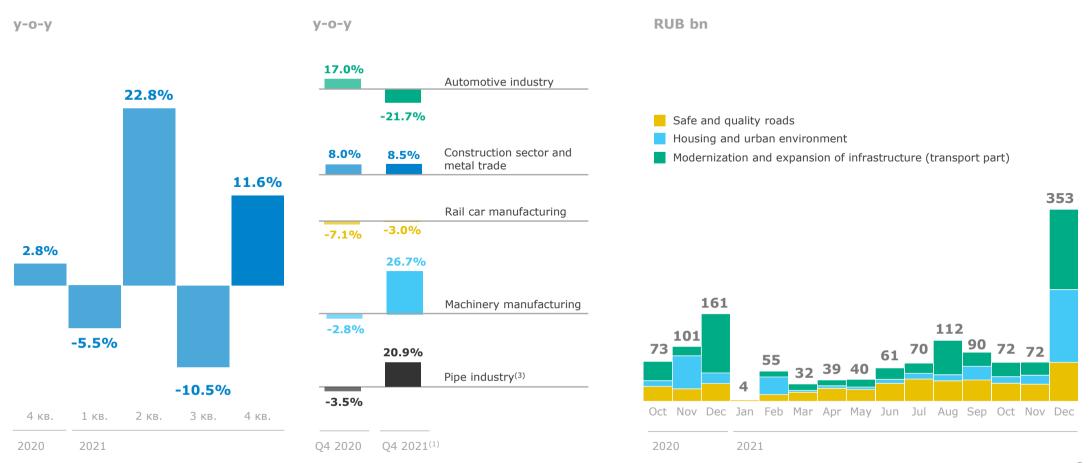
The unemployment rate continued its downward trend, settling in at 4.3% as Russia's economy was gradually recovering to pre-COVID levels

Q4 2021

# STEEL MARKET IN RUSSIA

In the fourth quarter, steel consumption<sup>(1)</sup> was up 11.6% y-o-y amid steady demand from consumers

Metal consumption<sup>(1)</sup> during the fourth quarter was supported by increased demand from the pipe, machine building, construction, and metals trading industries In the fourth quarter, the Government continued to advance its national projects. (2) Public expenses for October–December are substantially higher year-on-year across all major metal-intensive segments

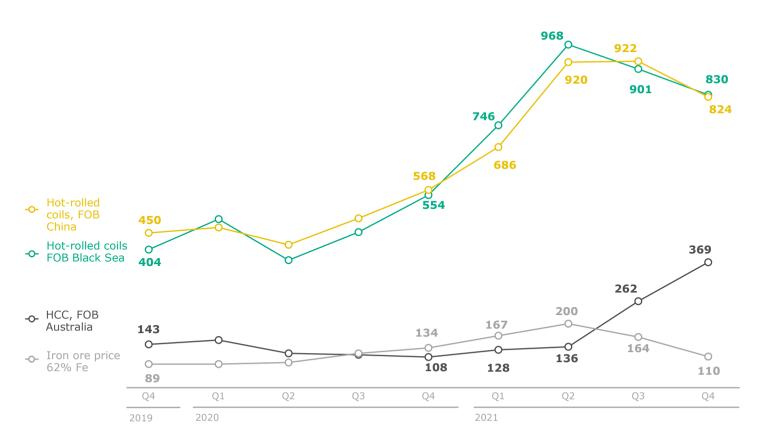


Q4 2021

# **CHANGES IN PRICES**

## **Prices for metal products and key commodities**

**USD** per tonne



### **Hot-rolled products**

In Q4 2021, prices in the global market for rolled steel continued their correction. Steel output outside China increased noticeably year-on-year, and the supply of metal products steadily exceeded demand. In China, production declined rapidly in the fourth quarter, leading to a 3% y-o-y reduction in steel output.

#### Coking coal

In the middle of the fourth quarter, China's domestic prices and import prices fell by about 40% in a single month. The trend spread to other markets around the world, but was halted by weather issues in Australia, where the cyclone season limited logistics and exports in December

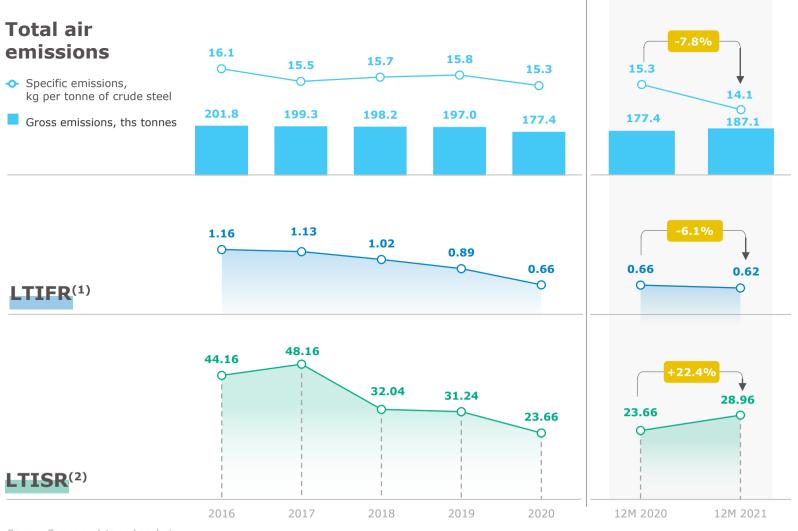
#### Iron ore

In the beginning of the fourth quarter, the 62% Fe index declined, reaching a low at about USD 85 per tonne CFR China. Caps on steel output that were applicable in China at that time drove a decrease in demand and an increase in port inventories. However, the recovery in China's pig iron production that started in December, coupled with projected further growth in spring 2022, resulted in rising demand in China and growing iron ore prices.



Q4 2021

## **EMISSION REDUCTION AND INDUSTRIAL SAFETY**



Specific air emissions decreased by 7.8% y-o-y, driven by an increase in the share of scrap in the charge on the back of increased steel output by the EAF Shop

In 2021, LTIFR decreased by 6.1% y-o-y, reflecting our initiatives to address the root causes of accidents and improve the production safety culture

LTISR grew 22.4% y-o-y, reflecting an increase in the number of sick days

Source: Company data and analysis.

Note: (1) LTIFR – Lost Time Injury Frequency Rate; (2) LTISR – Lost Time Injury Severity Rate.

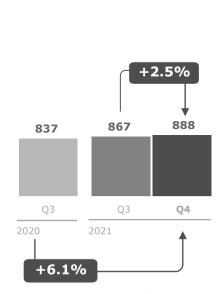
Q4 2021

# HIGH CAPACITY UTILISATION OF HIGH-MARGIN **PRODUCTION UNITS**

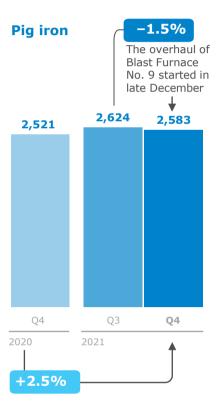
## **Kev production indicators**

→ Quarterly dynamics, 2019-2021 ths tonnes

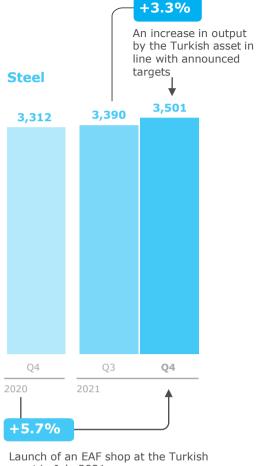
## Coking coal concentrate



Increase in mining production and processing of own coal



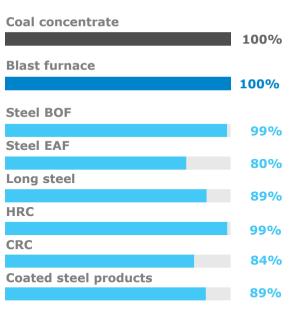
No lengthy overhauls of blast furnace operations



asset in July 2021

## **Key capacity** utilisation rates

04 2021, %



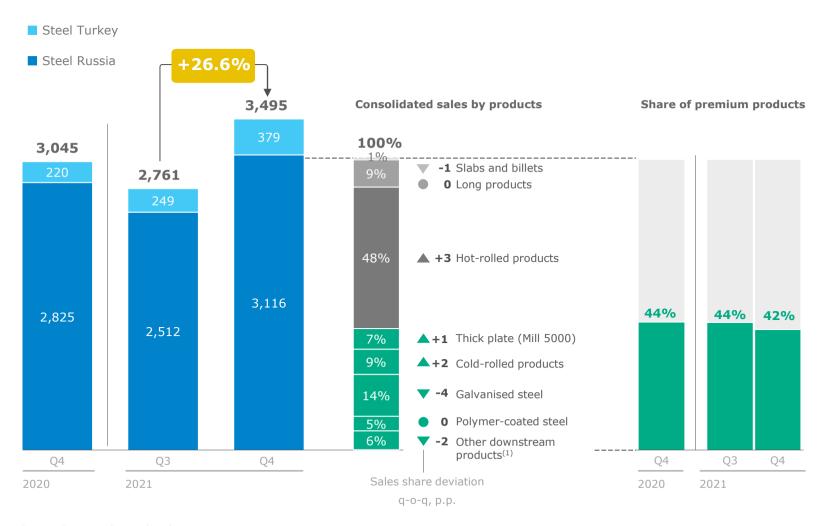
Premium production unit utilisation rates remain high

Q4 2021

# FINISHED PRODUCTS SALES

## **MMK Group finished products sales dynamics**

#### ths tonnes



Consolidated sales increased by 26.6% q-o-q amid a favourable market environment, higher output by the Turkish asset, and lower inventories

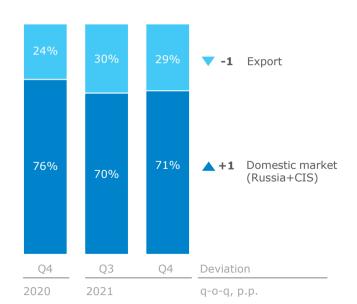
Sales of premium products were up 19.8% to 1,452 thousand tonnes, driven primarily by higher sales of cold-rolled products and Mill 5000 thick plate

Q4 2021

# THE DOMESTIC MARKET AND EXPORT SALES BREAKDOWN

# MMK Group's sale share by market

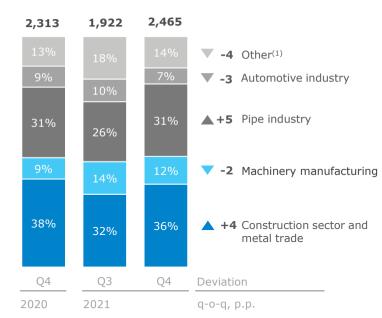
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Steady demand in Russia in the fourth quarter helped maintain domestic sales at 71% of total sales, while, in absolute terms, domestic sales grew 28%.

# Russia and CIS market sales by sector

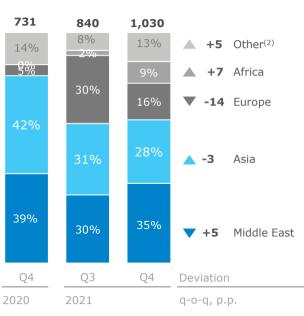
ths tonnes



The pipe industry, construction, and metals trading saw the sharpest rise in demand.

# **International market sales** by region

ths tonnes



Sales to Middle East, Africa, and North America increased in the fourth quarter on the back of a stable demand there.

Q4 2021

# **KEY PROJECTS**

## **Blast furnace No. 9**





Production capacity 3,900 tonnes per day, dust emission reduction 250 tonnes per year

### **Expected impact**

+8

USD mln to EBITDA<sup>(1)</sup>

### The project initiation

2022

Status in Q4 2021

Shutdown and start of scheduled reconstruction in December 2021

## **Cold-Rolling Mill 1700 reconstruction**



0.7 mln t effective addition of CRC

# mln tonnes of premium products

## May 2021

Cold-Rolling Mill 1700 continues to operate at full capacity.

Coke and by-product plant <







Replacement of five batteries
Reduction in CO<sub>2</sub> emissions by 1.1 mln tonnes
per year
Reduction of emissions of pollutants into the
atmosphere by 11.35 mln tonnes per year

USD/tonne

2022-2023

Construction and installation works for foundations are ongoing, with more than 15 thousand m<sup>3</sup> of concrete already cast. The primary coolers of the by-product recovery plant have been installed.

# **OUTLOOK**

Q1 2022



## **Finished products output**

Higher steel output at the Turkish asset in Q1 2022 will have a positive impact on the Group's sales volumes, offsetting the costs to overhaul blast furnace and converter facilities in Magnitogorsk.



## **Capital expenditures**

CAPEX for Q1 2022 is expected to decrease significantly quarter-on-quarter, in line with the implementation schedule for projects pursued under the Group's strategy.

# The Group's performance will be further boosted by:

- Operational excellence initiatives under the Evolution Business System
- Maximum capacity utilisation of premium production units

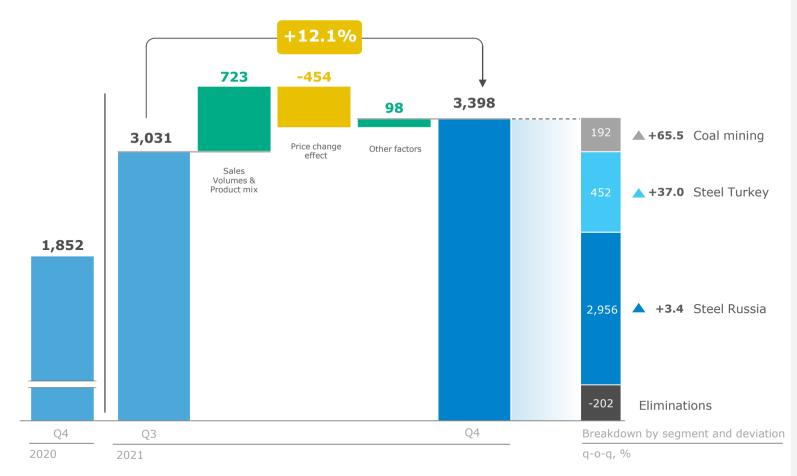


Q4 2021

# **REVENUE**

## Key revenue drivers

q-o-q, USD mln



The Russian steel segment's revenue grew

+3.4 %

reflecting sales growth amid stable demand in Russia and globally

The Turkish steel segment's revenue grew

+37.0 %

driven by stronger sales amid the launch of HRC production

The coal mining segment's revenue grew

+65.5 %

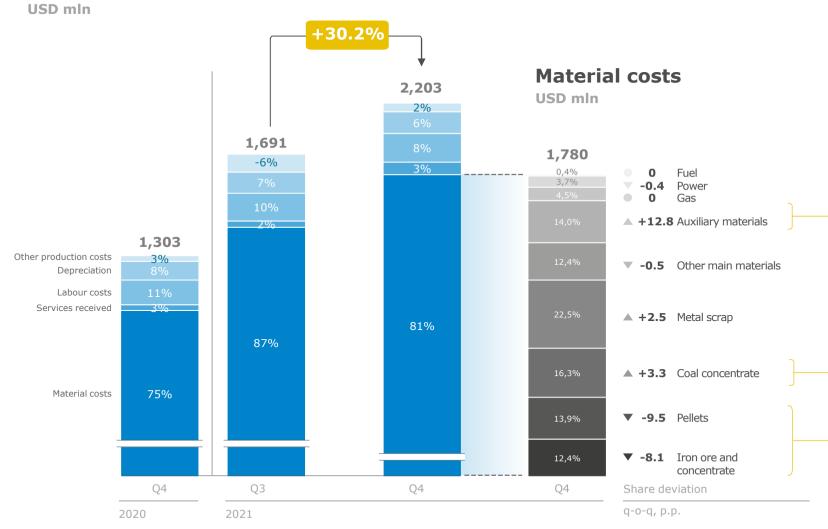
reflecting higher coal concentrate prices amid a favourable global pricing environment

→ Historical dynamics 2019 - 2021

Q4 2021

# **COST OF SALES**

## MMK Group's cost of sales



# +USD 512min

MMK Group's cost of sales increased due to stronger sales amid the divergent trends in prices for raw materials

## The share of other materials increased

driven by an increase in the consumption of third-party HRC on the Turkish asset, as well as a decrease in finished products inventories of the Group traders

## The increase in the share of coal concentrate

was caused by higher global prices for coal concentrate

### The lower share of iron ore

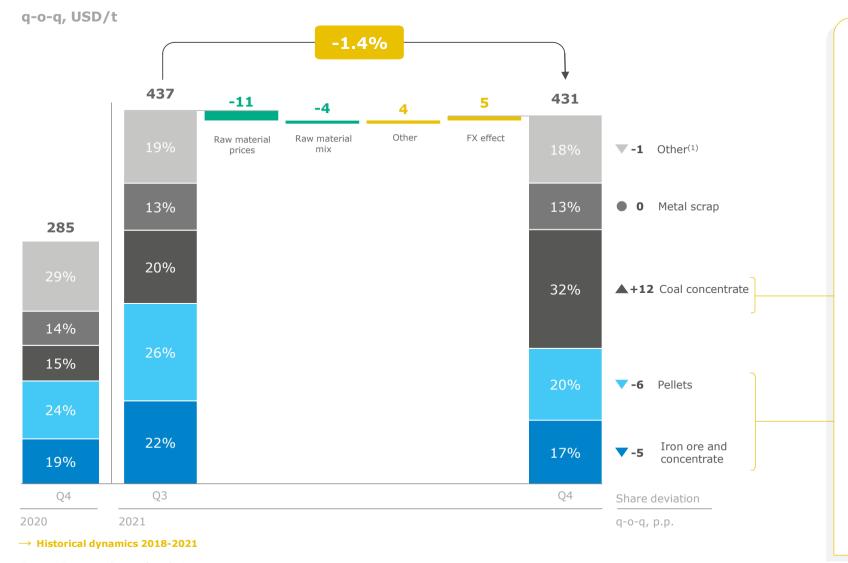
was driven by lower prices for iron ore due to the global price correction

 $\rightarrow$  Cost allocation

Q4 2021

# **SLAB CASH-COST**

## Slab cash-cost,



Slab cash cost increased q-o-q

-6 USD/t

+5 <sub>USD/t</sub>

as the rouble pulled back against the US dollar

+39 USD/t

amid higher prices for coal concentrate

-53 USD/t

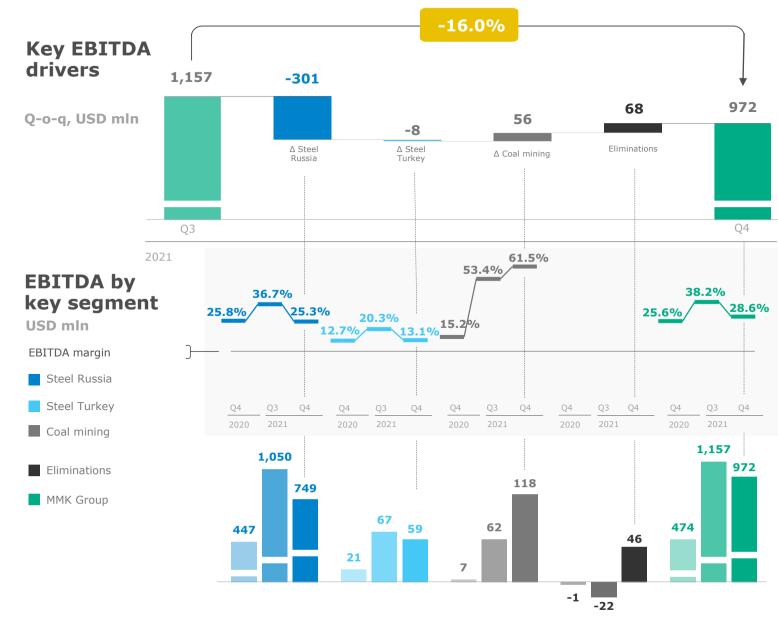
decrease in prices for iron ore

Source: Company data and analysis.

Notes: (1) Other: ferroalloys, gas & power, auxiliary & other materials.

Q4 2021

## **EBITDA**



## **Key changes**

- Sales volumes
- Sales mix
- Prices

#### **Steel Russia**

- ▲ Sales growth amid steady demand across key target markets
- ▲ **Higher share** of domestic sales
- Lower prices amid the correction in global prices for metal products
- $\rightarrow$  Dynamics of prices for metal products

### **Steel Turkey**

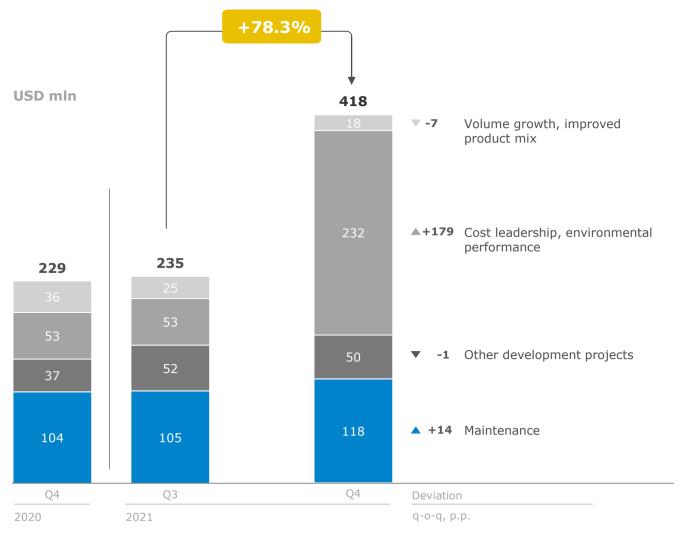
- ▲ Sales growth due to a favourable market environment and the launch of a hot-rolling complex in July
- ▲ An increase in sales of hot-rolled products amid resumed production
- Price decline amid a correction in global prices

### **Coal mining**

- Volumes remained flat on the back of MMK's high demand for coal concentrate
- ▲ Increase in prices for coal concentrate driven by a favourable global pricing environment

Q4 2021

# **CAPEX BREAKDOWN**



## **Q-o-q decrease in CAPEX**

+ 78.3

in line with the Group's schedule for implementing and financing investment projects under the Group's strategy

### Q4 2021 highlights:

Cost leadership, environmental performance:

 The new coke and by-product plant: construction and installation of foundations are ongoing, with primary coolers installed at the by-product recovery plant

Volume growth, improved product mix:

 Cold-Rolling Mill 1700 continues to operate at full capacity

 $\rightarrow$  Historical dynamics, 2012–2021

Q4 2021

# DEBT BURDEN AND CREDIT RATINGS

## **Strong financial profile**

**USD** mln

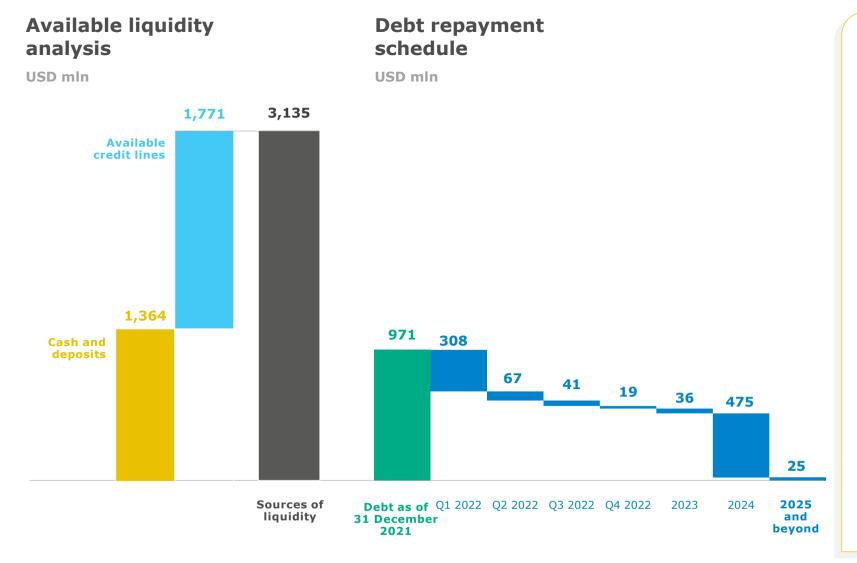
Debt Net Debt O Net Debt / EBITDA





Q4 2021

# CREDIT PORTFOLIO AND REPAYMENT SCHEDULE

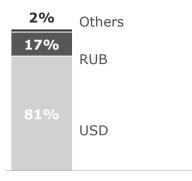


2.6%

average cost of debt as of 31 December 2021

Significant liquidity cushion and a comfortable repayment schedule

## Cash and deposits structure

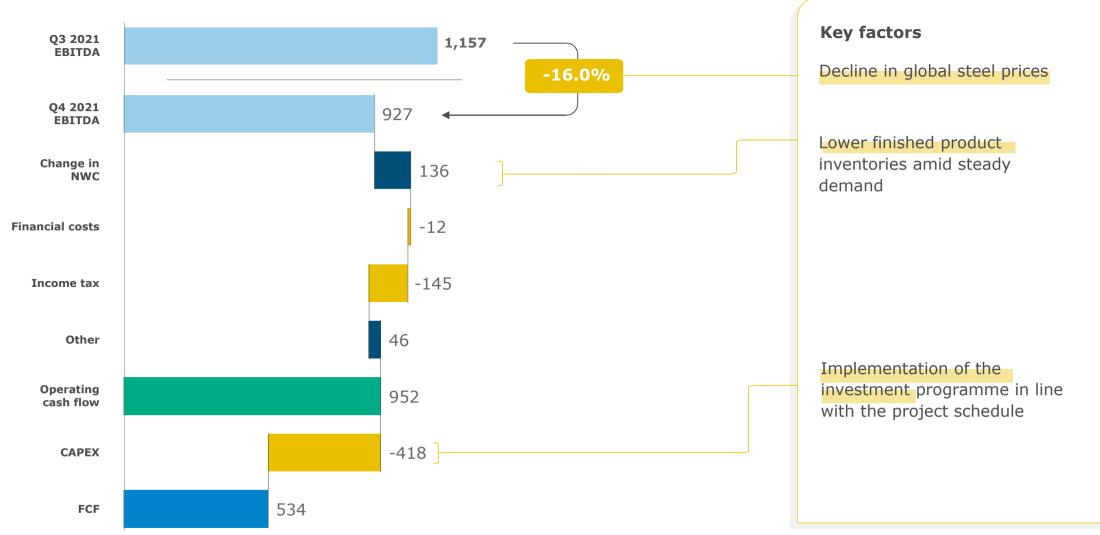


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# FREE CASH FLOW

## Free cash flow structure

**USD** mln

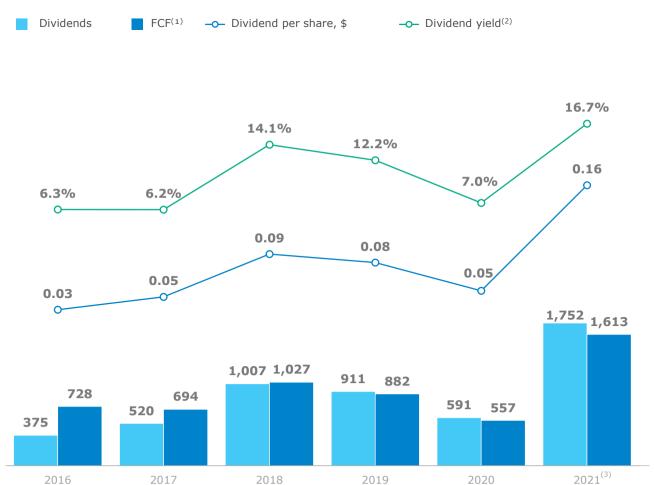


Q4 2021

# **DIVIDENDS**

## **Dividends payout dynamics**

**USD** mln



The Group remains committed to its dividend policy and previous statements. Considering our high margins, the Board of Directors is convinced that the Group sits in a stable position and can recommend the shareholders to approve the payment of a dividend of RUB 3.550 per share (100% of FCF for the guarter) for Q4 2021



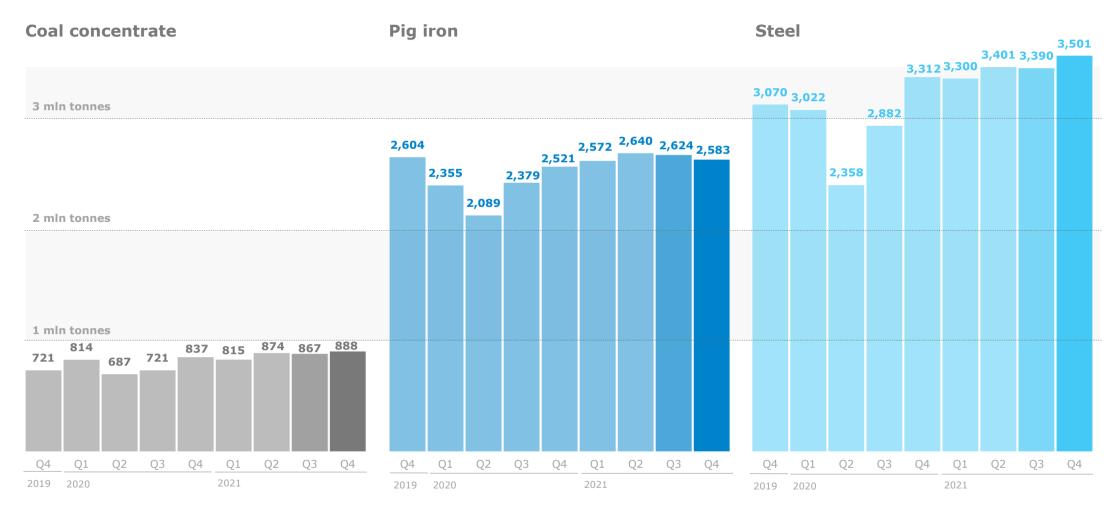
**HISTORICAL DYNAMICS** 

Back to the initial slide

# KEY PRODUCTION HIGHLIGHTS

## 2019-2021 quarter dynamics

ths tonnes

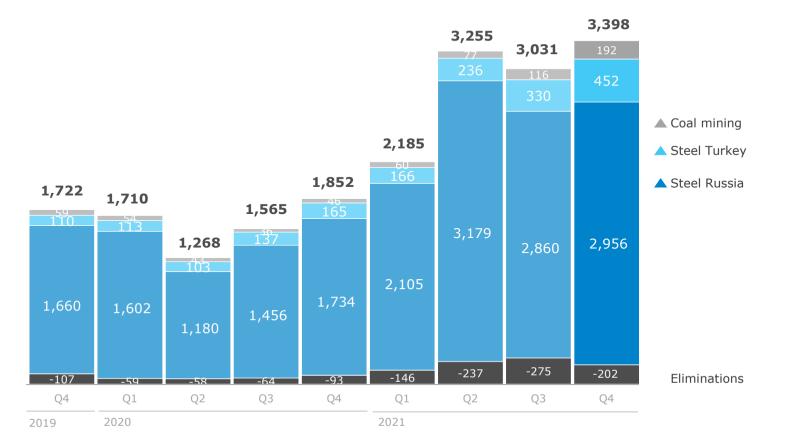


Q4 2021

# **REVENUE**

## MMK Group revenue breakdown by segments

**USD** mln



Source: Company data and analysis.

Back to the initial slide

**HISTORICAL DYNAMICS** 

# **SLAB CASH-COST**

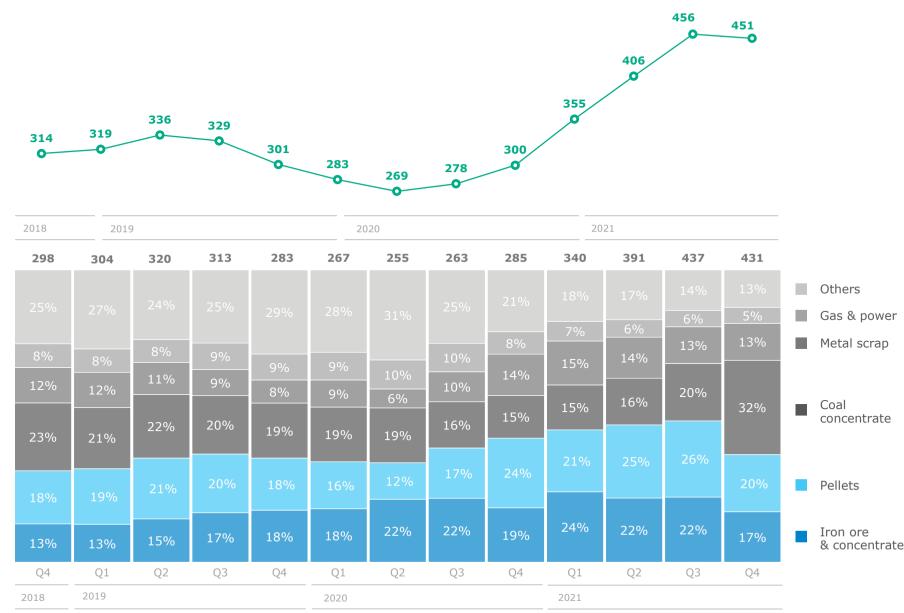
Back to the initial slide

# Cash-cost historical dynamics

USD/t

HRC

Slab cash-cost historical dynamics and structure USD/t



**HISTORICAL DYNAMICS** 

Back to the initial slide

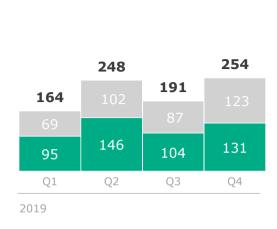
# **CAPITAL EXPENDITURES**

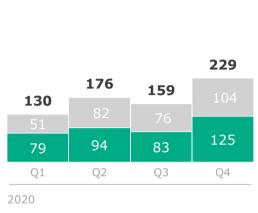
# **Quarterly** dynamics

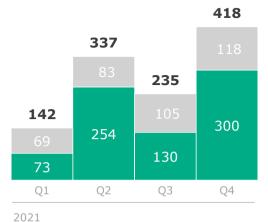
**USD** mln

Maintenance

Development

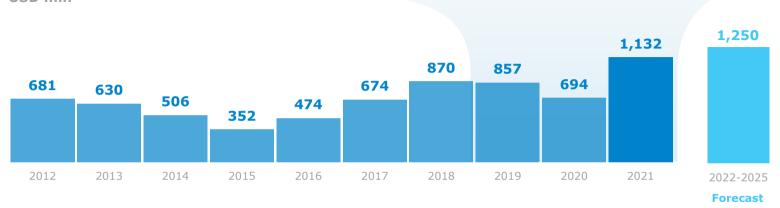






# Yearly dynamics

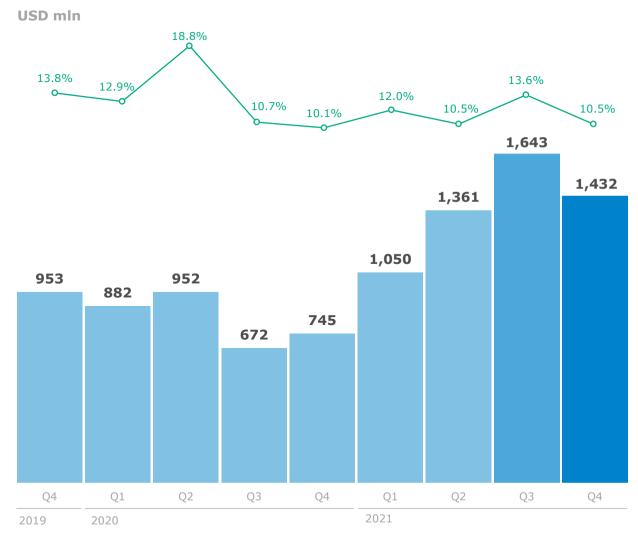
**USD** mln



Q4 2021

# **NET WORKING CAPITAL**

## **Net Working Capital dynamics**



The working capital build-up in Q4 2021 was

USD 136 mln

Decrease in finished product inventories amid steady demand from consumers

At the same time, the NWC/revenue ratio decreased to 10.5% as of 31 December 2021

Q4 2021

Back to the initial slide

# SENSITIVITY AND KEY INDICATORS BREAKDOWN

