

Wednesday, May 16, 2018 | special comment

KGHM – Upside At Stock Veers Away From Metal Prices

Rating: buy | target price: PLN 118.98 | current price: PLN 90.60

KGH PW; KGH.WA | Mining & Metals, Poland

Analyst: Jakub Szkopek +48 22 438 24 03

KGHM's stock performance has diverged sharply from the trends in the prices of copper and the Company's other key metals (as reflected in the index below, tracking the prices of these metals, weighted by the production of each metal over KGHM's total production of all four metals).

In our view the market is overlooking the bullish prospects for the rest of the year, stemming from a 60% March surge in the prices of molybdenum, and the zloty's depreciation versus the US dollar observed in May, which will boost KGHM's nominal second-quarter zloty profits, as well as having pushed the zloty price of a metric ton of copper up to a year-to-date high of PLN 25,000.

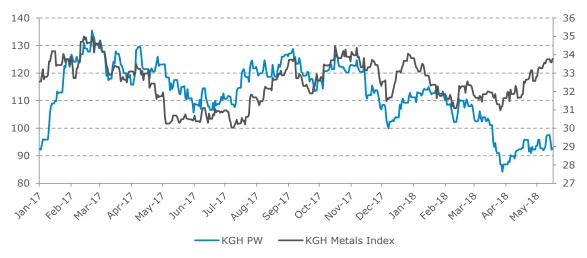
Note also that KGHM's copper refining business is poised to recover from the momentary first-quarter

slump once the HMG2 Copper Smelter and Refinery comes back from maintenance, scheduled for the second quarter, while the HMG1 smelter continues to regain capacity after the temporary failure of last October.

Last but not least, we feel investors have not picked up on the positive message sent out earlier this week by the Polish Energy Minister, who said he did not expect KGHM to be involved, financially or otherwise, in Poland's first nuclear power plant project. The looming nuclear expenditures weighed on KGH's performance through March and April.

Looking at how far KGHM's market value has veered away from the prices of its core metals, by closing the gap, now at 25%, the stock would return to its original "default" value of about PLN 120.

KGH performance (PLN/share, lhs) vs. production-weighted index of key metals (Cu, Ag, Au, Mo) (PLN, rhs)





Source: Blomberg, Dom Maklerski mBanku



List of abbreviations and ratios contained in the report.

List of abbreviations and ratios contained in the report.
EV – net debt + market value (EV – economic value)
EBIT – Earnings Before Interest and Taxes
EBITDA – EBIT + Depreciation and Amortisation
PBA – Profit on Banking Activity
P/CE – price to earnings with amortisation
MC/S – market capitalisation to sales
EBIT/EV – operating profit to economic value
P/E – (Price/Earnings) – price divided by annual net profit per share
ROE – (Return on Equity) – annual net profit divided by average equity
P/BV – (Price/Book Value) – price divided by book value per share
Net debt – credits + debt papers + interest bearing loans – cash and oc

Net debt – credits + debt papers + interest bearing loans – cash and cash equivalents EBITDA margin – EBITDA/Sales

OVERWEIGHT (OW) – a rating which indicates that we expect a stock to outperform the broad market **NEUTRAL (N)** – a rating which indicates that we expect the stock to perform in line with the broad market **UNDERWEIGHT (UW)** – a rating which indicates that we expect the stock to underperform the broad market

Recommendations of Dom Maklerski mBanku:

Recommendations of Dom Maklerski mBanku:

A recommendation is valid for a period of 6-9 months, unless a subsequent recommendation is issued within this period. Expected returns from individual recommendations are as follows:

BUY - we expect that the rate of return from an investment will be at least 15%

ACCUMULATE - we expect that the rate of return from an investment will range from 5% to 15%

HOLD - we expect that the rate of return from an investment will range from -5% to +5%

REDUCE - we expect that the rate of return from an investment will range from -5% to -15%

SELL - we expect that an investment will bear a loss greater than 15%

Recommendations are updated at least once every nine months.

mBank S.A. with its registered office in Warsaw at Senatorska 18 renders brokerage services in the form of derived organisational unit—Brokerage Office which uses name Dom Maklerski mBanku.

The present report expresses the knowledge as well as opinions of the authors on day the report was prepared. The opinions and estimates contained herein constitute our best judgment at this date and time, and are subject to change without notice. The present report was prepared with due care and attention, observing principles of methodological correctness and objectivity, on the basis of sources available to the public, which Dom Maklerski mBanku considers reliable, including information published by issuers, shares of which are subject to recommendations. However, Dom Maklerski mBanku, in no case, guarantees the accuracy and completeness of the report, in particular should sources on the basis of which the report was prepared prove to be inaccurate, incomplete or not fully consistent with the facts. The present report expresses the knowledge as well as opinions of the authors on day the report was prepared. The opinions and estimates contained herein constitute our best judgment at this date and

This document does not constitute an offer or invitation to subscribe for or purchase any financial instruments and neither this document nor anything contained herein shall form the basis of any contract or commitment whatsoever. It is being furnished to you solely for your information and may not be reproduced or redistributed to any other person. This document nor any copy hereof is not to be distributed directly or indirectly in the United States, Australia, Canada or Japan.

e based on essential data from the entire history of a company being the subject of a recommendation, with particular emphasis on the period since the previous recommendation

Investing in shares is connected with a number of risks including, but not limited to, the macroeconomic situation of the country, changes in legal regulations as well as changes on commodity markets. Full elimination of these risks is virtually impossible

mBank S.A. bears no responsibility for investment decisions taken on the basis of the present report or for any damages incurred as a result of investment decisions taken on the basis of the present

It is possible that mBank S.A. in its brokerage activity renders, will render or in the past has rendered services for companies and other entities mentioned in the present report.

mBank S.A. does not rule out offering brokerage services to an issuer of securities being the subject of a recommendation. Information about any conflicts of interest that may arise in connection with the issuance of recommendations (should such a conflict exist) is provided below, and it is valid as of the date of the most recent Monthly Report published by Dom Maklerski mBanku or as of the date of the most recent recommendation issued for an Issuer, as applicable.

This document was not transferred to the issuers prior to its publication.

mBank S.A. serves as underwriter for the following issuers: Asseco Business Solutions (a unit of Asseco Poland), Atal, BOŚ, BZ WBK, Capital Park, Ergis, ES-System, IMS, MLP Group, Neuca, PBKM, Pemug, Polimex-Mostostal, Solar Company, Tarczyński, TXM, Vistal Gdynia, Zastal, ZUE.

mBank S.A. serves as market maker for the following issuers: Alior Bank, Asseco Business Solutions (a unit of Asseco Poland), Atal, BOŚ, BZ WBK, Capital Park, CCC, Cyfrowy Polsat, Energa, Ergis, ES-System, Eurocash, IMS, JSW, KGHM, Kruk, LW Bogdanka, MLP Group, Neuca, Orange Polska, PBKM, PGNiG, PKN Orlen, Polimex-Mostostal, PZU, Solar Company, Tarczyński, Tauron, TXM, Vistal Gdynia, Zastal, ZUE.

mBank S.A. may have received compensation from the following companies in the last 12 months: Agora, Alchemia, Alior Bank, Ambra, Asseco Business Solutions (a unit of Asseco Poland), Atal, Bank Handlowy, Bank Millennium, Bank Pekao, BEST, BGŻ BNP Paribas, Boryszew, BOŚ, BZ WBK, Capital Park, CCC, CD Projekt, Cognor, Cyfrowy Polsat, Echo Investment, Elemental Holding, Elzab, Enea, Energa, Energoaparatura, Erbud, Ergis, Erste Bank, ES-System, Eurocash, Famur, Ferrum, GetBack, Getin Holding, Getin Noble Bank, Groclin, Grupa Azoty, 12 Development, Impexmetal, IMS, INDATA, ING BSK, JSW, KGHM, Kopex, Kruk, LC Corp, LW Bogdanka, Mennica Polska, MLP Group, Mostostal Warszawa, Netia, Neuca, Oponeo.pl, Orange Polska, Orbis, OTP Bank, PA Nova, PBKM, Pemug, PGE, PGNIG, PKN Orlen, PKO BP, Polimex-Mostostal, Polnord, Prochem, Projprzem, PZU, Raiffeisen Bank International, Rawlplug, Robyg, Rubicon Partners NFI, Seco/Warwick, Skarbiec Holding, Solar Company, Stellmet, Sygnity, Tarczyński, Tauron, TXM, Unibep, Uniwheels, Vistal Gdynia, YOLO, Zastal, ZUE.

In the last 12 months mBank S.A. has been an offering agent\co-manager of the issuer's shares in a public offering for the following companies: GetBack, Cognor Holding

In the last 12 months mBank S.A. has been book runner or co-book runners for Asseco SEE, Cognor Holding, Famur, GetBack, Grupa Azoty, LC Corp, PBKM, Robyg.

Asseco Poland provides IT services to mBank S.A.

nk S.A. has a cash service agreement in place with Pekao and a phone subscription agreement in place with Orange Polska S.A.

mBank S.A., its shareholders and employees may hold long or short positions in the issuers' shares or other financial instruments related to the issuers' shares. mBank, its affiliates and/or clients may conduct or may have conducted transactions for their own account or for account of another with respect to the financial instruments mentioned in this report or related investments before the recipient has received this report.

Copying or publishing the present report, in full or in part, or disseminating in any way information contained in the present report requires the prior written agreement of mBank S.A. Recommendations are addressed to all Clients of Dom Maklerski mBanku.

Recommendations are addressed to all Clients of Dom Maklerski mBanku.

The activity of mBank S.A. is subject to the supervision of the Polish Financial Supervision Commission.

Individuals who did not participate in the preparation of recommendations, but had or could have had access to recommendations prior to their publication, are employees of Dom Maklerski mBanku authorised to access the premises in which recommendations are prepared and/or individuals having to access to recommendations based on their corporate roles, other than the analysts mentioned as the authors of the present recommendations.

This publication constitutes investment research within the meaning of Art. 36.1 of Commission Delegated Regulation (EU) 2017/565.

The compensation of the research analysts responsible for preparing investment research is determined independently of and without regard to the compensation of or revenue generated by any other employee of the Bank, including but not limited to any employee whose business interests may reasonably be considered to conflict with the interests of the persons to whom the investment research prepared by the Research Department of Dom Maklerski mBanku is disseminated. With that being said, since one of the factors taken into consideration when determining the compensation of research analysts is the degree of fulfillment of annual financial targets by customer service functions, there is a risk that the adequacy of compensation offered to persons preparing investment research will be questioned by a competent oversight body.

Strong and weak points of valuation methods used in recommendations:

acknowledged as the most methodologically correct method of valuation; it consists in discounting financial flows generated by a company; its weak point is the significant susceptibility to a change of forecast assumptions in the model.

Relative – based on a comparison of valuation multipliers of companies from a given sector; simple in construction, reflects the current state of the market better than DCF; weak points include substantial variability (fluctuations together with market indices) as well as difficulty in the selection of the group of comparable companies.

Economic profits – discounting of future economic profits; the weak point is high sensitivity to changes in the assumptions made in the valuation model.

Discounted Dividends (DDM) – discounting of future dividends; the weak point is high sensitivity to changes in the assumptions as to future dividends made in the valuation model.

NAV - valuation based on equity value, one of the most frequently used method in case of developing companies; the weak point of the method is that it does not factor in future changes in revenue/profits of a company.

Dom Maklerski mBanku

Senatorska 18 00-082 Warszawa http://www.mbank.pl/

Research Department

Kamil Kliszcz director +48 22 438 24 02 kamil.kliszcz@mbank.pl energy, power generation

Jakub Szkopek +48 22 438 24 03 jakub.szkopek@mbank.pl industrials, chemicals, metals

Piotr Bogusz +48 22 438 24 08 piotr.bogusz@mbank.pl retail Michał Marczak +48 22 438 24 01 michal.marczak@mbank.pl strategy

Paweł Szpigiel +48 22 438 24 06 pawel.szpigiel@mbank.pl media, IT, telco Michał Konarski +48 22 438 24 05 michal.konarski@mbank.pl banks, financials

Piotr Zybała +48 22 438 24 04 piotr.zybala@mbank.pl construction, real-estate development

Sales and Trading

Traders

Piotr Gawron director +48 22 697 48 95 piotr.gawron@mbank.pl

Jędrzej Łukomski +48 22 697 49 85 jedrzej.lukomski@mbank.pl

Andrzej Sychowski +48 22 697 48 46 andrzej.sychowski@mbank.pl Krzysztof Bodek +48 22 697 48 89 krzysztof.bodek@mbank.pl

Adam Prokop +48 22 697 47 90 adam.prokop@mbank.pl

Tomasz Galanciak +48 22 697 49 68 tomasz.galanciak@mbank.pl Tomasz Jakubiec +48 22 697 47 31 tomasz.jakubiec@mbank.pl

Szymon Kubka, CFA, PRM +48 22 697 48 54 szymon.kubka@mbank.pl

Magdalena Bernacik +48 22 697 47 35 magdalena.bernacik@mbank.pl

Sales, Foreign Markets

Marzena Łempicka-Wilim deputy director +48 22 697 48 82 marzena.lempicka@mbank.pl Bartosz Orzechowski +48 22 697 48 47 bartosz.orzechowski@mbank.pl

Private Broker

Kamil Szymański director, active sales +48 22 697 47 06 kamil.szymanski@mbank.pl Jarosław Banasiak deputy director, active sales +48 22 697 48 70 jaroslaw.banasiak@mbank.pl