



The sanctions against Russia

Were the Russia sanctions a mistake?



Dr. Michael Heise on Global Economics

August / September 2022

At first glance, the results of the Russia sanctions are sobering. There is no sign of even a rudimentary relenting in the war against Ukraine. The energy price shock, on the other hand, has had a severe impact on the economies of Europe. Were the sanctions a mistake?

About seven months ago, the EU, the USA and many other industrialized countries began imposing a wide range of sanctions on Russia. It is already clear that the measures have not achieved some of the hopes that were placed in them. While the sanctions will cause significant long-term damage to the Russian economy, in the short term they have hardly weakened Russia, which is expected to have record energy revenues and a huge foreign trade surplus in 2022.

Sanctions have a long-term effect

Most economists were already in broad agreement that the effects of sanctions generally take a few years before the desired impact is achieved. Russia's economy - to the extent that sanctions are maintained - will suffer considerable damage in the long term and be set back in its development. Western companies have largely withdrawn from the country. The fact that technology imports from Western countries are prohibited is arguably already hampering production in the aviation or automotive sectors, for example. In addition, Russian financial institutions, including the central bank, have been cut off from international payments, so that Russian companies have often lost access to developed markets.

In the long term, it will be a considerable disadvantage for Russian energy companies, as Western customers are gradually becoming less dependent on imports from Russia. Hopes that the loss of established sales markets could easily be compensated for by more intensive trade relations with China, India and other emerging markets are likely to be met with disappointment.



These countries will demand concessions, and they have nowhere near the payment power of the OECD countries.

Russia achieves record surpluses in the short term

In the short term, however, the picture is quite different. Russia's GDP is likely to decline significantly in 2022 and 2023, but the sanctions have not made it very difficult to finance the war, nor have they had any discernible impact on political decisions. Since the energy sector was not fully affected by the sanctions, Russia's export revenues have risen sharply and are heading for record levels in 2022.

Although Russia is exporting less oil, coal, and gas to the Western world in terms of volume, the price increase for these energy sources is far outweighing this decline. The price increase was also exacerbated by the fact that sanctions and possible energy embargoes against Russia were discussed for months at the international level, but actual import volumes fell only moderately.

The sanctions against Russia

Prof. Dr. Michael Heise on Global Economics – August / September 2022

Page 2

And what Russia could not sell to the West flowed to Asia and other emerging markets close to Russia. Thus, according to statements by the central bank, Russian export revenues have risen much stronger than expected.

Fig.1 Severe distortions of the oil market in Europe

Crude oil price (Brent, spot) *



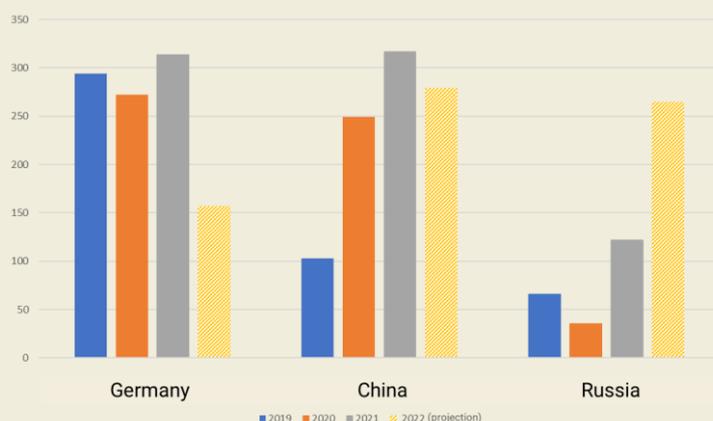
* point marks average from 01.09-12.09.2022

Source: World Bank, ECB, EEX, US Energy Information Administration, own calculations

Together with declining imports, this is likely to push Russia's current account surplus to a record USD 250 - 300 billion this year. Russia's export surplus would thus be about as large as China's and twice as high as the surplus of former world export champion Germany. Even if Russia's significantly increasing foreign exchange reserves can no longer be used freely due to the financial sanctions, there can be no question of the country having financing problems.

Fig. 2 Russia's huge export surplus

Current account balances in USD billion



Source: IWF External Sector Report 2022; own projection for Germany 2022, Destatis

Possible consequences of price caps for Russian gas & oil

Currently, there are international discussions about price caps for Russian oil and gas in order to cap Russia's earnings and the upward pressure on prices in consumer countries.

In fact, such instruments could result in an even more extensive supply freeze by Russia, as Putin has made it clear that Russia will not abide by contracts if such sanctions are taken and will not supply oil and gas to companies that demand a price cap.

The gas market is of particular importance here. It is true that the EU was able to reduce imports of Russian gas to a share of slightly less than 10% during the summer months. Germany now receives only small amounts of gas from Russia and has replenished its storage facilities.

This is a success, although it cannot be a reason to give the all-clear. Demand for gas will rise very sharply in the winter months and substantial savings or even rationing will then be necessary if, as is to be expected, supplies from Russia fail to materialize.

The sanctions against Russia

Prof. Dr. Michael Heise on Global Economics – August / September 2022

Page 3

Many European countries are still dependent on Russian energy

Moreover, there are many countries in Europe that are still heavily dependent on Russian energy. Despite conservation activities and new suppliers, they are already on the brink of recession due to energy price increases. These include Eastern European economies such as Bulgaria, Hungary and the Czech Republic, but also Finland and Austria. An abrupt supply freeze for all EU countries would significantly exacerbate the energy crisis through price increases for gas and electricity.

Price caps or import embargoes on energy from Russia are unlikely to trigger changes in Russia's war policy. The loss of foreign exchange income would be bearable for Russia for some time given its large foreign exchange cushions, which in any case do not play the decisive role in financing the war.

However, the long-term weakening of the Russian economy through permanently low energy exports to the markets of OECD countries would be serious. Given the recent escalation of the conflict and Russia's partial mobilization, however, one may doubt that these long-term effects play a role in Putin's political calculations. Possibly, there is confidence that energy supplies to friendly states such as China and India could be increased accordingly in the long term.

The alliances of autocrats

The redirection of trade and capital flows is already in full swing. China has massively expanded its exports to Russia over the years and, even before the war, has become Russia's largest supplier by far; a position held by Germany twenty years ago. Alliances between Russia and China, as well as those with other autocratic states, are becoming much stronger, even if the recent escalation in the Ukraine war is politically displeasing in China, for example.

The prospect of cheap energy and other commodity imports from Russia is extremely positive for many emerging economies, promising higher prosperity and new competitive advantages over developed economies.

If developments continue as they have this year, trade flows and capital flows will intensify between, for example, Russia, China and allied countries that are politically and economically close to them. And at the same time, the democratic countries of the West, together with developed economies of Asia, will intensify trade and capital flows among themselves. Globalization will not end, but it will change its pattern.

From the point of view of the democratic community of countries, the formation of a bloc is not a good development, neither politically nor economically. The advantages of the global exchange of goods will be used to a lesser extent and the already manageable cooperation on important global political issues such as climate policy or development policy will be further diminished. To counter this, dialogue and the further development of the international regulatory framework are needed. Economic sanctions, which could increasingly be directed against China, should not be relied upon; they are more likely to exacerbate nationalistic tendencies in politics.

Quick solutions are not in sight

It is likely that the fighting in Ukraine will continue for some time. Sanctions are unlikely to change the situation in the short term, rather it would come from military failures by the Russian army. With no ceasefire or political negotiations in sight, European countries in particular must prepare for a prolonged period of strains and energy shortages. However, the willingness of the population to accept harsh restrictions due to sanctions and counter-reactions will be put to the test.

Sanctions that do not decisively weaken the addressee or induce it to make political concessions, but at the same time hit the initiator hard economically, will become increasingly difficult to negotiate. In terms of economic policy, this will mean that even more relief packages for private households and the companies affected are likely to be adopted. This will lead to increasing public debt and thus to very long-term effects of the Ukraine crisis.

An easing of sanctions is currently not politically on the table, as no negotiation offers have been made by Moscow. The long-term damage to the Russian economy does not seem to trigger a willingness to change course, and in the short term, the economic pressure is bearable for Russia.

The crisis will have to be resolved through military and political processes, not sanctions. If this does not succeed in the near future, Russia, with its vast wealth of raw materials, will increasingly become an ally of China and other autocratic states. As a result, China will gain power. This insight is also likely to be present in U.S. policy, whose focus is primarily on Asia. This could increase the pressure to bring about a political solution to the Ukraine war and thus also to resume economic relations with Russia. However, the prospect of this is still some way off.

The sanctions against Russia

Prof. Dr. Michael Heise on Global Economics – August / September 2022

Page 4

Conclusions for the capital markets

Uncertainty about the Ukraine conflict and the supply situation as well as price developments on the energy and commodity markets will persist for an undetermined period.

However, this and the expectation of a recessionary trend, especially in the European economies, should already be largely reflected in stock market valuations, which have recently fallen considerably.

Russia's threat potential has diminished considerably with the declining market shares in the energy supply of Western countries. In this respect, even a continuation of the conflict should not stand in the way of a later recovery of prices. Crucial to this is the prospect of a decline in the currently very high inflation rates and thus the expectation of a less restrictive monetary policy.

These developments are not completely independent of developments in Ukraine, but are much more dependent on global economic developments and the orientation of the most important central banks.

Notes on investment strategy - investment recommendation pursuant to Section 85 of the German Securities Trading Act (WpHG) in conjunction with the German Securities Trading Act (WpHG). VO (EU) No. 596/2014

General

The investment strategy and/or investment recommendations (hereinafter referred to as "analyses") are prepared by LeanVal Research GmbH for information purposes only.

Neither LeanVal Research GmbH nor its employees assume any liability for damages arising from the use of the analyses or their contents or in any other way in connection with them. The analyses do not constitute an offer or invitation to subscribe to or purchase any security, nor do they or the information contained therein form the basis for any contractual or other obligation of any kind. An investment decision should be made on the basis of a duly approved prospectus or information memorandum and in no case on the basis of the analyses. Investors should seek the advice of an investment adviser in making their investment decision. In this respect, the analyses cannot assume an advisory function. The opinions, estimates and forecasts contained in the analyses are solely those of the respective authors. They are date-related, not necessarily the opinion of LeanVal Research GmbH and may change at any time without prior notice.

The information and evaluations ("Information") reproduced here are primarily intended for clients of LeanVal Research GmbH in Germany. Should the original recipient forward the analysis, he/she is obliged to do so in compliance with existing regulations and laws and no obligation of LeanVal Research GmbH towards a third party arises from this. In particular, the information is not intended for clients or other persons domiciled or resident in the United Kingdom, the United States or Canada and may not be passed on to such persons or imported into or distributed in these countries. Distribution of the Analytics in other jurisdictions may be restricted by law and persons into whose possession the Analytics come should inform themselves about and comply with any restrictions. Any failure to comply with these restrictions may constitute a violation of applicable securities laws. Reprinting, redistribution, and publication of the analyses and their contents in whole or in part are permitted only with the prior written consent of LeanVal Research GmbH.

Information sources

All analyses are prepared on the basis of data from a data provider as well as from generally accessible sources ("Information") that LeanVal Research GmbH considers to be reliable. However, LeanVal Research GmbH has not verified the accuracy or completeness of the Information and assumes no liability for the accuracy or completeness of the Information. Possible incomplete or incorrect information does not justify any liability of LeanVal Research GmbH for damages of any kind, and LeanVal Research GmbH is not liable for indirect and/or direct damages and/or consequential damages. In particular, LeanVal Research GmbH assumes no liability for statements, plans or other details contained in these analyses with regard to the investigated companies. Although the analyses are compiled with all due care, errors or incompleteness cannot be excluded. LeanVal Research GmbH, its shareholders, corporate bodies and employees assume no liability for the accuracy or completeness of the statements, assessments, recommendations derived from the information contained in the analyses. Data source for all historical prices is Morningstar and LeanVal Research.

Summary of the valuation fundamentals

The valuations underlying the investment recommendations for stocks analyzed by LeanVal Research GmbH are based on generally accepted and widely used methods of fundamental analysis, such as the DCF model, peer group comparisons, NAV valuations and - where possible - a sum-of-the-parts model. The calculated scores (Value, Quality, Stability, Growth) are the result of a proprietary model of LeanVal Research GmbH. They result from the comparison of fundamental key figures of the quantitatively analyzed company in relation to comparable companies within a sector (or region). Information on the general approach can be found at www.leanval.investments. The absolute target price and the associated absolute assessment (undervalued, neutrally overvalued) are determined using a forward-looking DCF or ROIC (return on invested capital) method. Estimates of future earnings serve as the basis for this. The earnings estimates are either based on a consensus or are made by LeanVal Research GmbH itself.

Updates

The recipients are not entitled to the publication of updated analyses. LeanVal Research GmbH reserves the right to update analyses without prior notice. A regular update of this document is not intended.

Compliance

LeanVal Research GmbH has taken internal organizational and regulatory precautions to avoid conflicts of interest in the preparation and dissemination of financial analyses. In particular, there are internal information barriers that prevent analysts from accessing insider information. Compliance is monitored by the Compliance Officer.

Explanation of the recommendation system

The relative assessment is based on the various scores of the individual companies in the areas of Value, Quality, Stability, Growth and Momentum which are compared with the average scores of the overall market and/or also with the respective sectors. The companies are ranked on a scale from 0 to 100. From this, the three ratings "unattractive" (0 to 30 on the scale), "neutral" (31 to 70 on the scale) and "attractive" (71 to 100 on the scale) are derived. The relative assessment can change at short notice due to the high complexity of the scores and the multiple interdependencies between the companies analyzed.

LeanVal Research GmbH's rating system for absolute valuation comprises the ratings "undervalued", "fairly valued" and "overvalued". The rating of a share is based on the expected return for the next six to twelve months. The expected return is composed of the prognostic change in the share price and the expected dividend yield. Changes in the discount factor or projected cash flows can lead to significant changes in the target price.

Rating system of the absolute valuation

Buy	Potential > +15%
Hold	Low upside and downside potential
Sell	Potential < - 15%

Conflicts of interest

In the financial analyses, circumstances or relationships that could give rise to conflicts of interest because they could jeopardize the impartiality - of the employees of LeanVal Research GmbH who prepared the analysis, - of LeanVal Research GmbH as the company responsible for the preparation or of companies affiliated with it, or - of other persons or companies working for LeanVal Research GmbH and contributing to the preparation, must be disclosed. Information on interests or conflicts of interest that must be disclosed exists in particular if

1. significant shareholdings (= shareholding > 5 % of the share capital) exist between the above-mentioned persons or companies and the issuers who are themselves or whose financial instruments are the subject of the financial analysis,
2. the above-mentioned persons or companies manage financial instruments which themselves or their issuers are the subject of the financial analysis on a market by placing buy or sell orders (market making/designated sponsoring),
3. the above-mentioned persons or companies have been involved in the management of a consortium for an issue by way of a public offering of such financial instruments which are themselves or whose issuers are the subject of the financial analysis within the previous twelve months,
4. the above-mentioned persons or companies have been bound by an agreement on services in connection with investment banking transactions with issuers who are themselves or whose financial instruments are the subject of the financial analysis within the previous twelve months or have received a service or a promise of service from such an agreement within this period, insofar as no confidential business information is affected by the disclosure of this information,
5. the above-mentioned persons or companies have entered into an agreement with issuers, who themselves or whose financial instruments are the subject of the financial analysis, for the preparation of the financial analysis,
6. the above-mentioned persons hold management or supervisory board mandates with issuers whose financial instruments are the subject of the financial analysis, or
7. the above-mentioned persons or companies have any other significant financial interests in relation to the issuers whose financial instruments are the subject of the financial analysis.

LeanVal Research GmbH
Bleichstraße 52, 60313 Frankfurt am Main

Phone: +49 69 9494 88 050,
Email: research@leanval.investments