

# The war in Ukraine is putting global supply chains to the test – again

Even before the war began, supply chain frictions had only improved marginally from the Covid-19 pandemic. Now, expect even longer-lasting disruptions, a new round of delays, and protracted supply shortages



We can say with high certainty that world trade this year will weaken more sharply than expected

The pandemic is not even over as the latest lockdowns in China illustrate, and the war in Ukraine is putting global supply chains through another test. Distortions in supply because of the destruction of war and disabled supply chains, sanctions, and voluntary self-sanctioning all hit trade. Consequently, extra customs inspections will delay handling and shipments, and detours have to be made, limiting transport capacities. The shortage of workers might also intensify. Around 14.5% of all seafarers come from Russia and Ukraine, according to the International Chamber of Shipping, and the closure of airspace has made travelling and relocation for seafarers more difficult. Many truck drivers are Ukrainian, possibly intensifying the estimated shortage of 400,000 truck drivers across the EU.

## No economic sector can escape the surge in energy prices

Although Russia and Ukraine's global trade share in exports and imports does not exceed 2%, both countries are crucial commodity exporters. In addition to energy exports, Russia and Ukraine export agricultural products such as [wheat, corn, and sunflower oil](#) and large amounts of commodities such as steel palladium, platinum, and nickel, amongst others. The EU, for example,

imports 30.1% of its Extra EU nickel imports, 81% of its Extra EU nickel ores and concentrates, 48.5% of semi-finished products of iron or steel, and more than 20% of copper and platinum from Russia. Even if the trading amounts are not always high, there are clear dependencies in some areas. Low-income countries, in particular, rely on Russia's and Ukraine's food and fertiliser exports.

What weighs even more heavily on consumers and producers is the surge in energy costs, however. Consumers have slashed their buying expectations, while for some producers it is already [too costly to produce at all](#) given high gas prices, adding to existing material bottlenecks caused by the pandemic. What is more, [soaring fuel prices significantly push up transport costs](#). Continued uncertainty will keep commodity prices elevated throughout the year, affecting all links in the supply chain.

## What this means for supply chains and our trade outlook

Delays and congestion suggest longer-lasting problems for supply chains. Sailing and air freight schemes have to be reorganised and delays will intensify as Russian products are subject to sanctions. Shippers will have to avoid the Euro-Asian railway through Russia. Delivery of crucial preliminary products to European manufacturers will be delayed – if delivered at all. On top of that, scarcity and new frictions in transport mean further price pressures, resulting in ongoing higher prices for producers and consumers on top of elevated energy prices. Contrary to supply chain frictions in the wake of the pandemic, the supply chain distortions due to the war in Ukraine will possibly be permanent. All supply chain frictions of the last two years, be it container prices, logistical issues, or production drops in microchips, will at some point in time be resolved. Supply chains hit by the war are unlikely to return to normal. Logistical routes might have to be rerouted for good. Imports from Russia might have to be replaced for good. The longer-term implications of these changes are still hard to quantify.

---

### *World trade will weaken more sharply than expected this year*

---

We can say with high certainty that world trade this year will weaken more sharply than expected. Continued supply chain troubles following the pandemic and higher inflation and shipment costs pose further downside risks to our trade outlook. Sanctions on several products previously exported to Russia, voluntary bans on exports, and efforts to reduce oil and gas imports will all hit global trade this year. Nevertheless, we continue to expect some growth in world trade volume in 2022. The US economy and the Asian region, excluding China, have limited direct economic linkages to the area, which bodes well for continued trade, although they are not immune to the indirect consequences of this conflict, such as a sharp drop in demand from Europe.

Also, don't forget that local lockdowns in order to combat Covid-19 pose another downside risk, as recent events in Shenzhen and Shanghai have shown. Consequently, [trade growth might hover just above the 0% area](#). But whatever happens, trade flows will be significantly reshaped by countries sourcing alternatives for commodities, and the shift towards more self-sufficiency – which was already visible before the war – will be spurred further.

## Author

### Inga Fechner

Senior Economist, Germany, Global Trade

[inga.fechner@ing.de](mailto:inga.fechner@ing.de)

## Disclaimer

This publication has been prepared by the Economic and Financial Analysis Division of ING Bank N.V. (“ING”) solely for information purposes without regard to any particular user’s investment objectives, financial situation, or means. *ING forms part of ING Group (being for this purpose ING Group N.V. and its subsidiary and affiliated companies)*. The information in the publication is not an investment recommendation and it is not investment, legal or tax advice or an offer or solicitation to purchase or sell any financial instrument. Reasonable care has been taken to ensure that this publication is not untrue or misleading when published, but ING does not represent that it is accurate or complete. ING does not accept any liability for any direct, indirect or consequential loss arising from any use of this publication. Unless otherwise stated, any views, forecasts, or estimates are solely those of the author(s), as of the date of the publication and are subject to change without notice.

The distribution of this publication may be restricted by law or regulation in different jurisdictions and persons into whose possession this publication comes should inform themselves about, and observe, such restrictions.

Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of ING. All rights are reserved. ING Bank N.V. is authorised by the Dutch Central Bank and supervised by the European Central Bank (ECB), the Dutch Central Bank (DNB) and the Dutch Authority for the Financial Markets (AFM). ING Bank N.V. is incorporated in the Netherlands (Trade Register no. 33031431 Amsterdam). In the United Kingdom this information is approved and/or communicated by ING Bank N.V., London Branch. ING Bank N.V., London Branch is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. ING Bank N.V., London branch is registered in England (Registration number BR000341) at 8-10 Moorgate, London EC2 6DA. For US Investors: Any person wishing to discuss this report or effect transactions in any security discussed herein should contact ING Financial Markets LLC, which is a member of the NYSE, FINRA and SIPC and part of ING, and which has accepted responsibility for the distribution of this report in the United States under applicable requirements.

Additional information is available on request. For more information about ING Group, please visit <http://www.ing.com>.