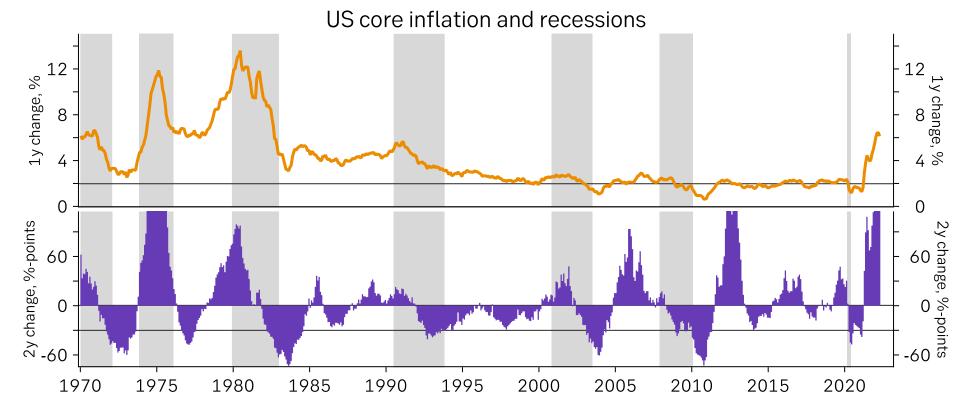
# Stagflation fears Erica Dalstø, Chief Strategist SEB

## Soft landing an economy is not easy Is this time different?

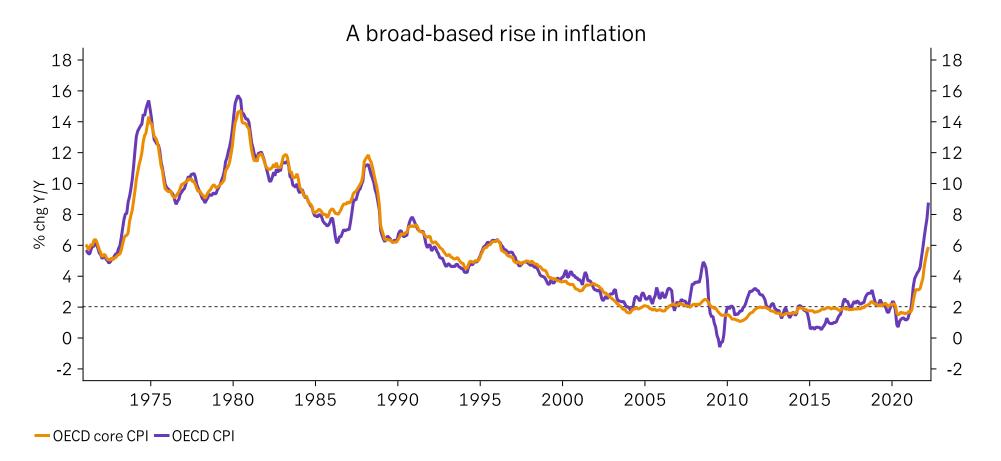


<sup>-</sup> US core CPI inflation ■ US core CPI inflation, 2Y change

Source: U.S. Bureau of Labor Statistics (BLS), Macrobond, SEB

#### A new reality after 20 years with lowflation

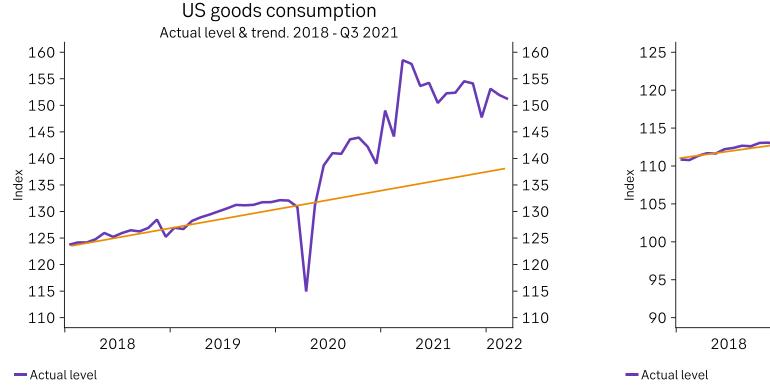
Post-pandemic hangovers and new challenges



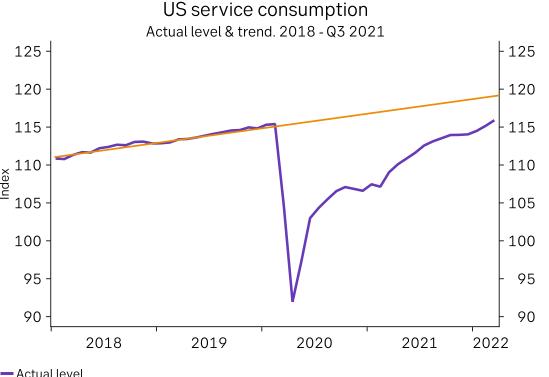
Source: OECD, Macrobond, SEB

#### #1 A demand boom for goods

Too generous policy stimulus



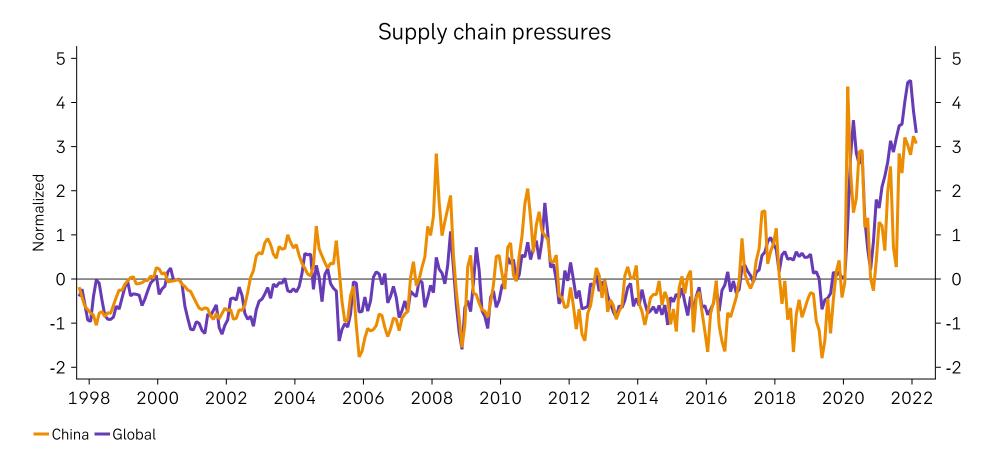
Source: U.S. Bureau of Economic Analysis (BEA), Macrobond, SEB



Source: U.S. Bureau of Economic Analysis (BEA), Macrobond, SEB

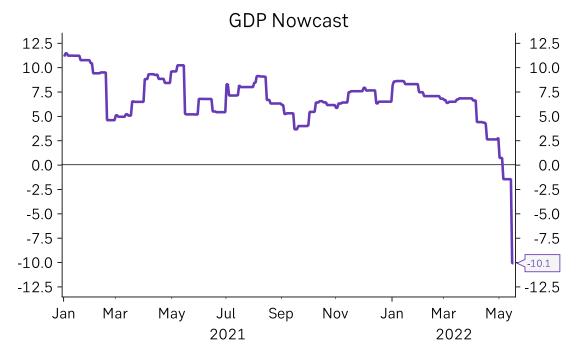
#### #2 Global supply disruptions

Longer delivery times at a higher cost, bottlenecks in the global transport system



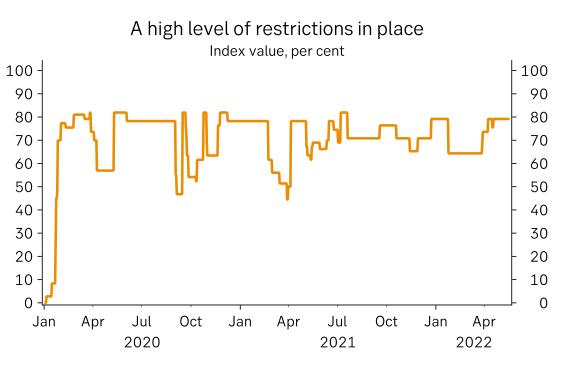
#### #2 No ease in sight as China «stays home»

China's strict COVID policy is restraining activity and disrupting production chains



- China, current quarter

Source: JPMorgan, Macrobond, SEB

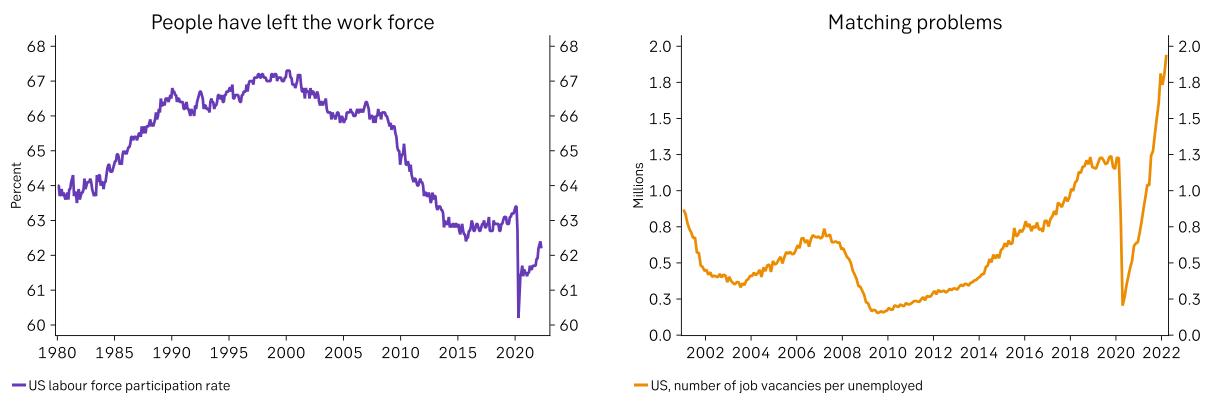


- China: Degree of COVID-related restrictions

Source: University of Oxford, Macrobond, SEB

#### #3 The great resignation

People are not back in the labour market, and increased matching problems among those available for work

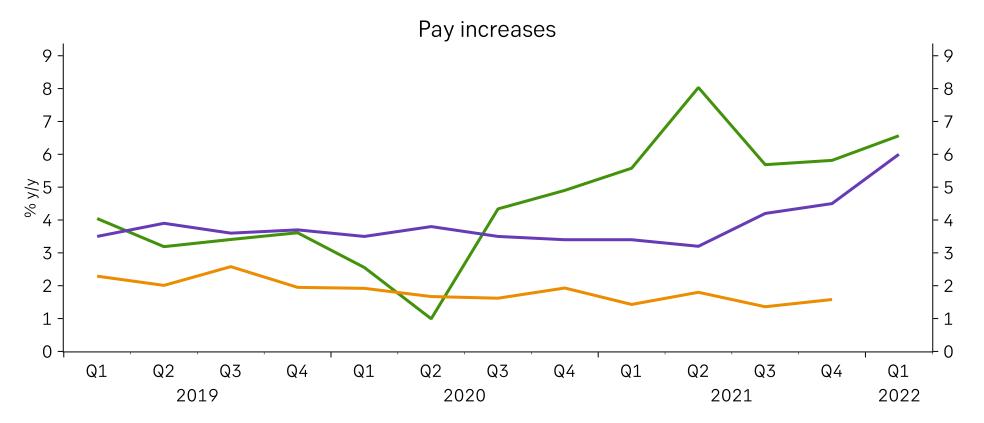


Source: U.S. Bureau of Labor Statistics (BLS), Macrobond, SEB

Source: U.S. Bureau of Labor Statistics (BLS), Macrobond, SEB

#### #3 Risks of price-wage spirals

Historical low unemployment and high inflation push wages higher

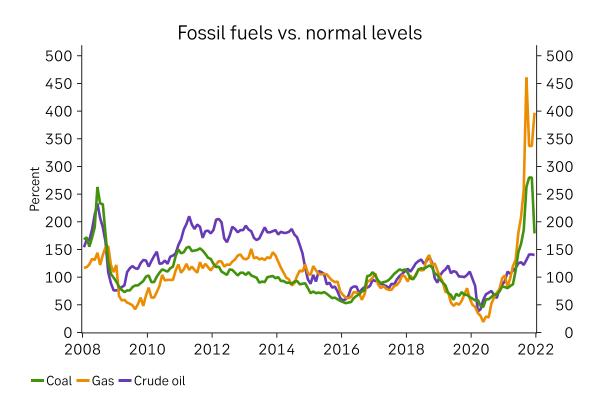


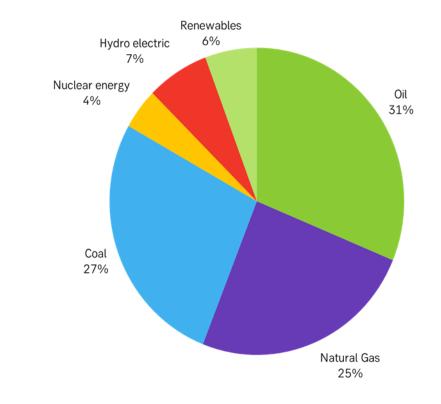
- US, median wage - Euro area, negotiated wages - UK, median pay

Source: U.K. Office for National Statistics (ONS), ECB (European Central Bank), Federal Reserve Bank of Atlanta, Macrobond, SEB

#### A global energy crisis

Surprisingly strong demand, low investments in new production, green energy shortages, hoarding ahead of the winter

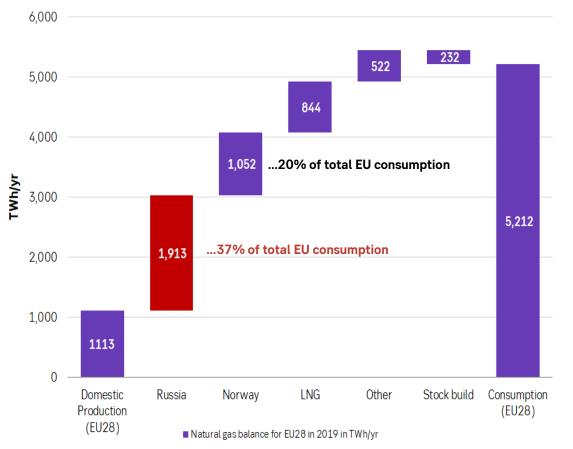




Source: Macrobond, SEB

### A fossil energy divorce from Russia

A war between two of the world's largest commodity and food exporters



EU28 nat gas balance – 2019 (TWh/yr)

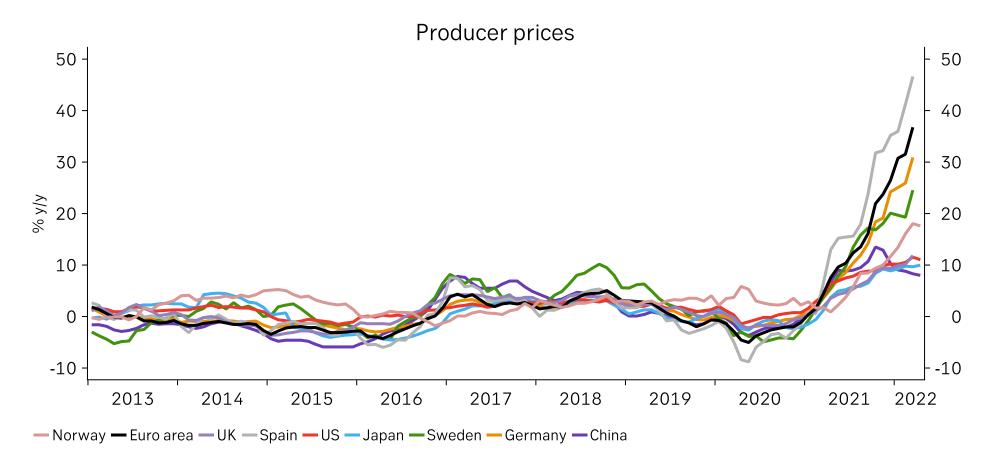
#### Russian nat gas pipeline network - an overview



SEB

### The result: Everything cost more

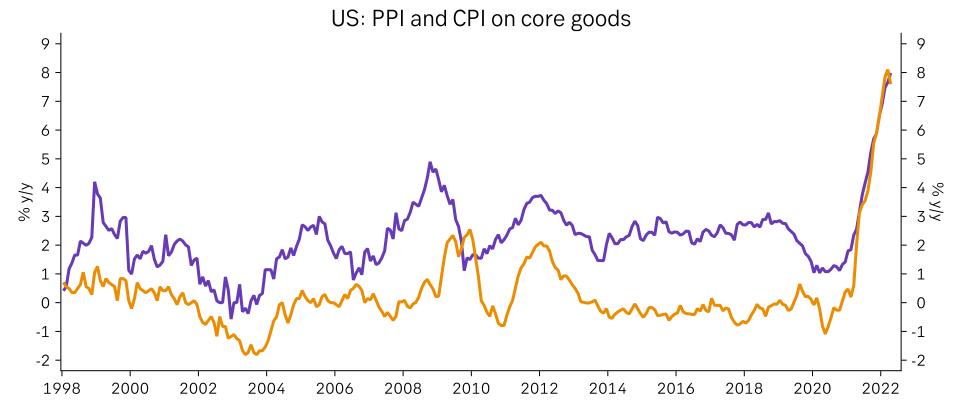
Damn if you do, damn if you don't...



Source: Macrobond, SEB

#### The solution: Higher prices

And there is more to come...

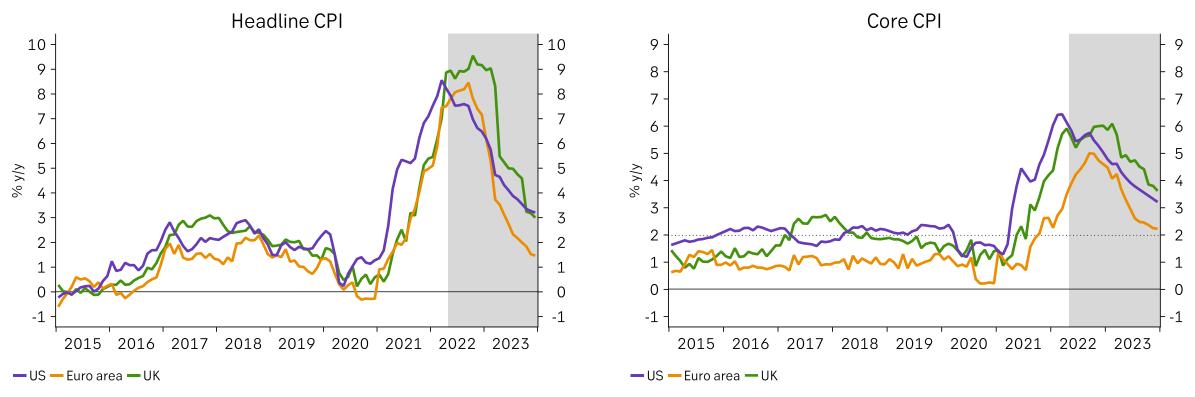


- CPI, goods ex used cars - PPI, consumer goods, ex food and energy

Source: U.S. Bureau of Labor Statistics (BLS), Macrobond, SEB

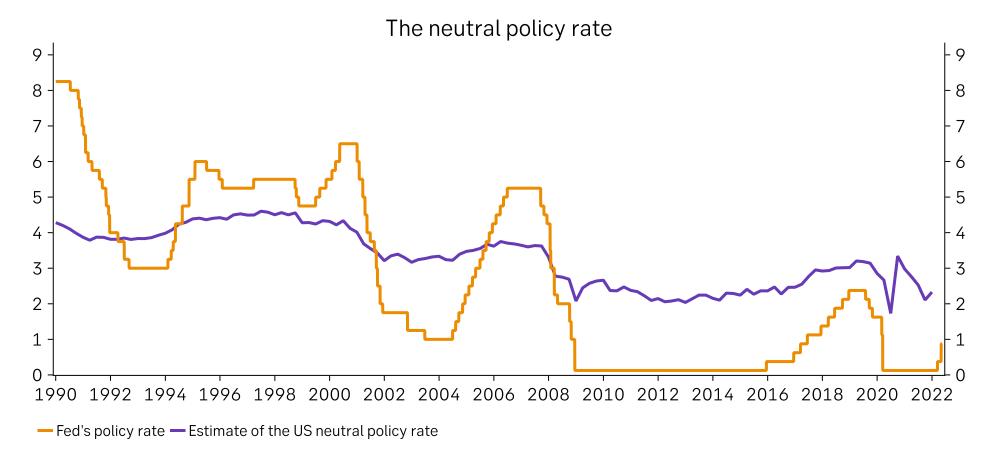
#### Transitory inflation upturn? Not really...

Upside risks still dominate



Source: Macrobond, SEB

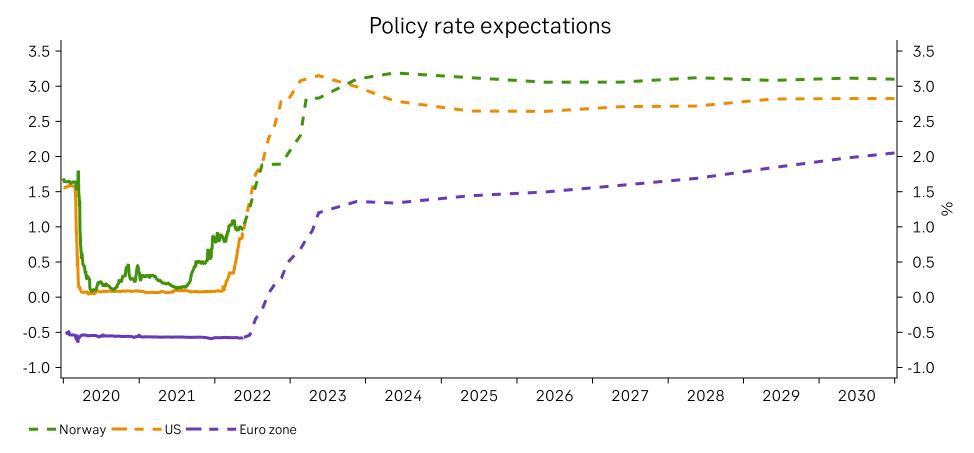
#### Back to normal, asap!



Source: Bloomberg, Macrobond, SEB

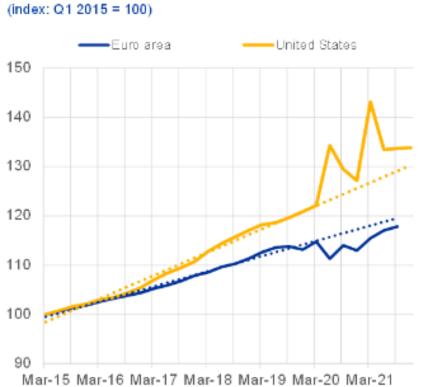
#### No time to spare

Acting fast to avoid inflation getting entrenched in inflation expectations and wage demands

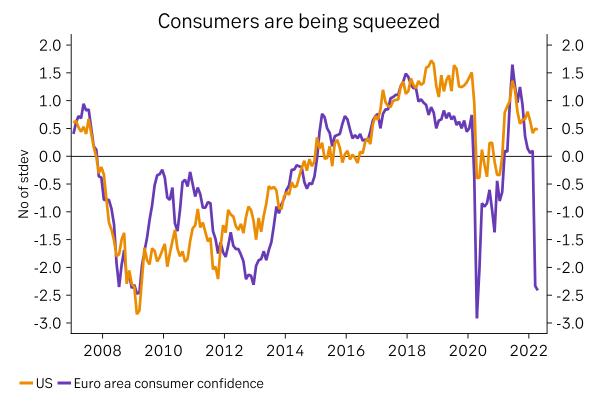


Source: Bloomberg, SEB

#### Risk of a consumer-driven recession



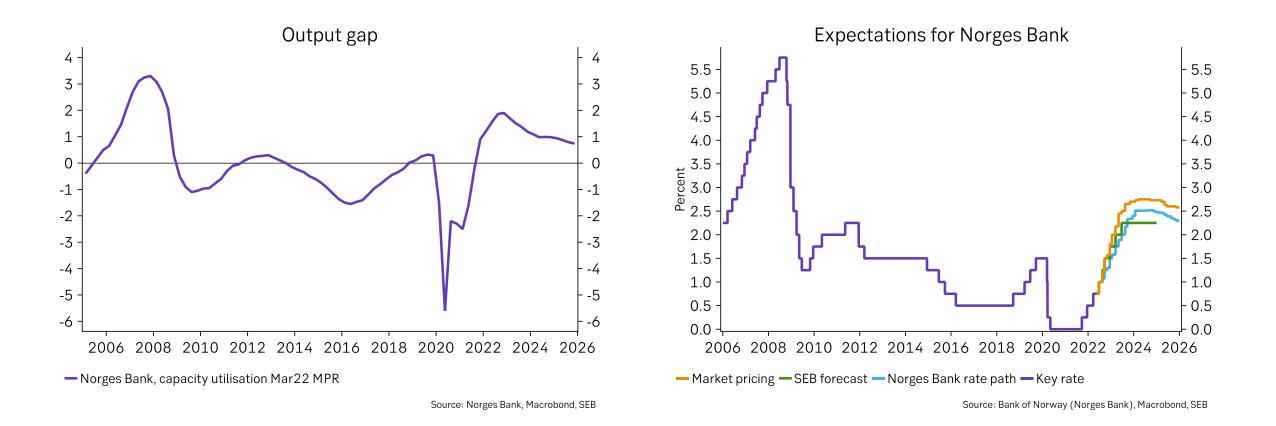
Household nominal income



Source: Macrobond, SEB

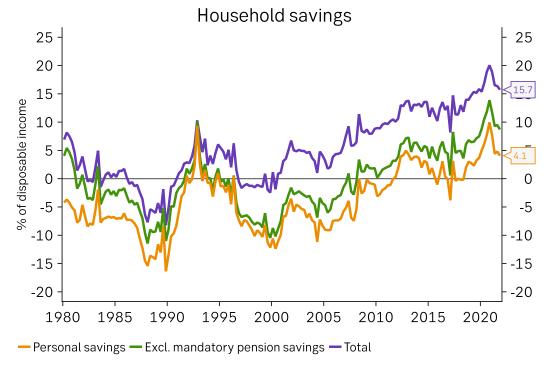
#### Norway: Overheating tendencies

Norges Bank is not «behind the curve», but risks of a price-wage spiral are real

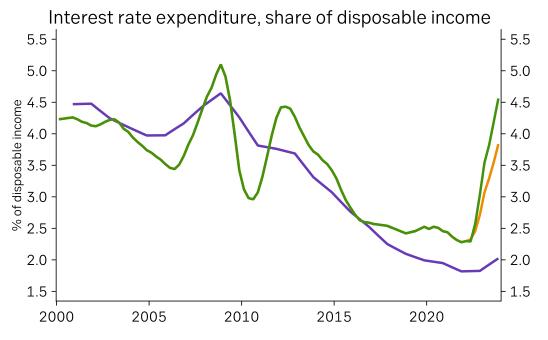


#### Sweden: Growth falling below trend in 2022-2023

Households squeezed by high inflation, energy prices, interest rates



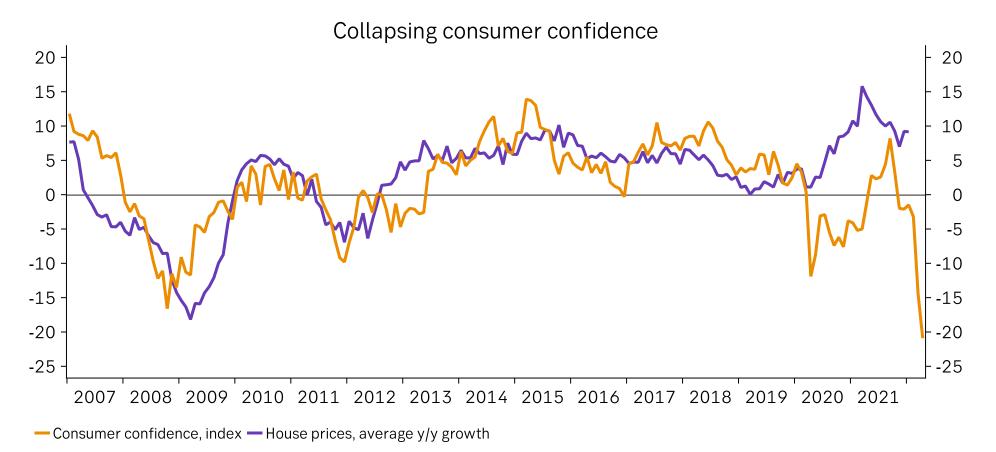
Source: Statistics Sweden (SCB), Macrobond, SEB



- Sweden, market rates - Sweden, SEB forecast

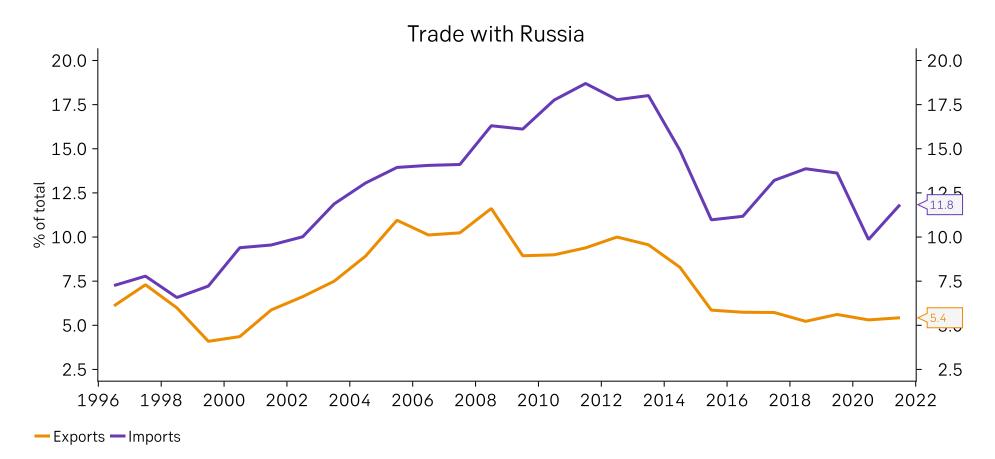
- Euro area (4 largest countries (DE, FR,IT, ES) acounting for 75-80% of the total euro area)

#### Denmark: Challenging outlook for households GDP growth moderating from 4.8% in 2021 to 2.4% in 2022 and 2023



Source: Statistics Denmark, Macrobond, SEB

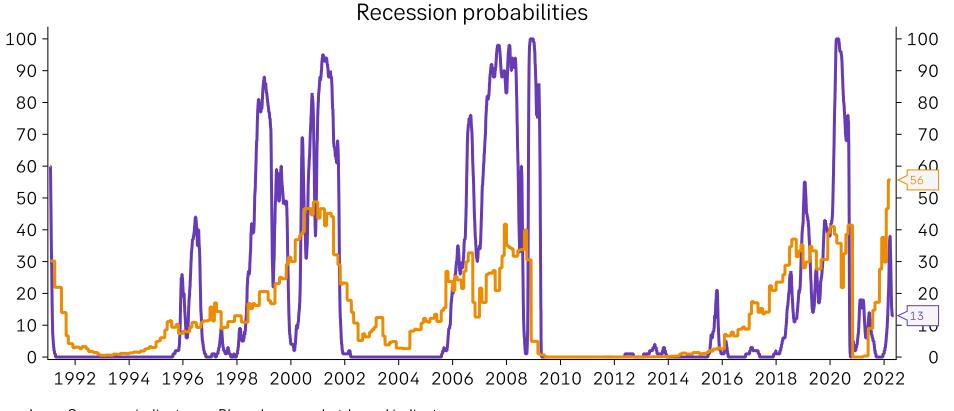
## Finland: Large trade with Russia induces vulnerability GDP growth slowing from 3.5% in 2021 to 1.8% in 2022 and 1.5% in 2023



Source: Finnish Customs, Macrobond, SEB

#### The jury is still out there

Large deviations in recession probability

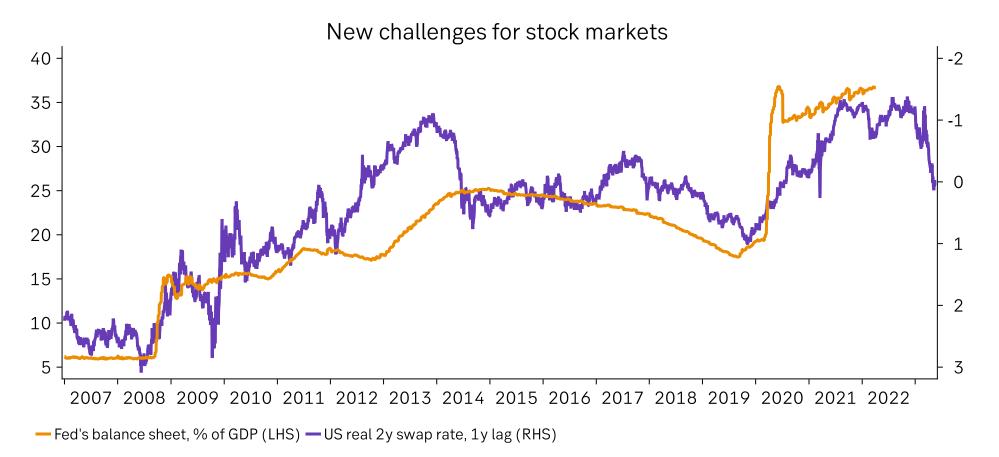


- Larry Summers indicator - Bloomberg market-based indicator

Source: Bloomberg, Macrobond, SEB

#### A new world order

Real rates are rising, liquidity is tightening



Source: Bloomberg, Macrobond, SEB



Important: This statement affects your rights

All research (reports, studies and publications) produced by SEB Merchant Banking, a division of Skandinaviska Enskilda Banken AB (publ) ("the Bank"), is produced for institutional investors only. It is not intended for private clients or Private Customers (as defined by the UK Financial Services Authority, (the "FSA")) and must not be distributed to private clients or Private Customers.

The Bank has offices in Copenhagen, Frankfurt, Helsinki, London, New York, Oslo, Paris, Singapore and Stockholm. This report is produced for private information of recipients and SEB Merchant Banking's research department is not soliciting any action based upon it. Opinions contained in this research report represent SEB Merchant Banking's research department present opinion only and are subject to change without notice.

All information contained in this report has been compiled in good faith from sources believed to be reliable. However, no representation or warranty, expressed or implied, is made with respect to the completeness or accuracy of its contents and the report is not to be reliable. However, no representation or warranty, expressed or implied, is made with respect to the completeness or accuracy of its contents and the report is not to be reliable. However, no representation or warranty, expressed or implied in good faith from sources believed to be reliable. However, no representation or warranty, expressed or implied is a completeness or accuracy of its contents and the report is not to be reliable. However, no representation or warranty, expressed or implied is a completeness or accuracy of its contents and the report is not to be reliable. However, no representation or warranty, expressed or implied is a completeness or accuracy of its contents and the report is not to be reliable. However, no representation or warranty, expressed or implied is a completeness or accuracy of its contents.

Your attention is drawn to the fact that the Bank, a member of, or any entity associated with the Bank or its affiliates, officers, directors, employees or shareholders of such members may from time to time (a) have a long or short position or holding in the securities or options of such companies mentioned herein, (b) buy or sell or participate in an issue of such securities or options, (c) provide corporate finance services to such companies or in relation to such securities or options, (d) be represented on the board of directors or similar supervisory entity of such companies. The Bank may make a market in the securities mentioned in this report.

Authors' statement of independence (Analyst Certification). We, the authors of this report, hereby confirm that notwithstanding the existence of any potential conflicts of interest referred to herein, the views expressed in this report accurately reflect our personal views about the companies and instruments covered. We further confirm that we have not been, nor are or will be, receiving direct or indirect compensation in exchange for expressing any of the views or the specific recommendation contained in the report. We are not registered or qualified as research analysts, representatives or associated persons under the rules of any US exchange, regulatory organization or State

This statement affects your rights: This report is confidential and may not be reproduced, redistributed or republished by any recipient for any purpose or to any person.

Recipients. SEB Research is approved and issued by Skandinaviska Enskilda Banken AB (publ) ("SEB"), a bank organized under the laws of the Kingdom of Sweden, on behalf of itself and its affiliates for institutional investors. SEB is not a registered Broker-Dealer under the US Securities and Exchange Act of 1934. This report must not be distributed to retail clients except those of SEB Oslo Branch and, in case of research distributed via SEB Helsinki Branch, to its retail clients located in Finland.

Use. This research report is produced for the private information of recipients - if you are not a client of ours, you are not entitled to this research report, and should destroy it. The document is not, and should not be construed as, an offer to sell or solicitation of an offer to buy any securities. Opinions contained in the report represent the author's present opinion only and may be subject to change. In the event that the author's opinion should change or a new analyst with a different opinion becomes responsible for our coverage of the company concerned, we shall endeavour (but do not undertake) to disseminate any such change, within the constraints of any regulations, applicable laws, internal procedures within SEB, or other circumstances.

Good faith and limitations. All information, including statements of fact, contained in this research report have been obtained from SEB, Bloomberg or Macrobond and compiled in good faith from sources believed to be reliable. However, no representation or warranty, express or implied, is made by SEB with respect to the completeness or accuracy of its contents, and it is not to be relied upon as authoritative and should not be taken in substitution for the exercise of reasoned, independent judgement by you. Recipients are urged to base their investment decisions upon such investigations as they deem necessary. To the extent permitted by applicable law, no liability whatsoever is accepted by SEB for any direct or consequential loss arising from the use of this document or its contents.

Distribution. This research report has been prepared by SEB or its affiliates and is being distributed by SEB offices in Stockholm, Copenhagen, Oslo, Helsinki, Frankfurt, London, Tallinn, Vilnius, Singapore and Hong Kong. Research reports are prepared and distributed in Lithuania by AB SEB bankas and in Estonia by AS SEB Pank in accordance with the requirements of the local laws and Financial Supervision Authority's conduct of business rules. It is being distributed in the United States by SEB Securities Inc. ('SEBSI'), a wholly owned subsidiary of SEB organized under the laws of the State of Delaware, USA. Any United States institutional investor receiving the report, who wishes to obtain further information or to effect a transaction in any security discussed in the report, should do so only through SEBSI and not its affiliates. Addresses and Phone numbers for each office can be found at the end of the report.