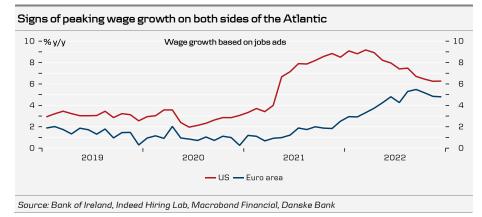
# **Global Inflation Watch**

# Central banks welcome easing wage inflation

- **Overview:** Inflation drivers continue to paint a mixed picture but inflation is likely to head lower through 2023 in US and the euro area. Price pressures from food and freight rates have clearly eased while metal prices have recovered lately. Energy and electricity prices have declined sharply amid warmer weather in Europe. Labour markets remain tight, but wage pressures have showed tentative signs of easing as economies are cooling down. In December, core inflation continued to pick up speed in the euro area, while US CPI showed some easing in underlying inflation pressures. Looking forward, easing financial conditions, less negative growth outlook and the recovery in China continue to pose upside risks to inflation in 2023.
- **Inflation expectations**: Both US and euro area consumer inflation expectations have remained elevated, but off the peak levels. Market-based long-term inflation expectations have remained stable over the past month.
- US: On first glance, US December CPI came out close to our and consensus expectations: headline -0.1% m/m (forecast 0.0%) and core +0.3% m/m (+0.3%). While core services inflation picked up more than expected (0.5%; from 0.4%), the uptick was driven by faster shelter and health care inflation, while broader wage-sensitive inflation cooled. The contribution from core goods CPI was slightly less negative than in November, but the normalizing consumption will likely continue pushing prices gradually lower in the coming months. Energy prices also declined, and food price inflation continues to ease. Overall the early signs of easing wage and core services inflation ease the pressure on the Fed to continue hiking rates aggressively in the spring.
- **Euro:** While markets cheered another marked decline in headline inflation to 9.2%, the same cannot be said for core inflation which reached a new record high of 5.2% in December. For the time being, lower energy prices and base effects, as well as government interventions are pushing down headline inflation. However, with a tight labour market and still elevated selling price expectations, high core inflation will likely remain a worry for ECB for some time. In a positive development, consumer inflation expectations and high-frequency wage growth measures have eased a bit lately.
- **China**: CPI increased from 1.6 % y/y to 1.8% y/y in December and CPI ex. food was unchanged at a low 1.1%. PPI increased to -0.7% y/y from -1.3% y/y.



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Note: Past or current performance is no guarantee of future performance

Source: Macrobond Financial, Bloomberg

# High core inflation will likely remain a worry for ECB for some time yet



Source: Macrobond Financial, Eurostat, Danske Bank

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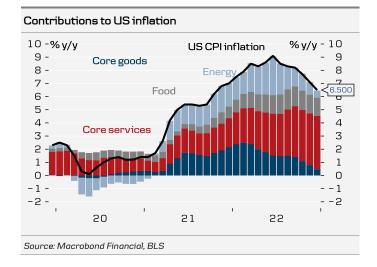
# Top down overview

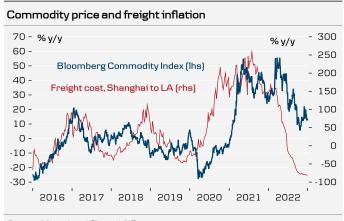
#### Trend in inflation pressure moving lower

Inflation Score Card		
Commodity prices	Oil	2
	Metals	<b>N</b>
	Food stuff	<b>N</b>
	Gas	<b>→</b>
Supply Chains	Freight rates	<b>N</b>
	Delivery times	<b>M</b>
Wage pressure		7
Inflation expectations		<b>→</b>
Pricing power	_	<b>N</b>
Source: Macrobond Financial, BLS		



Source: Macrobond Financial, BLS

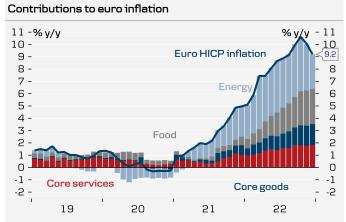




Source: Macrobond Financial, Eurostat

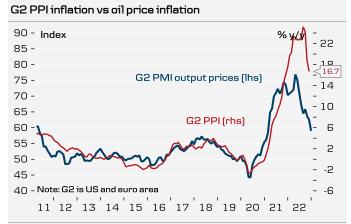






Source: Macrobond Financial, Eurostat





Source: Macrobond Financial, BLS, Eurostat



China PMI man, output prices (rhs)

2019

5050

2021

China PPI, % m/m (1

2.0 -

1.5

1.0

0.5

0.0

-0.5 -

-1.0

-1.5

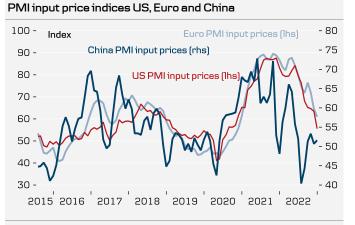
Source: Macrobond Financial, Markit

2018

2017



Source: Macrobond Financial, Eurostat, ECB



Source: Macrobond Financial. Markit

Index

- 61

- 59

- 57

- 55

- 53

- 51

- 49

<-0.5

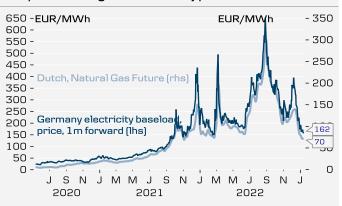
- 45

- 43

- 41

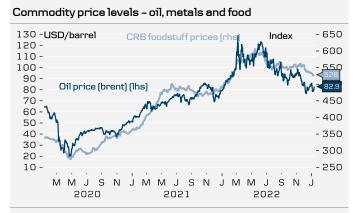
2022





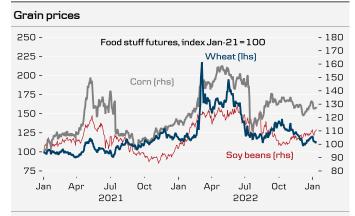
Note: Past or current performance is no guarantee of future performance Source: Macrobond Financial PBoC Danske Bank

Source: Macrobond Financial, BLS



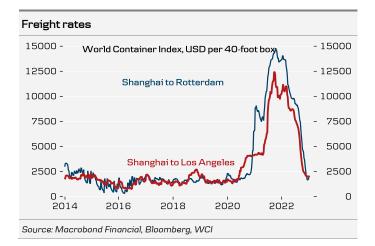
Source: Macrobond Financial, Bloomberg

Note: Past performance is not a reliable indicator of future performance.



Source: Macrobond Financial, Bloomberg

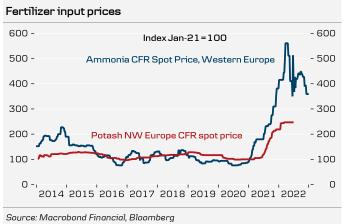
Note: Past performance is not a reliable indicator of future performance.





Source: Macrobond Financial, Bloomberg

Note: Past performance is not a reliable indicator of future performance.



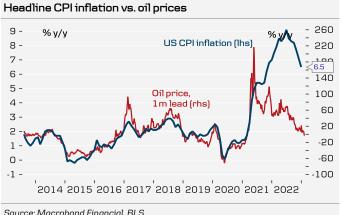
Note: Past performance is not a reliable indicator of future performance.

#### Bottle necks - supplier delivery indices

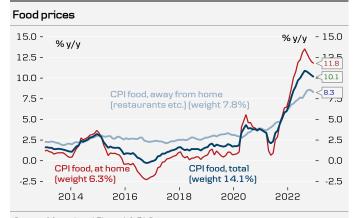


# Country details - US

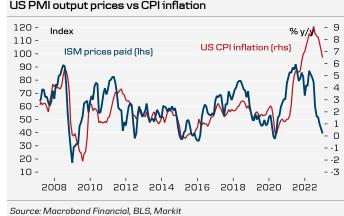
### Top down



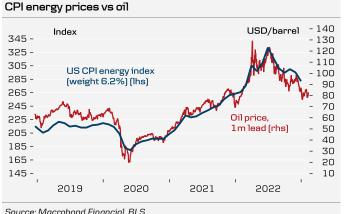
Note: Past performance is not a reliable indicator of future performance.



Source: Macrobond Financial, BLS



# US PMI output prices vs CPI inflation



Note: Past performance is not a reliable indicator of future performance.



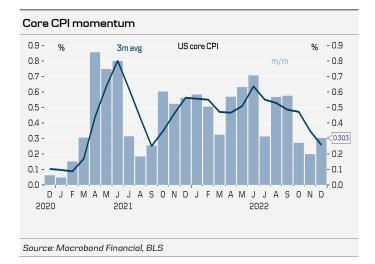


Source: Macrobond Financial, FAO, BLS

Note: Past performance is not a reliable indicator of future performance.



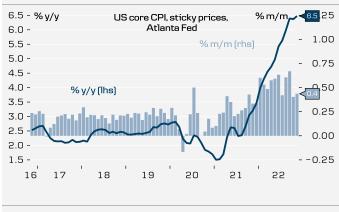
### Core PCE inflation vs core CPI inflation



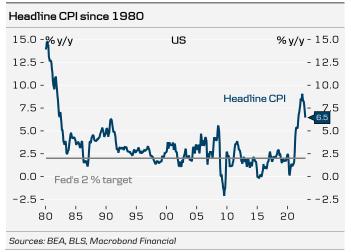


Source: NY Fed, University of Michigan, Macrobond Financial

Core sticky prices inflation (prices changed less frequently)

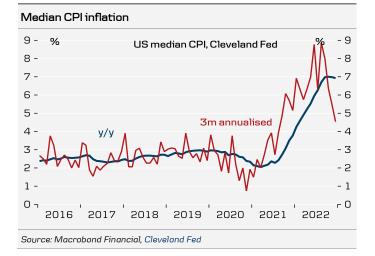


Source: Macrobond Financial, Atlanta Fed



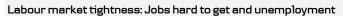


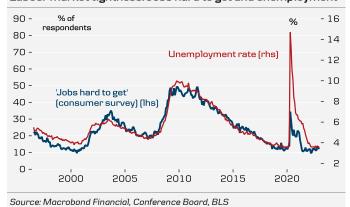
Source: Macrobond Financial. University of Michigang Note: Past performance is not a reliable indicator of future performance.



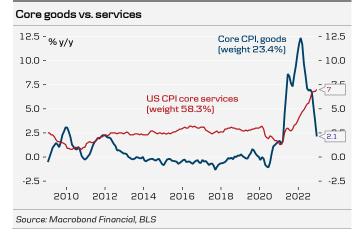


Source: Macrobond Financial, Conference Board, NFIB, BLS, Danske Bank

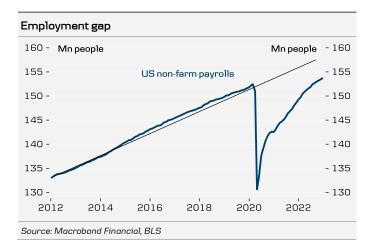


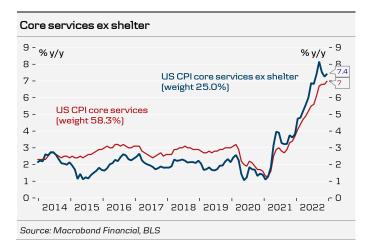


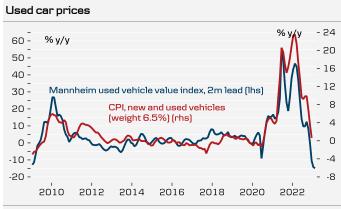


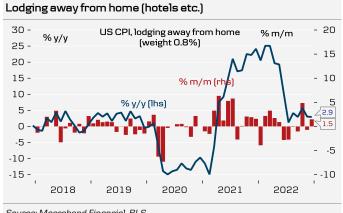




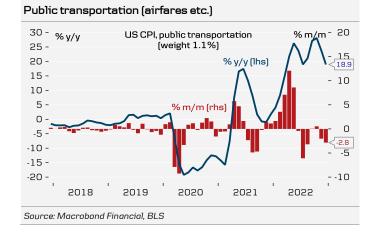






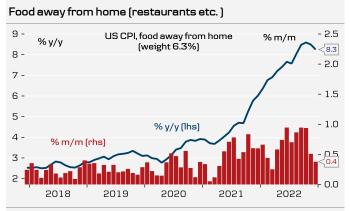


Source: Macrobond Financial, BLS

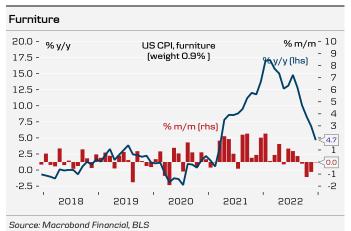




Source: Macrobond Financial, BLS, S&P Dow Jones



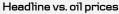




Source: Macrobond Financial, BLS, Manheim Consulting

# Country details - Euro

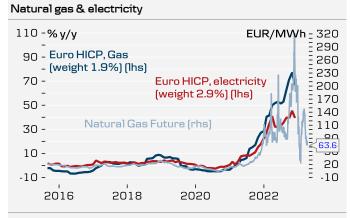
### **Top Down**





Source: Macrobond Financial, Eurostat

Note: Past performance is not a reliable indicator of future performance.

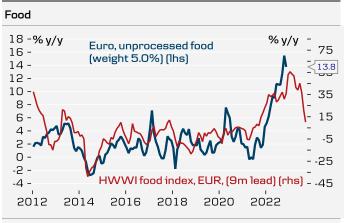


Source: Macrobond Financial, Eurostat

Note: Past performance is not a reliable indicator of future performance.







Source: Macrobond Financial

Note: Past performance is not a reliable indicator of future performance.



- 80

- 75

- 70

65

60

55

50

- 45

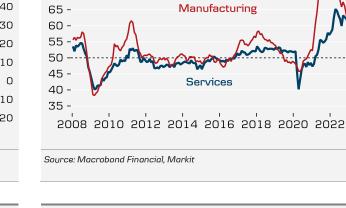
- 40

- 35

Index



Note: Past performance is not a reliable indicator of future performance.



Euro PMI Output prices

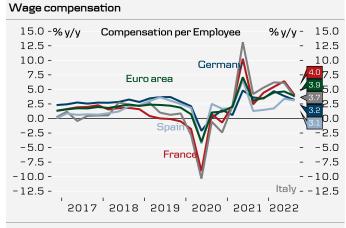
PMI output prices

80 - Index

75 -

70 -



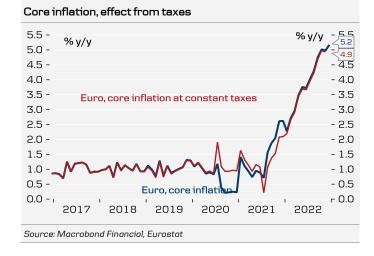


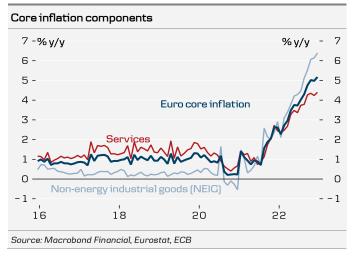
Source: Macrobond Financial, EU Commission

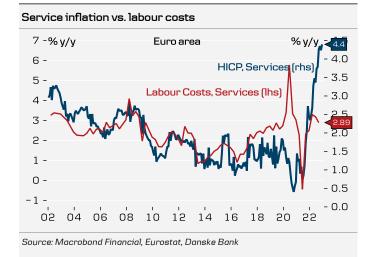
Source: Macrobond Financial, ECB.

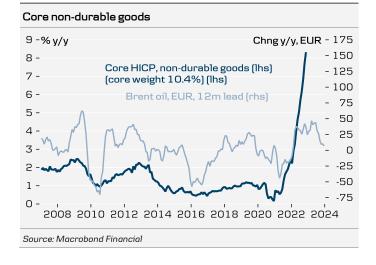
Note: Compensation is affected by changes in working hours in contrast to negotiated wages, which is per hour worked.

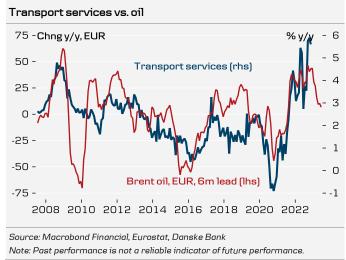
### Bottom up

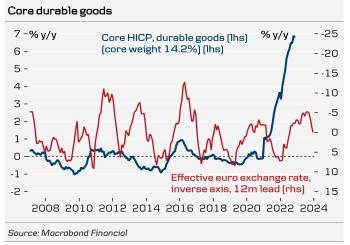










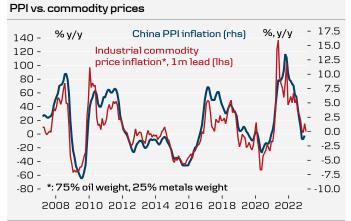


# Country details - China





PPI vs. CPI 15.0 -% y/y 9 \_ % y/y 8 12.5 -China CPI inflation (rhs) 7 10.0 -6 7.5 5 5.0 4 3 2.5 2 0.0 1 -2.5 0 -5.0 - -1 -7.5 - -2 China PPI inflation (lhs) -10.0 - -3 2005 2010 2015 2020 Source: Macrobond Financial, NBS



Source: Macrobond Financial, NBS, Danske Bank Note: Past performance is not a reliable indicator of future performance.

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