# Weekly Focus

# ECB repricing is the name of the game, expect a hike in December

German yields rose and EUR gained three figures against the USD this week to 1.14, as markets priced in an increasingly hawkish ECB. After the ECB Governing Council meeting on Thursday, we changed our call and now expect the ECB to hike rates in December 2022, and again in March 2023 (See *ECB Review: New call – ECB to hike in Dec22 and Mar23*, 3 February). Based on Lagarde's comments on the press conference, the ECB GC is more and more concerned about inflation, while seeing growth risks broadly balanced. In several occasions, Lagarde had the opportunity to close the door for a rate hike in 2022 but she intentionally left it open. Same time, Lagarde confirmed 'sequencing' indicating that the ECB would only hike rates after ending its net asset purchases (APP). Hence, we still see the current market pricing as too aggressive, as the ECB would have to accelerate the pace of taper in order to be able to hike in September, let alone in the summer.

Tighter financial conditions will be a key market driver in 2022. After last week's FOMC meeting, we changed our Fed call and now expect five hikes (a total of 125bp) this year and QT in June. The risks are tilted towards more aggressive tightening, and we think that compared to 2015, the Fed is 'behind the curve' this time around (See *Fed Update: - Different economy, different hiking cycle – a comparison with December 2015*, 3 February).

Tighter financial conditions will make life harder for indebted sovereigns, businesses and individuals, and may exacerbate regional divergence in growth and recovery. While developed economies have broadly recovered back to pre-pandemic levels, insufficient vaccine rollout, slow recovery in international tourism and limited fiscal space remain a drag on EM growth. Tighter financial conditions through wider credit spreads and stronger USD will make the external financing environment for EM substantially more challenging at a time when overall debt levels are at historical highs and borrowing needs remain elevated. In Europe, the focus remains on Turkey, where another staggering inflation print was recorded this week (48.7% in January). In the context of looming Fed rate hikes, with an extremely low and negative real interest rate and weak buffers, the Turkish economy remains one of the most vulnerable ones in the EM universe.

Repricing of expected ECB action was the name of the game this week. The curve flattened with a 25bp rise in 2y and a 15bp rise in 10y Bund yields. The futures markets are pricing in the first ECB hike as soon as in July, which we see premature. ECB repricing was the key driver for a higher EUR/USD this week but we think next week's US inflation print (Thursday) could again turn the attention back to the US. We continue to see EUR as overvalued vs. fundamentals, and maintain our forecast for EUR/USD at 1.08 in 12M.

Next week's data calendar is pretty light. If the US inflation print surprises on the upside, we think a 50bp hike by the Fed in March is possible. We will also keep a close eye on any comments from FOMC and ECB policymakers, although there are not many speeches in the calendar. China is back from the New Year's celebrations and a key thing to watch will be whether there's a pickup in new COVID-19 cases after increased travelling. Also, any headlines on the Russia-Ukraine standoff will be watched closely.

## Key market movers

- Monday: China Caixin Services and Composite PMI
- Thursday: US CPI
- Friday: UK GDP, US Michigan consumer sentiment

## Key global views

- Global growth back to trend in '22
- Main risk is Ukraine conflict
- Inflation peaks in H1 but core inflation stays above 2% in the US
- COVID-19 challenges in the short term, but pandemic to end '22
- Fed to hike five times in '22, ECB to hike in December

## Selected reading from Danske Bank

- ECB review: New call ECB to hike in Dec22 and Mar23, 3 February
- Fed Update: Different economy different hiking cycle – a comparison with December 2015, 3 February
- Monthly Executive Briefing Hawkish Fed and geopolitical risks rock markets, February 2

Source:

## Editor

Chief Analyst Minna Kuusisto +358 442 609 979 minna.kuusisto@danskebank.com

## Scandi market movers

 In Denmark, we are expecting <u>bankruptcy</u> numbers for January on Monday. Bankruptcies have remained at a stable and low level the past few months, and we do not anticipate this changing anytime soon.

Tuesday should bring December's <u>industrial production</u> figures, which tend to fluctuate month-to-month. Manufacturing companies have reported declining production expectations and rising inventories of finished goods in recent months. Meanwhile, labour shortages have also reached new heights, which could put a lid on production. Thus it will be interesting to see whether this has had an impact on the December figures. December's <u>foreign trade</u> figures are also due on Tuesday. Exports performed particularly well in 2021 and looked extremely robust. However, falling production expectations and labour shortages could also have an effect on here.

We expect January <u>CPI inflation</u> surged to 4.1% from 3.1% in December. If we are right, we will be looking at the biggest monthly increase in inflation since 1988. Electricity prices soared through December and that will be reflected in the January figures. We also expect a pickup in district heating prices as some plants relying on natural gas will likely hike prices at the turn of the year. Fuel prices increased during January following the December plunge and tobacco excise duties increased again by DKK5 in January, which will feed through during Q1 22. We expect a modest sale of clothing of the same scale as last year and we expect a solid pickup in food prices although not as strong as we have seen in Germany. We have also factored in a price increase on used cars after a year with falling prices. The big question is to what extent companies have used the New Year as an occasion to hike prices. With the German (and euro area) inflation surprise in mind, we factor in a handsome increase in core inflation. As always in January, uncertainty is extra high, because many prices are only moving in January.

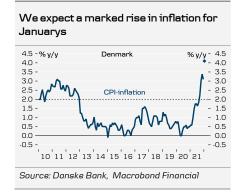
Besides the Riksbank, there are a few data points to look out for. The debt office releases January budget balance, which is expected at 0 (zero) SEK bn. Over the past 18 months the outcome has been some SEK 10 bn better than expected per month, pushing funding requirement lower. We will also get December figures for production and consumptions, but this time these are relatively less important as Q4 GDP has already been released.

With the ECB as one of the key-factors that could affect the timing of future rate decisions by the Riksbank, yesterday's policy announcement by the ECB was important, especially in the context of present market pricing. The press-release was unchanged compared with December in terms of forward guidance. QE guidance also intact. That in an off itself is not as supportive of a hike in 2022 as is being priced in the market. The question of course is if the market is prepared to buy in to this narrative?

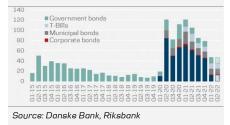
However at the press conference, on a direct question of whether the ECB will stick to the message that a 2022 hike is highly unlikely, Mrs Lagarde did not give an answer, but referred to data dependence and the upcoming March meeting when new staffprojections will be available and underlining upside risks to inflation, in particular near term. This is likely to keep 2022 alive from a market perspective.

We expect the Riksbank next week to take a very similar approach with the difference that (core-) inflation is lower in Sweden compared with the Euro Area.

The Riksbank needs to publish details about the QE reinvestment purchases for Q2. Our expectations are of an unchanged reinvestment allocation and none (or minor) changes to the levels of the report path from the November meeting. We mainly base



## Sweden: Riksbank purchases and forecast for Q2 2022

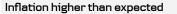


our call on the domestic developments: 1) CPIF ex energy inflation prints: Nov outcome @1.86% vs RB forecast 1.91% and Dec outcome @1.73% vs RB forecast of 1.66%  $\rightarrow$  in line, 2) Prospera 5y CPIF expectations: December (large survey) @2.1% and January @2.0%  $\rightarrow$  comfortable levels and Riksbank might like to see slight uptick, 3) general economic developments: somewhat more headwinds than expected due to omicron wave and 4) SEK (KIX Index): weakened in recent risk-off environment  $\rightarrow$  a more permanent depreciation might be needed to affect the RB reasoning.

However, given recent international developments with several central banks turning more hawkish we cannot rule out that the RB might feel urged to adjust their stance somewhat. That being said, we do not expect any hasty action from RB as long as the ECB is not actually shifting gears.

• In Norway, the coming week brings <u>inflation</u> data for January. These will be very important in clarifying whether core inflation has indeed picked up or whether the December numbers were just noise. Given strong anecdotal evidence that several industries raised their prices in January, we predict core inflation of -0.2% m/m, well above the "normal" seasonal pattern of around -0.5%. Last year, however, the monthly rate in January was even higher at 0.1%, so we expect the annual rate of core inflation to come down from 1.8% to 1.5%. Even so, it would again be well above Norges Bank's forecast in December (1.0% y/y for January) and so increase the pressure on the bank to be even more hawkish at the March rate-setting meeting.

In the central bank's models, inflation in the medium term is driven primarily by the output gap and the corresponding growth in <u>wages</u> (the cost channel). There have been clear signs of strong growth in both actual wage growth and wage expectations as a result of the labour market tightening considerably last year. Tuesday brings final wage data for 2021, followed on Wednesday by the number of <u>vacancies</u> at the end of the year. The latter will give us an idea of whether the labour market is continuing to tighten or has now peaked.





## Scandi update

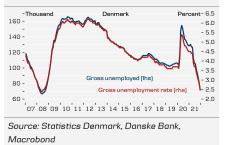
## Denmark - marked decline in unemployment

Unemployment fell significantly yet again in December, this time by 9,400, pushing the gross unemployment rate down to 2.5%. That is the lowest level since 2008, when gross unemployment hit 2.4% for two months before the financial crisis pushed unemployment up. While we cannot yet conclude that the economy is overheating, the risk is definitely rising given the rapid pace at which unemployment is falling. It seems that job growth will be determined by the level of labour available. Unemployment may well fall a little more, but we are approaching the bottom. That being said, the labour force has grown, in part because the retirement age is increasing this year. However, job growth continuing at the same speed as we are seeing now is not realistic. We therefore expect it to pose a real limitation for economic growth in Denmark this year.

Figures from Statistics Denmark showed a significant decline in housing prices between October and November of 1.2% for houses and 2.7% for apartments (seasonally adjusted), which indicates that housing prices have been continuously falling since last summer. However, these figures have to be taken with a considerable grain of salt, as there appears to be problems with the data. Figures from other sources do not show the same dramatic retreat in prices.

The number of foreclosures was very low in January. This was in line with expectations, as the Danish housing market has remained strong.

## Large drop in unemployment



## Sweden - Strong PMI's

PMI's showed solid growth in both manufacturing and services. New orders increased in both surveys, for the manufacturing it was especially domestic orders that was the driver. Meaning the recovery continues to be very strong, but is gradually slowing, which is in line with expectations. Delivery times decreased further (although from high levels), which signals an easing of supply chain problems. On the back of this, expected prices also eased. Delivery times is one of the main contributor to the high price pressure, so when supply chain problems ease this also suggest that the price pressure will ease.

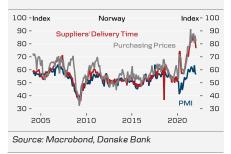
## Norway - Manufacturing slowdown, still big capacity problems

PMI fell from 57.5 to 56.5 in January, pointing to slightly weaker growth, but is still higher than normal, with the subindices for new orders and production both holding at around 53. We also saw a decrease in suppliers' delivery times, which could mean that the bottlenecks are now beginning to ease, but the subindex was still well above normal at 76.7, which could indicate that delays in deliveries will persist well into the year. The same picture is painted by high purchasing prices, which are due to a combination of high commodity prices, high freight costs and, increasingly, higher energy costs.

Housing prices surprised to the upside in January with a rise of 2.1% m/m, but this was probably due mainly to a change in the rules for estate agents which resulted in a limited number of properties on the market and so stronger pressure on prices. We still expect only moderate housing price inflation this year.



### Continuing capacity problems



## Activity tracker

Euro area	Last obs	Value	Last 4 months	1W chg.	1M chg.	Low
Bundesbank weekly activity index*	Week 5	-0.21		-0.32	-0.62	-6.1
German truck toll mileage (1w m.a.), % y/y	19-Jan	2.1%	m	0.8 p.p.	-0.6 p.p.	-16.2%
OpenTable restaurant bookings, Germany (1w m.a.)**	02-Feb	-26.4%	m	7.4 р.р.	-26.4 p.p.	-100%
USA						
NY Fed weekly economic index*	Week 5	5.62		0.49	-0.10	-9.5
Transaction card spending, (1w m.a.), % y/y	27-Jan	15.9%	moun	1.5 р.р.	-5.2 p.p.	-40.6%
OpenTable restaurant bookings (1w m.a.)**	02-Feb	-14.4%	m	9.7 p.p.	-4.2 p.p.	-100%
Google mobility trends retail & recreation (1w m.a.)**		•				
Germany		-18.9%	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1.6 р.р.	7 p.p.	-67.3%
France		-16.6%	~~~~~	1 p.p.	0.4 p.p.	-88.0%
Italy		-18.0%		2.6 р.р.	3.3 р.р.	-88.9%
Spain	31-Jan	-18.3%	- mark	3.4 р.р.	-1.6 p.p.	-91.7%
UK		-16.0%		3.4 р.р.	10 p.p.	-77.6%
Japan		-15.9%		-1 p.p.	-19 p.p.	-37.9%
United Statss		-17.0%		1.6 р.р.	-4 p.p.	-46.1%
Electricity demand (1w m.a.)***						
Germany		-2.3%	m	2.2 р.р.	5.3 р.р.	-7.9%
France		2.9%	~~~~~	-1 p.p.	20.5 p.p.	-22.0%
Italy	03-Feb	0.5%		-1.4 p.p.	3.6 p.p.	-9.2%
Spain	US-Feb	-2.6%		-1 p.p.	7.1 p.p.	-23.6%
UK		0.0%		0 p.p.	0 р.р.	-22.2%
Japan		1.5%	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4 p.p.	-3 p.p.	-7.3%
United States	03-Feb	6.8%	m	-5.9 p.p.	9.3 р.р.	-12.5%
*NOWcast, Actual index value, **Relative to same day/week in 20	19, *** Relative to sar	ne day/week in 1	5-19 avg.			

Source: Google mobility data, ENTSO-E, EIA, Open Table, Statistisches Bundesamt, TextilWirtschaft, Bundesbank, NY Fed, Macrobond Financial

## Calendar

	ne week			Period	Danske Bank	Consensus	Previous
Mon 07	CNY	Foreign exchange reserves	USD bn	Jan		3258.0	3250.2
/londay, l	Februar	y 7, 2022		Period	Danske Bank	Consensus	Previous
	CNY	Foreign exchange reserves	USD bn	Jan		3258.0	3250.2
2:45	CNY	Caixin PMI service	Index	Jan		50.5	53.1
6:00	JPY	Leading economic index, preliminary	Index	Dec		103.7	103.2
7:45	CHF	Unemployment	%	Jan		2.4%	2.4%
8:00	NOK	Manufacturing production	m/m y/y	Dec			0.0% 0.4%
8:00	NOK	Industrial production	m/m/y/y	Dec			-3.0% 2.3%
8:00	DEM	Industrial production	m/m/y/y	Dec		0.5% -3.7%	-0.2% -2.4%
9:00	CHF	SNB balance sheet, intervention	CHF bn	Jan			944.5
9:30	SEK	Budget balance	SEK bn	Jan			-76.3
10:30	EUR	Sentix Investor Confidence	Index	Feb		15.5	14.9
18:30	USD	Fed's George speaks					
21:00	USD	Consumer credit	USD bn	Dec		25.0	40.0
		ry 8, 2022		Period	Danske Bank	Consensus	Previous
	PLN	Polish central bank rate decision	%		2.75%	2.8%	2.25%
0:30	JPY	Labour cash earnings	у/у	Dec	2.7576	0.9%	0.8%
6:00	SEK	Maklarstatistik Swedish housing price data	<i>97 9</i>	Dec		0.370	0.070
8:00	DKK	Current account (nsa sa)	DKK bn	Dec			21.4
8:00	SEK						
		Industrial orders	m/m y/y	Dec			-0.9% 3.0%
8:00	SEK	Private Sector Production	m/m y/y	Dec			0.5% 6.5%
8:00	SEK	Household consumption	m/m y/y	Dec			1.0% 8.3%
8:00	DKK	Industrial production	m/m	Dec			3.0%
8:00	DKK	Trade balance ex ships	DKK bn	Dec			4.8
8:00	DKK	Exports	m/m	Dec			480.0%
12:00	USD	NFIB small business optimism	Index	Jan		97.4	98.9
13:00	USD	Fed's George speaks					
14:30	USD	Trade balance	USD bn	Dec		-83.0	-80.2
16:00	USD	Fed's George speaks		<b>D</b> • • •		-	- ·
veanesa		ruary 9, 2022		Period	Danske Bank	Consensus	Previous
-	CNY	Money supply M2	у/у	Jan		9.2%	9.0%
8:00	DEM	Trade balance	EUR bn	Dec		11	11.6
14:30							
	USD	Fed's George speaks					
16:30	USD	Fed's Bowman speaks					
16:30 16:30	USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories	к				-1047
16:30 16:30 18:00	USD USD USD	Fed's Bowman speaks DOE U.S. crude oîl inventories Fed's Mester speaks	к				
16:30 16:30 18:00	USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories	К	Period	Danske Bank	Consensus	-1047 Previous
16:30 16:30 18:00	USD USD USD	Fed's Bowman speaks DOE U.S. crude oîl inventories Fed's Mester speaks	K Index	Period Jan	Danske Bank	Consensus 0.7	
16:30 16:30 18:00 <b>hursday</b>	usd usd usd y, <b>Febru</b> a	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022			Danske Bank		Previous
16:30 16:30 18:00 <b>Thursday</b> 1:01	USD USD USD <b>y, Februa</b> GBP	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance	Index	Jan	Danske Bank	0.7	Previous 0.7
16:30 16:30 18:00 <b>Thursday</b> 1:01 8:00	USD USD <b>V, Februa</b> GBP NOK	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI	Index m/mly/y	Jan Jan	Danske Bank 1.2% 4.1%	0.7	Previous 0.7 0.7% 5.3%
16:30 16:30 18:00 <b>Thursday</b> 1:01 8:00 8:00	USD USD <b>JSD</b> <b>y, Februe</b> GBP NOK NOK	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI	Index m/mJy/y m/mJy/y	Jan Jan Jan		0.7	Previous 0.7 0.7% 5.3% 8.1% 68.7%
16:30 16:30 18:00 <b>Thursday</b> 1:01 8:00 8:00 8:00	USD USD <b>y, Februa</b> GBP NOK NOK DKK	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI	Index m/mJy/y m/mJy/y m/mJy/y	Jan Jan Jan Jan	1.2% 4.1%	0.7  4.0%	Previous 0.7 0.7% 5.3% 8.1% 68.7% -0.5% 3.1%
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 8:00	USD USD <b>J.Februe</b> GBP NOK NOK DKK NOK	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE)	Index m/m y/y m/m y/y m/m y/y m/m y/y	Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5%	0.7  4.0%  1.8%	Previous 0.7 0.7% 5.3% 8.1% 68.7% -0.5% 3.1% 0.4% 1.8%
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 8:00 9:30	USD USD <b>y, Februa</b> GBP NOK NOK DKK NOK SEK	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision	Index m/m y/y m/m y/y m/m y/y %	Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5%	0.7  4.0%  1.8%	Previous 0.7 0.7% 5.3% 8.1% 68.7% -0.5% 3.1% 0.4% 1.8% 0.0%
16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 8:00 9:30 14:30	USD USD USD GBP NOK NOK DKK NOK SEK USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10,2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims	Index m/m y/y m/m y/y m/m y/y % 1000	Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0%	0.7  4.0%  1.8% 0.0%	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%[1.8% 0.0% 238
16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 9:30 14:30 14:30	USD USD USD GBP NOK NOK DKK NOK SEK USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10,2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline	Index m/mly/y m/mly/y m/mly/y % 1000 m/mly/y	Jan Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3%	0.7  4.0%  1.8% 0.0% 0.5% 7.3%	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%[1.8% 0.0% 238 0.5%[7.0%]
16:30 16:30 18:00 <b>'hursday</b> 1:01 8:00 8:00 8:00 9:30 14:30 14:30 14:30	USD USD GBP NOK NOK DKK NOK SEK USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks Ty 10,2022 RICS house price balance CPI PPI CPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core	Index m/mly/y m/mly/y m/mly/y % 1000 m/mly/y	Jan Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3%	0.7  4.0%  1.8% 0.0% 0.5% 7.3%	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%[1.8% 0.0% 238 0.5%[7.0%]
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 9:30 14:30 14:30 14:30 14:30	USD USD GBP NOK NOK DKK NOK SEK USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10,2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks	Index m/m y/y m/m y/y m/m y/y % 1000 m/m y/y m/m y/y	Jan Jan Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3%	0.7  4.0%  1.8% 0.0% 0.5% 7.3%	Previous           0.7           0.7%[5.3%           8.1%[68.7%           -0.5%[3.1%           0.4%[1.8%           0.0%           238           0.5%[7.0%           0.6%[5.5%
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 9:30 14:30 14:30 14:30 14:30 14:30	USD USD GBP NOK NOK DKK NOK SEK USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headine CPI core Fed's George speaks Budget statement	Index m/m y/y m/m y/y m/m y/y % 1000 m/m y/y m/m y/y	Jan Jan Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9%	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%[1.8% 0.0% 238 0.5%[7.0% 0.6%[5.5% -21.3
16:30 16:30 18:00 <b>'hursday</b> 1:01 8:00 8:00 9:30 14:30 14:30 14:30 14:30 14:30 14:30 14:30 14:30	USD USD GBP NOK NOK DKK NOK SEK USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks Ty 10,2022 RICS house price balance CPI PPI CPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement 1,2022	Index m/mly/y m/mly/y m/mly/y % 1000 m/mly/y m/mly/y USD bn	Jan Jan Jan Jan Jan Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9% Consensus	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%[1.8% 0.0% 238 0.5%[7.0% 0.6%[5.5% -21.3 Previous
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 9:30 14:30 15	USD USD GBP NOK NOK DKK NOK SEK USD USD USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement 11,2022 GDP, preliminary	Index m/mJy/y m/mJy/y m/mJy/y % 1000 m/mJy/y m/mJy/y USD bn	Jan Jan Jan Jan Jan Jan Jan Ath quarter	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9% Consensus 1.1% 6.4%	Previous 0.7 0.7%[5.3% 8.1%[68.7% 0.5%[3.1% 0.4%[1.8% 0.0% 238 0.5%[7.0% 0.6%]5.5% -21.3 Previous 1.1%[6.8% 0.009]_
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 9:30 14:30 14:30 14:30 14:30 14:30 <b>iday, Fe</b> 8:00 8:00	USD USD GBP NOK NOK DKK NOK SEK USD USD USD USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI CPI COre inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement 11, 2022 GDP, preliminary Monthly GDP estimate	Index m/mly/y m/mly/y m/mly/y m/mly/y % 1000 m/mly/y m/mly/y USD bn q/qly/y m/mlq/q m/mlq/q	Jan Jan Jan Jan Jan Jan Jan Period 4th quarter Dec	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9% Consensus 1.1% 6.4% .0.005	Previous 0.7 0.7%[5.3% 8.1%[68.7% 0.5%[3.1% 0.4%[1.8% 0.0% 238 0.5%[7.0% 0.6%]5.5% -21.3 Previous 1.1%[6.8% 0.009]_
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 9:30 14:30 14:30 14:30 14:30 17:00 20:00 <b>riday, Fe</b> 8:000 8:00 8:00 8:00 8:000 8	USD USD (BPPU) (SPPU) (SPPU) (SPU) USD USD USD USD USD USD USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks ary 10, 2022 RICS house price balance CPI PPI CPI COR inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement <b>11, 2022</b> GDP, preliminary Monthly GDP estimate Index of services	Index m/mjy/y m/mjy/y m/mjy/y m/mjy/y % 1000 m/mjy/y m/mjy/y USD bn q/qjy/y m/mjq/q m/mjq/q m/mj3m/3m	Jan Jan Jan Jan Jan Jan Period 4th quarter Dec Dec	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9% Consensus 1.1% 6.4% 005  0.007 0.012 0.9% 5.1%	Previous 0.7 0.7%[5.3% 8.1%[68.7% 0.5%[3.1% 0.4%[1.8% 0.9% 238 0.5%[7.0% 0.6%[5.5% -21.3 Previous 1.1%[6.8% 0.009] 0.007[0.013
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 9:30 14:30 14:30 14:30 14:30 17:00 20:00 <b>riday, Fe</b> 8:000 8:00 8:00 8:000 8	USD USD (Februa GBP NOK NOK DKK NOK SEK USD USD USD USD USD USD USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks TY 10,2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement 11,2022 GDP, preliminary Monthly GDP estimate Index of services HICP, final CPI	Index m/mjy/y m/mjy/y m/mjy/y m/mjy/y % 1000 m/mjy/y m/mjy/y USD bn q/qjy/y m/mjq/q m/mjq/q m/mj3m/3m m/mjy/y m/mjy/y	Jan Jan Jan Jan Jan Jan Ath quarter Dec Dec Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9% 0.5% 5.9% 1.1% 6.4% .0.005  0.007 0.012 0.9% 5.1% 0.0% 1.5%	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%]1.8% 0.0% 238 0.5%[7.0% 0.6%[5.5% -21.3 Previous 1.1%[6.8% 0.009] 0.007[0.013 0.9%[5.1% -0.1%]1.5%
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 9:30 14:30 14:30 14:30 14:30 20:00 <b>riday, Fe</b> 8:00	USD USD GBP NOK NOK DKK NOK SEK USD USD USD USD USD USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks Fy 10,2022 RICS house price balance CPI PPI CPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement 11,2022 GDP, preliminary Monthly GDP estimate Index of services HICP, final CPI Central Bank of Russia rate decision	Index m/mjy/y m/mjy/y m/mjy/y m/mjy/y % 1000 m/mjy/y m/mjy/y USD bn q/qjy/y m/mjq/q m/mjq/q m/mj3m/3m	Jan Jan Jan Jan Jan Jan Ath quarter Dec Dec Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0%  1.8% 0.0% 0.5% 7.3% 0.5% 5.9% Consensus 1.1% 6.4% 005  0.007 0.012 0.9% 5.1%	Previous 0.7 0.7%[5.3% 8.1%[68.7% -0.5%[3.1% 0.4%]1.8% 0.0% 238 0.5%[7.0% 0.6%[5.5% -21.3 Previous 1.1%[6.8% 0.009] 0.007[0.013 0.9%[5.1%]
16:30 16:30 18:00 <b>hursday</b> 1:01 8:00 8:00 8:00 9:30 14:30 14:30 14:30 14:30 14:30 14:30 14:30 14:30 14:30 8:00 8	USD USD USD (BP) NOK NOK NOK SEK USD USD USD USD USD USD USD USD USD USD	Fed's Bowman speaks DOE U.S. crude oil inventories Fed's Mester speaks TY 10,2022 RICS house price balance CPI PPI CPI Core inflation (CPI-ATE) Riksbank, rate decision Initial jobless claims CPI headline CPI core Fed's George speaks Budget statement 11,2022 GDP, preliminary Monthly GDP estimate Index of services HICP, final CPI	Index m/mly/y m/mly/y m/mly/y m/mly/y % 1000 m/mly/y m/mly/y USD bn q/qly/y m/mlq/q m/mlq/q m/mlq/y m/mlg/y %	Jan Jan Jan Jan Jan Jan Jan Ath quarter Dec Dec Jan Jan	1.2% 4.1% -0.2% 1.5% 0.0% 0.5% 7.3% 0.5% 6.0%	0.7  4.0% 	Previous 0.7 0.7%[5.3% 8.1%[68.7% 0.5%[3.1% 0.4%[1.8% 0.3% 238 0.5%[7.0% 0.6%[5.5% -21.3 Previous 1.1%[6.8% 0.009]_ 0.007[0.013 0.9%[5.1% -0.1%[1.5%

## Macroeconomic forecast

Macro	foreca	st. Sca	ndinavia										
	Year	GDP <sup>1</sup>	Private cons. <sup>1</sup>	Public cons. <sup>1</sup>	Fixed inv. <sup>1</sup>	Ex- ports <sup>1</sup>	lm- ports <sup>1</sup>	Infla- tion <sup>1</sup>	Wage growth <sup>1</sup>	Unem- ploym <sup>3</sup>	Public budget <sup>4</sup>	Public debt <sup>4</sup>	Current acc. <sup>4</sup>
Denmark	2021 2022 2023	3.8 2.5 1.7	3.9 3.1 2.6	4.0 -1.2 -0.6	5.5 2.1 3.1	5.5 5.4 3.3	6.6 4.9 3.8	1.9 2.4 1.3	2.8 3.2 3.4	3.7 2.5 2.5	0.0 1.3 0.9	37.6 33.9 32.5	7.6 7.6 6.8
Sweden	2021 2022 2023	4.5 3.0 2.2	5.5 4.1 2.4	3.2 1.4 1.2	6.9 5.4 2.2	6.6 3.4 4.0	8.8 5.6 3.4	2.2 2.0 1.3	2.7 1.8 2.1	8.8 7.3 6.5	-0.8 0.2 0.7	37.0 33.0 30.0	4.9 3.9 4.1
Norway	2021 2022 2023	4.0 3.8 2.0	4.2 6.5 2.0	3.0 1.3 1.3	1.0 3.1 2.0	4.1 6.0 4.0	2.0 7.5 4.0	3.5 2.6 1.8	3.2 3.4 3.6	3.2 2.3 2.2		- - -	- -

## Macro forecast. Euroland

TVIGO O I			brail la										
	Year	GDP <sup>1</sup>	Private cons. <sup>1</sup>	Public cons. <sup>1</sup>	Fixed inv. <sup>1</sup>	Ex- ports <sup>1</sup>	lm- ports <sup>1</sup>	Infla- tion <sup>1</sup>	Wage growth <sup>1</sup>	Unem- ploym <sup>3</sup>	Public budget <sup>4</sup>	Public debt <sup>4</sup>	Current acc. <sup>4</sup>
									3		5		
Euroarea	2021 2022	5.2 4.0	3.6 6.5	3.8 1.3	3.4 2.0	9.7 6.6	7.2 7.0	2.6 3.3	3.8 2.4	7.7 7.3	-6.9 -3.6	99.8 97.6	3.1 3.2
	2023	2.0	2.0	1.3	2.2	5.1	5.2	1.5	2.9	7.1	-2.1	96.7	3.4
Germany	2021	2.8	0.8	3.0	1.6	7.3	7.7	3.2	3.0	3.5	-4.9	71.4	6.6
	2022	4.0	8.1	0.5	1.3	5.1	6.5	3.6	2.5	3.2	-2.1	69.2	6.6
	2023	1.9	1.9	1.3	2.2	5.1	5.2	1.8	2.3	2.9	-0.5	68.1	6.8
Finland	2021	3.5	3.5	2.5	2.0	4.0	3.5	2.2	2.4	7.7	-2.7	67.7	1.0
	2022	2.8	3.5	1.0	4.0	6.0	6.5	2.6	2.8	6.9	-2.3	67.0	0.8
	2023	1.6	1.5	0.5	3.0	3.0	3.0	1.8	2.6	6.6	-1.3	66.7	0.7

### Macro forecast. Global Private Public Fixed Ex-Infla-Wage Unem-Public Public Current lminv.1 GDP<sup>1</sup> cons.1 cons.<sup>1</sup> growth<sup>1</sup> ploym<sup>3</sup> budget<sup>4</sup> $\mathsf{debt}^4$ acc.4 Year ports<sup>1</sup> ports<sup>1</sup> tion<sup>1</sup> USA 2021 5.7 7.9 0.5 7.7 4.6 14.0 4.7 4.0 5.4 -13.4 129.7 -3.5 2022 3.5 2.9 0.8 3.6 1.9 3.3 5.7 5.0 4.0 -4.7 125.6 -3.5 2023 2.2 2.1 1.0 1.6 1.9 2.6 4.6 3.8 -3.1 124.0 -3.3 3.4 China 2021 8.0 10.2 -5.2 -0.7 5.0 --5.6 68.9 3.0 72.0 74.5 2022 5.0 6.0 3.0 --2.0 5.5 --7.0 1.0 2023 0.7 5.0 6.0 4.5 2.2 5.5 -6.8 uк 2021 6.9 3.8 15.8 4.5 -3.0 1.0 2.6 4.9 4.6 -5.3 96.9 -3.4 2022 5.1 6.1 3.3 6.5 3.3 4.8 5.2 3.2 4.0 -0.6 96.7 -5.3 2023 2.4 2.5 0.8 4.8 3.4 3.7 2.9 3.9 3.7 0.5 96.7 -4.7 2021 1.8 1.4 2.7 -1.1 10.9 5.9 -0.2 2.8 Japan ---2022 2.4 3.3 2.2 -0.5 3.0 2.0 0.4 2.6 -2023 0.7 25 1.2 1.4 0.4 3.2 2.0 0.5 -

Source: OECD and Danske Bank. 1] % y/y. 2] % contribution to GDP growth. 3] % of labour force. 4] % of GDP.

## Financial forecast

Bond	and mone	y markets								
		Key interest rate	3m interest rate	2-yr swap yield*	10-yr swap yield*	Currency vs EUR	Currency vs USD	Currency vs DKK	Currency vs NOK	Currency vs SEK
USD	04-Feb	0.25	0.31	1.37	1.89	114.7	-	649.0	875.2	911.0
	+3m	0.75	0.54	1.35	2.05	112.0	-	664.1	910.7	910.7
	+6m	1.00	0.80	1.65	2.15	111.0	-	670.7	936.9	927.9
	+12m	1.50	1.35	2.10	2.30	108.0	-	689.8	963.0	972.2
EUR	04-Feb	-0.50	-0.55	0.11	0.62	-	114.7	744.3	1003.7	1044.8
	+3m	-0.50	-0.54	-0.15	0.45	-	112.0	743.8	1020.0	1020.0
	+6m	-0.50	-0.54	-0.05	0.55	-	111.0	744.5	1040.0	1030.0
	+12m	-0.25	-0.46	0.15	0.75	-	108.0	745.0	1040.0	1050.0
JPY	04-Feb	-0.10	-0.02	0.07	0.26	120.5	114.9	6.18	8.33	8.67
	+3m	-0.10	-	-	-	125.4	112.0	5.93	8.13	8.13
	+6m	-0.10	-	-	-	123.2	111.0	6.04	8.44	8.36
	+12m	-0.10	-	-	-	117.7	109.0	6.33	8.83	8.92
GBP	04-Feb	0.50	0.65	1.51	1.29	84.6	135.6	880.2	1186.9	1235.5
	+3m	0.50	0.69	1.30	1.35	84.0	133.3	885.4	1214.3	1214.3
	+6m	0.75	0.72	1.30	1.40	84.0	132.1	886.3	1238.1	1226.2
	+12m	1.00	1.09	1.55	1.65	84.0	128.6	886.9	1238.1	1250.0
CHF	04-Feb	-0.75	-0.75	-0.19	0.41	105.8	92.2	703.5	948.6	987.5
	+3m	-0.75	-	-	-	102.0	91.1	729.2	1000.0	1000.0
	+6m	-0.75	-	-	-	101.0	91.0	737.1	1029.7	1019.8
	+12m	-0.75	-	-	-	100.0	92.6	745.0	1040.0	1050.0
DKK	04-Feb	-0.60	-0.27	0.37	0.85	744.33	649.01	-	134.85	140.37
	+3m	-0.60	-0.28	0.10	0.65	743.75	664.06	-	137.14	137.14
	+6m	-0.60	-0.28	0.20	0.75	744.50	670.72	-	139.69	138.35
	+12m	-0.35	-0.28	0.40	0.95	745.00	689.81	-	139.60	140.94
SEK	04-Feb	0.00	-0.05	0.62	1.29	1044.8	911.0	71.2	96.1	100.0
	+3m	0.00	-0.03	0.30	1.30	1020.0	910.7	72.9	100.0	-
	+6m	0.00	-0.03	0.25	1.35	1030.0	927.9	72.3	101.0	-
	+12m	0.00	-0.03	0.25	1.45	1050.0	972.2	71.0	99.0	-
NOK	04-Feb	0.50	1.14	2.00	2.23	1003.7	875.2	74.2	100.0	104.1
	+3m	0.75	1.24	1.85	2.20	1020.0	910.7	72.9	-	100.0
	+6m	1.00	1.35	2.00	2.30	1040.0	936.9	71.6	-	99.0
	+12m	1.25	1.77	2.15	2.40	1040.0	963.0	71.6	-	101.0

Commodities												
			2021			2022				Average		
	04-Feb	01	02	03	Q4	01	02	03	04	2021	2022	
ICE Brent	93	55	65	70	75	75	75	75	75	66	75	

Source Danske Bank

## Disclosures

This research report has been prepared by Danske Bank A/S ('Danske Bank'). The author of this research report is Chief Analyst Minna Kuusisto.

## Analyst certification

Each research analyst responsible for the content of this research report certifies that the views expressed in the research report accurately reflect the research analyst's personal view about the financial instruments and issuers covered by the research report. Each responsible research analyst further certifies that no part of the compensation of the research analyst was, is or will be, directly or indirectly, related to the specific recommendations expressed in the research report.

### Regulation

Danske Bank is authorised and subject to regulation by the Danish Financial Supervisory Authority and is subject to the rules and regulation of the relevant regulators in all other jurisdictions where it conducts business. Danske Bank is subject to limited regulation by the Financial Conduct Authority and the Prudential Regulation Authority (UK). Details on the extent of the regulation by the Financial Conduct Authority and the Prudential Regulation Authority are available from Danske Bank on request.

Danske Bank's research reports are prepared in accordance with the recommendations of the Danish Securities Dealers Association.

### Conflicts of interest

Danske Bank has established procedures to prevent conflicts of interest and to ensure the provision of high-quality research based on research objectivity and independence. These procedures are documented in Danske Bank's research policies. Employees within Danske Bank's Research Departments have been instructed that any request that might impair the objectivity and independence of research shall be referred to Research Management and the Compliance Department. Danske Bank's Research Departments are organised independently from and do not report to other business areas within Danske Bank.

Research analysts are remunerated in part based on the overall profitability of Danske Bank, which includes investment banking revenues, but do not receive bonuses or other remuneration linked to specific corporate finance or debt capital transactions.

Danske Bank is a market maker and liquidity provider and may hold positions in the financial instruments mentioned in this research report.

Danske Bank, its affiliates and subsidiaries are engaged in commercial banking, securities underwriting, dealing, trading, brokerage, investment management, investment banking, custody and other financial services activities, may be a lender to the companies mentioned in this publication and have whatever rights are available to a creditor under applicable law and the applicable loan and credit agreements. At any time, Danske Bank, its affiliates and subsidiaries may have credit or other information regarding the companies mentioned in this publication that is not available to or may not be used by the personnel responsible for the preparation of this report, which might affect the analysis and opinions expressed in this research report.

### Financial models and/or methodology used in this research report

Calculations and presentations in this research report are based on standard econometric tools and methodology as well as publicly available statistics for each individual fixed income asset.

We base our conclusion on an estimation of the financial risk profile of the financial asset. By combining these risk profiles with market technical and financial asset-specific issues such as rating, supply and demand factors, macro factors, regulation, curve structure, etc., we arrive at an overall view and risk profile for the specific financial asset. We compare the financial asset to those of peers with similar risk profiles and on this background, we estimate whether the specific financial asset is attractively priced in the specific market. We express these views through buy and sell recommendations. These signal our opinion about the financial asset's performance potential in the coming three to six months.

More information about the valuation and/or methodology and the underlying assumptions is accessible via https://danskeci.com/ci/research/research-disclaimer. Select Fixed Income Research Methodology.

### Risk warning

Major risks connected with recommendations or opinions in this research report, including a sensitivity analysis of relevant assumptions, are stated throughout the text.

## Completion and first dissemination

The completion date and time in this research report mean the date and time when the author hands over the final version of the research report to Danske Bank's editing function for legal review and editing.

The date and time of first dissemination mean the date and estimated time of the first dissemination of this research report. The estimated time may deviate up to 15 minutes from the effective dissemination time due to technical limitations.

See the final page of this research report for the date and time of completion and first dissemination.

### Validity time period

This communication as well as the communications in the list referred to below are valid until the earlier of (a) dissemination of a superseding communication by the author, or (b) significant changes in circumstances following its dissemination, including events relating to the market or the issuer, which can influence the price of the issuer or financial instrument.

## Investment recommendations disseminated in the preceding 12-month period

A list of previous investment recommendations disseminated by the lead analyst(s) of this research report in the preceding 12-month period can be found at https://danskeci.com/ci/research/research-disclaimer. Select Fixed Income Trade Recommendation History

Other previous investment recommendations disseminated by Danske Bank are also available in the database.

See https://danskeci.com/ci/research/research-disclaimer for further disclosures and information.

This research has been prepared by Danske Bank A/S. It is provided for informational purposes only and should not be considered investment, legal or tax advice. It does not constitute or form part of, and shall under no circumstances be considered as, an offer to sell or a solicitation of an offer to purchase or sell any relevant financial instruments (i.e. financial instruments mentioned herein or other financial instruments of any issuer mentioned herein and/or options, warrants, rights or other interests with respect to any such financial instruments) ('Relevant Financial Instruments').

This research report has been prepared independently and solely on the basis of publicly available information that Danske Bank A/S considers to be reliable but Danske Bank A/S has not independently verified the contents hereof. While reasonable care has been taken to ensure that its contents are not untrue or misleading, no representation or warranty, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or reasonableness of the information, opinions and projections contained in this research report and Danske Bank A/S, its affiliates and subsidiaries accept no liability whatsoever for any direct or consequential loss, including without limitation any loss of profits, arising from reliance on this research report.

The opinions expressed herein are the opinions of the research analysts and reflect their opinion as of the date hereof. These opinions are subject to change and Danske Bank A/S does not undertake to notify any recipient of this research report of any such change nor of any other changes related to the information provided in this research report.

This research report is not intended for, and may not be redistributed to, retail customers in the United Kingdom (see separate disclaimer below) and retail customers in the European Economic Area as defined by Directive 2014/65/EU.

This research report is protected by copyright and is intended solely for the designated addressee. It may not be reproduced or distributed, in whole or in part, by any recipient for any purpose without Danske Bank A/S's prior written consent.

## Disclaimer related to distribution in the United States

This research report was created by Danske Bank A/S and is distributed in the United States by Danske Markets Inc., a U.S. registered broker-dealer and subsidiary of Danske Bank A/S, pursuant to SEC Rule 15a-6 and related interpretations issued by the U.S. Securities and Exchange Commission. The research report is intended for distribution in the United States solely to 'U.S. institutional investors' as defined in SEC Rule 15a-6. Danske Markets Inc. accepts responsibility for this research report in connection with distribution in the United States solely to 'U.S. institutional investors'.

Danske Bank A/S is not subject to U.S. rules with regard to the preparation of research reports and the independence of research analysts. In addition, the research analysts of Danske Bank A/S who have prepared this research report are not registered or qualified as research analysts with the New York Stock Exchange or Financial Industry Regulatory Authority but satisfy the applicable requirements of a non-U.S. jurisdiction.

Any U.S. investor recipient of this research report who wishes to purchase or sell any Relevant Financial Instrument may do so only by contacting Danske Markets Inc. directly and should be aware that investing in non-U.S. financial instruments may entail certain risks. Financial instruments of non-U.S. issuers may not be registered with the U.S. Securities and Exchange Commission and may not be subject to the reporting and auditing standards of the U.S. Securities and Exchange Commission.

## Disclaimer related to distribution in the United Kingdom

In the United Kingdom, this document is for distribution only to (I) persons who have professional experience in matters relating to investments falling within article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the 'Order'); (II) high net worth entities falling within article 49(2)(a) to (d) of the Order; or (III) persons who are an elective professional client or a per se professional client under Chapter 3 of the FCA Conduct of Business Sourcebook (all such persons together being referred to as 'Relevant Persons'). In the United Kingdom, this document is directed only at Relevant Persons, and other persons should not act or rely on this document or any of its contents.

## Disclaimer related to distribution in the European Economic Area

This document is being distributed to and is directed only at persons in member states of the European Economic Area ('EEA') who are 'Qualified Investors' within the meaning of Article 2(e) of the Prospectus Regulation (Regulation (EU) 2017/1129) ('Qualified Investors'). Any person in the EEA who receives this document will be deemed to have represented and agreed that it is a Qualified Investor. Any such recipient will also be deemed to have represented and agreed that it has not received this document on behalf of persons in the EEA other than Qualified Investors or persons in the UK and member states (where equivalent legislation exists) for whom the investor has authority to make decisions on a wholly discretionary basis. Danske Bank A/S will rely on the truth and accuracy of the foregoing representations and agreements. Any person in the EEA who is not a Qualified Investor should not act or rely on this document or any of its contents.

## **Report completed:** 4 February 2022, 14:30 CET **Report first disseminated:** 4 February 2022, 14:45 CET