18 March 2022

Weekly Focus

Hopes for peace boost market sentiment as Fed starts hiking

Positive signals from Russia-Ukraine talks boosted market sentiment this week. Media reports that Ukrainian and Russian negotiators are discussing a 15-point draft peace deal raised early optimism that the two sides could be approaching a diplomatic solution to the ongoing war in Ukraine. In our *Research Russia-Ukraine — Updated scenarios and implications for commodity markets*, March 9, we argue that the two sides are likely to eventually agree on a ceasefire/truce but that will require some painful concessions from the Ukrainian side. Despite a potential truce, some level of conflict/unrest is likely to remain but on a baseline we do not expect an escalation of the conflict outside Ukraine.

In our base case of a frozen conflict in Ukraine, we think the global economy will see weaker growth but escape a recession (see *Big Picture – Headwinds to the global economy from Ukraine and Fed tightening*, March 17). In a downside scenario, where there is an escalation of the war beyond the borders of Ukraine, the risk of recession in Europe increases significantly. With rising inflation, euro area consumers will see the biggest real income erosion in decades this year, and we revise down our 2022 euro area GDP forecast to 2.5%. The US economy is more insulated from the Ukraine war repercussions, but strong stagflation dynamics will keep the pressure on Fed to tighten financial conditions. Overall, we now expect US GDP growth of 2.8% this year. We have also postponed our expectation of a recovery in China and now look for GDP growth of only 4.7% this year.

As widely expected, Fed launched its hiking cycle on Wednesday by raising the Fed funds target range by 25 bps to 0.25-0.50%. Despite signalling six further rate hikes for this year, we still think Fed is behind the curve, and keep our call unchanged, expecting a total of 175bp hikes this year (25bp at each meeting but 50bp in June). We still expect an announcement on QT in May.

Risk markets recovered this week on the back of rising optimism around Russia-Ukraine talks. Equity markets gained in Europe and the US, and EUR pared losses against USD breaching 1.10 level. German and US 10y yields increased around 10bp as demand for safe havens took a breather. Commodity prices also backed off with Brent oil briefly visiting below USD 100/barrel and European gas prices hovering around 110€/MWh. Despite optimism around peace talks, we highlight that markets remain highly sensitive to headlines. Also, in the light of ever more aggressive use of force by the Russian army against civilians in Ukraine, we cannot rule out a further step-up of Western sanctions against Russia, and a potential further hit to the global risk sentiment.

In the coming week, focus will remain in Ukraine war developments and the peace talks. European leaders will meet for an EU-summit on Thursday-Friday, discussing the economic fallout from the war and possible fiscal support measures. The data calendar is light but we will keep a close eye on global PMIs on Wednesday. Particularly, we expect the renewed disruptions from the war on supply chains to be reflected in a dip in the euro area manufacturing activity.

Key market movers

- Wednesday: EA consumer confidence
- Thursday: Markit PMIs from US, EA and UK
- Friday: US Michigan survey, UK retail sales

Key global views

- Rising stagflation risk from war in Ukraine – especially in Europe
- We expect weaker growth in the coming quarters but not a global recession
- Higher commodity prices to keep inflation elevated for longer
- Fed to hike rates further by a total of 175bp in 2022, ECB to hike in December but risks tilted towards an earlier hike

Selected reading from Danske Bank

- Big Picture Headwinds to the global economy from Ukraine war and Fed tightening, March 17
- Fed Research- Review: Fed is still behind the curve despite signalling six further rate hikes. March 16

Source:

Editor

Minna Kuusisto Chief Analyst minna.kuusisto@danskebank.com



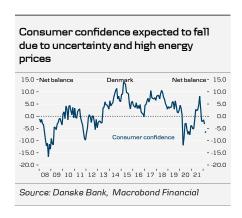
Scandi market movers

• In **Denmark**, we are set to receive <u>wage-earner employment</u> figures for January on Monday. The corona lockdown during the month may have slowed the otherwise rapid growth of the labour market, but we still expect further progress in 2022, albeit at a slower pace. There are simply not enough people to meet the high demand for labour, so the labour market cannot continue improving at the same pace as in 2021.

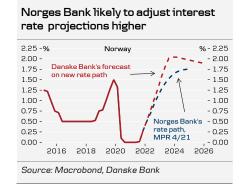
Wednesday should bring <u>consumer expectations</u> for March, and we are looking for a decline to -6.5 from -3.2 in February. The last time we saw so low a level was in autumn 2020, when the second wave of Covid-19 infections was weighing on people's minds. We expect high energy prices and uncertainty in connection with the war in Ukraine to affect consumers' views on their own finances and the Danish economy.

February's <u>retail sales</u> figures are due on Friday. Our Spending Monitor indicates that retail sales were slightly down in February compared to January. With previous lockdowns, we have seen consumption shift somewhat from services to retail, and this has also been the case this time, though to a lesser extent than with earlier, more extensive lockdowns.

- Sweden: Valueguard releases February real estate prices. We expect another leg up as
 indicated by our own Boprisindikator (which is limited to Stockholm flats though).
 Normally one might suspect that stock market turmoil and higher inflation would dent
 buying sentiment. This of course remains a risk.
- In Norway, we expect Norges Bank to announce a 25bp rate hike to 0.75% at its policy meeting next week. This is in line with both the consensus and market pricing. The question is which signals will be given about interest rates going forward. In December, the rate path indicated slightly more than three rate increases this year, two next year and another half in 2024. Since December, the factors impacting interest rate developments have changed considerably, as especially capacity utilisation has increased and wage and price expectations have risen. In addition, rate forecasts in other countries have risen substantially, and financial factors such as exchange rates, commodity prices and money market premiums have moved considerably. We think Norges Bank will use its judgement to signal a continued gradual normalisation of monetary policy with four rate hikes this year and two next year.









Scandi update

Denmark - Central bank expects war to have significant impact on the Danish economy

The past week has been rather quiet data-wise in Denmark. Danmarks Nationalbank produced a new forecast for the Danish economy, revising down its expectations for GDP growth from 3.1% to 2.1%. The overriding reason for the change was the war in Ukraine. We do not expect the impact to be so pronounced, not least because we had a more modest view on the Danish economy prior to the war and projected GDP growth of 2.5%. Clearly, demand will now be lower due to the war, and we see the central bank's growth estimate as quite realistic, even though we were also less optimistic to begin with.

Sweden - Ingves says "inflation much too high"

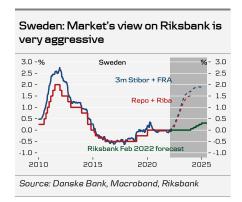
The February inflation numbers with CPIF ex energy at 3.4% y/y apprently came as a chock to the Riksbank. The 1.1 percentage point gap to the latest RB-forecast for February is as far as we can recall the widest on record. Also, the numbers show that it is no longer true to say that high inflation above all is a matter of energy.

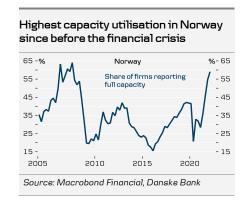
We have updated our RB call now looking for a larger revamp of policy guidance at the next policy meeting in April. It may not fully be reflected in the repo path in April, but in the end we expect the Riksbank to deliver two rate hikes this year (Sep and Nov) and a third in February 2023. Given the extreme interest rate sensitivity among households, this may very well prove to be enough especially as inflation is largely supply-driven and, hence, contractionary by itself. With the Riksbank moving more hawkish it should be accompanied by an earlier phasing out of reinvestments. A guesstimate is that reinvestments are scaled back to SEK20bn in Q3 and SEK10bn in Q4 and from the first quarter 2023 assets will be allowed to roll of as they mature.

In a recent interview, governor Ingves took the unusual step of a flagging a coming change in the policy outlook. In short he said that inflation has turned out far too high, the Riksbank must re-think its policy strategy and that is reasonable to expect a rate hike sooner than 2024. We don't preclude an even earlier hike than September on the back of that, however, April appears to be too aggressive though. Concerning QE tapering, he was more unclear and we got the impression he didn't want to pre-commit.

Norway - Positive growth outlook despite capacity problems

Norges Bank's regional network survey showed an increase in the aggregated output index for the next six months from 0.95 to 1.65, which corresponds to annualised growth of 3.3%. This was higher than we expected, as the bulk of the recovery effect from the pandemic is now over, and firms are feeling the effects of bottlenecks and higher cost growth. Most interesting, therefore, was that the share of firms stating that they are operating at full capacity climbed from 54.7% to 59.1%. There was also an increase in the share of firms citing labour shortages as a constraint on production, from 40.3% to 47.7%. This confirms our assumption that the output gap is now positive and widening. Firms' wage expectations for 2022 also climbed from 3.3% to 3.7%, which is well above Norges Bank's projection of 3.2% in the December monetary policy report. Higher capacity utilisation, growing labour shortages and higher wage expectations point clearly to Norges Bank having to accelerate the normalisation of monetary policy.







Calendar

Marciang Marciang	During th	e week			Period	Danske Bank	Consensus	Previous
Book Dec Dec								
1920 1920 Pagi Senter georges 1920						Danske Bank	Consensus	
1900				1000	Jan			2916
			- '					
MADE MATE Cantal MacA Left Agreys was also intensed Mate Mate	Tuesday,	March	22, 2022		Period	Danske Bank	Consensus	Previous
1900	10:00	EUR	Current account	EUR bn	Jan			22.6
1500				%		3.9%	4.3%	3.4%
1920 US Post St Medicapeas Post St Medicape								
			·					
100 100	Wedneso	day, Mar	rch 23, 2022		Period	Danske Bank	Consensus	Previous
	5:00	USD	Fed's George speaks					
Mart								
						-6.5	0 E0/1E 00/	
1300								
1500				9/ 9	. 55		1.070	
10.05	15:00	USD	New home sales	1000 (m/m)	Feb		815	801.0 (-4.5%)
1848 USB Facts Rule pepales								
1900 1909 Farts Eulined pages				Net bal.	Mar		-12.8	-8.8
Part								
130			- '					
1.30	Thursday	, March	24,2022		Period	Danske Bank	Consensus	Previous
	1:30	JPY	Nikkei Manufacturing PMI, preliminary	Index	Mar			52.7
				Index	Mar			44.2
84.5 FR Business confidence Index Mar 112.0 112.0 91.5 FRF PMI manufacturing preliminary Index Mar 5.50 572 91.5 FRF PMI manufacturing preliminary Index Mar .0.75% 0.75% 93.00 DEM PMI manufacturing, preliminary Index Mar 5.52 55.8 93.00 DEM PMI manufacturing, preliminary Index Mar 5.42 55.8 100.0 Norges Bankin monetary policy meeting file 0.75% 0.75% 0.55 100.0 EUR PMI manufacturing preliminary Index Mar 5.50 58.2 100.0 EUR PMI manufacturing preliminary Index Mar 5.33 55.5 100.0 EUR PMI manufacturing preliminary Index Mar 5.80 58.2 100.0 EUR PMI manufacturing preliminary Index Mar 5.80 58.0 10.30 CBP PMI manufacturing								
9.15 F.R.			- '	Index	Mar		112.0	112.0
9.30								
930 DEM PMI reardiacturing, proliminary Index	9:15	FRF	PMI services, preliminary	Index	Mar		55.0	55.5
1						-0.75%		
10.00								
1000 EUR					ıvıar	0.75%		
1000 EUR PMI services, preliminary Index Mar 543 555 1000 EUR EUB Publishes Economic Bulletin 1030 GBP PMI manufacturing, preliminary Index Mar 580 605 1030 GBP PMI manufacturing preliminary Index Mar 580 605 1030 USD Cerca capital goods orders, preliminary Index Mar 580 605 1030 USD Initial jobiesa claims 1000 Feb 0.5% 1.0% 1033 USD Initial jobiesa claims 1000 Feb 0.5% 1.0% 1033 USD USD Fed's Kashkari speaks 1000 Washing and a service, preliminary 1000 Washing and a se					Mar			
1000 EUR ECB Publishes Economic Bulletin 1030 GBP Mill manufacturing preliminary Index Mar 520 60.5 1.330 USD Core capital goods orders, preliminary Index Mar 520 60.5 1.330 USD Intial jobies claims 1.000	10:00	EUR	PMI composite, preliminary	Index	Mar		53.7	55.5
10.30 GBP PMI manufacturing, preliminary Index Mar 57.0 58.0 10.30 GBP PMI services, preliminary Index Mar 58.0 60.5 13.30 USD Core capital goods orders, preliminary 10.00 Feb 0.5% 1.0% 13.30 USD Initial jobless claims 1000 Erd's Kanthari speaks 1000 Erd's Walter speaks 1000 Erd's Basin speaks 1000 Erd's Basin speaks 1000 Erd's Basin speaks 1000 Erd's Basin speaks 1000 Erd's George				Index	Mar		54.3	55.5
10.30 GBP PMI services, preliminary Index Mar 58.0 60.5 13.30 USD Core capital goods orders, preliminary % Feb 0.5% 1.0% 13.30 USD Initial polese claims 1000 214 13.30 USD Fed's Kashkari speaks				Indov	Man		570	500
13:30 USD Core capital goods orders, preliminary % Feb 0.5% 1.0% 1.3% 1.3% 1.0% 1.330 USD Initial jobless claims 1000 214 1.3% 1.0% 1.3% 1.0% 1.3% 1.0% 1.			,					
13:30								
1330	13:30	USD	Initial jobless claims	1000				214
14:10								
1445				USD bn	4th quarter		-217.8	-214.8
1445			·	Index	Mar		55.0	57.3
Period P								
Period P		USD	Fed's Bostic speaks					
1.01 GBP GfK consumer confidence Index Mar -3.00 -26.0					2			
Since Sinc						Danske Bank		
BOO DKK Retail sales Retail sales Retail sales Retail sales ex fuels Retail sales ex fue				Index	Mar		-30.0	-26.0
BOO GBP Retail sales ex fuels m/mly/y Feb 1.0% 6.1% 1.7% 7.2%				m/mlv/v	Feb			4.2% 12.9%
SEK Household lending Y/Y Feb 6.7%							1.0% 6.1%	
SPO	8:00	SEK	PPI		Feb			0.7% 19.8%
10:00 DEM IFO - business climate Index Mar 94.0 98.9								
10:00 DEM IFO - current assessment Index Mar 96.4 98.6								
10:00 DEM IFO - expectations Index Mar 92.6 99.2								
10:00 EUR box Money supply [M3] y/y Feb 6.3% 6.4% 10:00 EUR box to households (adj. for sales and sec.) % Feb 6.3% 6.4% 10:00 EUR box to NFCs (adj. for sales and sec.) % Feb 6.3% 6.4% 14:10 USD Fed's Waller speaks 5.3% 6.4% 15:00 USD Fed's Williams speaks 59.7 59.7 15:00 USD University of Michigan Confidence, final Index Mar 59.7 59.7 15:00 USD Pending home sales m/mly/y Feb 1.0%L -5.7%l-9.1% 16:30 USD Fed's Barkin speaks -5.7%l-9.1% -5.7%l-9.1% -5.7%l-9.1%								
10:00 EUR Loans to NFCs (adj. for sales and sec.) % Feb 6.3% 6.4% 14:10 USD Fed's Waller speaks 15:00 USD Fed's Williams speaks 15:00 USD University of Michigan Confidence, final Index Mar 59.7 59.7 15:00 USD Pending home sales m/m y/y Feb 1.0% -5.7% -9.1% 16:30 USD Fed's Barkin speaks								
14:10 USD Fed's Waller speaks 15:00 USD Fed's Williams speaks 15:00 USD University of Michigan Confidence, final Index Mar 59.7 59.7 15:00 USD Pending home sales m/m y/y Feb 1.0% _ -5.7% -9.1% 16:30 USD Fed's Barkin speaks Feb 1.0% _ -5.7% -9.1%			Loans to households (adj. for sales and sec.)	%	Feb			6.4%
15:00 USD Fed's Williams speaks 15:00 USD Usb University of Michigan Confidence, final Index Mar 59.7 59.7 15:00 USD Pending home sales m/mly/y Feb 1.0% _ -5.7% -9.1% 16:30 USD Fed's Barkin speaks -5.7% -9.1% -5.7% -9.1%				%	Feb		6.3%	6.4%
15:00 USD University of Michigan Confidence, final Index Mar 59.7 59.7 15:00 USD Pending home sales m/mlg/y Feb 1.0% 5.7% -9.1% 16:30 USD Fed's Barkin speaks			·					
15:00 USD Pending home sales m/m y/y Feb 1.0% 5.7% -9.1% 16:30 USD Fed's Barkin speaks				Index	Mar		59.7	59.7
Source: Danske Bank	16:30	USD	Fed's Barkin speaks					
	Source: Do	anske Ba	nk					

Macroeconomic forecast

			Private	Public	Fixed	Ex-	lm-	Infla-	Wage	Unem-	Public	Public	Current
	Year	GDP 1	cons.1	cons.1	inv. ¹	ports ¹	ports ¹	tion ¹	growth ¹	ploym ³	budget ⁴	debt ⁴	acc.4
Denmark	2021	4.1	3.5	4.3	4.1	7.5	7.9	1.9	2.8	3.7	0.0	37.6	7.6
	2022	2.5	3.1	-1.2	2.1	5.4	4.9	4.2	3.2	2.5	1.3	33.9	7.6
	2023	1.7	2.6	-0.6	3.1	3.3	3.8	1.4	3.4	2.5	0.9	32.5	6.8
Sweden	2021	4.5	5.5	3.2	6.9	6.6	8.8	2.2	2.7	8.8	-0.8	37.0	1.4
	2022	3.0	4.1	1.4	5.4	3.4	5.6	4.0	1.8	7.3	0.2	33.0	3.9
	2023	2.2	2.4	1.2	2.2	4.0	3.4	1.2	2.1	6.5	0.7	30.0	4.1
Norway	2021	4.2	5.0	3.9	-0.3	4.8	2.0	3.5	3.2	3.2	-	-	-
	2022	3.8	6.5	1.3	3.1	6.0	7.5	3.3	3.4	2.3	-	-	-
	2023	2.0	2.0	1.3	2.0	4.0	4.0	1.8	3.6	2.2	-	-	-
Macro f	oreca	st Fur	oland										
via or o	Year	GDP 1	Private	Public cons.1	Fixed inv.1	Ex- ports ¹	lm- ports ¹	Infla- tion ¹	Wage growth ¹	Unem- ploym ³	Public budget ⁴	Public debt ⁴	Curren
Euro area	2021	5.3	3.5	3.8	4.3	10.9	8.6	2.6	4.1	7.7	-6.9	99.8	3.1
	2022	2.5	2.8	3.9	3.7	7.3	9.4	7.0	2.5	6.7	-3.6	97.6	3.2
	2023	2.8	1.2	3.7	4.5	5.3	4.9	2.0	3.4	6.5	-2.1	96.7	3.4
Germany	2021	2.9	0.1	3.1	1.3	9.8	9.1	3.2	3.4	3.5	-4.9	71.4	6.6
	2022	1.0	2.8	2.6	0.2	6.2	8.8	7.4	3.2	3.1	-2.1	69.2	6.6
	2023	3.6	1.6	4.1	4.0	6.4	4.9	2.7	3.8	2.9	-0.5	68.1	6.8
Finland	2021	3.5	3.1	3.2	1.2	4.7	5.3	2.2	2.4	7.7	-2.7	65.8	0.9
	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 f	oreca	st. Glob	oal										
	Year	GDP 1	Private cons. ¹	Public cons. ¹	Fixed inv.1	Ex- ports ¹	lm- ports ¹	Infla- tion ¹	Wage growth ¹	Unem- ploym ³	Public budget ⁴	Public debt ⁴	Curren
USA	2021	5.7	7.9	0.5	7.8	4.6	14.0	4.7	4.0	5.4	-13.4	129.7	-3.5
	2022	2.8	2.5	0.1	2.9	4.9	5.5	7.2	5.0	4.0	-4.7	125.6	-3.5
	2023	2.0	1.9	1.0	3.5	1.5	1.8	3.0	4.6	3.8	-3.1	124.0	-3.3
China	2021 2022 2023	8.0 4.7 5.3	10.2 6.0 6.0	-	5.2 3.0 4.5	-	-	0.7 3.0 2.5	5.0 5.5 5.5	-	-5.6 -7.0 -6.8	68.9 72.0 74.5	3.0 1.0 0.7
JK	2021	7.5	3.8	15.8	5.3	-3.0	1.0	2.6	4.9	4.5	-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
Japan	2021	1.8 2.4	1.4 3.3	2.7 2.2	-1.1 -0.5	10.9 3.0	5.9 2.0	-0.2 0.4	-	2.8 2.6	-	-	-

3.2

0.4

2.0

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

2023

1.2

1.4

2.5

Financial forecast

Bond and money markets													
Вопа		Key interest	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	18-Mar	0.50	0.95	2.14	2.24	110.4	-	674.2	880.7	944.7			
	+3m	1.00	1.18	1.90	2.15	108.0	-	689.1	925.9	944.4			
	+6m	1.50	1.70	2.20	2.35	106.0	-	702.4	943.4	952.8			
	+12m	2.50	2.80	2.75	2.50	105.0	-	709.5	952.4	971.4			
EUR	18-Mar	-0.50	-0.49	0.24	0.99	-	110.4	744.3	972.3	1043.0			
	+3m	-0.50	-0.53	0.25	0.75	-	108.0	744.3	1000.0	1020.0			
	+6m	-0.50	-0.53	0.45	0.85	-	106.0	744.5	1000.0	1010.0			
	+12m	-0.25	-0.11	0.75	1.10	-	105.0	745.0	1000.0	1020.0			
JPY	18-Mar	-0.10	-0.01	0.08	0.31	120.5	119.1	6.18	8.07	8.66			
	+3m	-0.10	-	-	-	125.3	116.0	5.94	7.98	8.14			
	+6m	-0.10	-	-	-	121.9	115.0	6.11	8.20	8.29			
	+12m	-0.10	-	-	-	115.5	110.0	6.45	8.66	8.83			
GBP*	18-Mar	0.75	-	1.74	1.53	84.1	131.3	885.1	1156.2	1240.4			
	+3m	1.00		1.30	1.35	84.0	128.6	886.0	1190.5	1214.3			
	+6m	1.25		1.30	1.40	84.0	126.2	886.3	1190.5	1202.4			
	+12m	1.50		1.55	1.65	84.0	125.0	886.9	1190.5	1214.3			
CHF*	18-Mar	-0.75	-	-0.22	0.66	103.3	93.5	720.6	941.4	1009.9			
	+3m	-0.75	-	-	-	102.0	94.4	729.7	980.4	1000.0			
	+6m	-0.75	-	-	-	101.0	95.3	737.1	990.1	1000.0			
	+12m	-0.75	-	-	-	100.0	95.2	745.0	1000.0	1020.0			
DKK	18-Mar	-0.60	-0.24	0.51	1.24	744.31	674.18	-	130.63	140.13			
	+3m	-0.60	-0.28	0.50	0.95	744.25	689.12	-	134.36	137.05			
	+6m	-0.60	-0.28	0.70	1.05	744.50	702.36	-	134.32	135.66			
	+12m	-0.35	0.14	1.00	1.30	745.00	709.52	-	134.23	136.91			
SEK	18-Mar	0.00	0.12	0.96	1.65	1043.0	944.7	71.4	93.2	100.0			
	+3m	0.00	-0.02	0.50	1.45	1020.0	944.4	73.0	98.0	-			
	+6m	0.25	-0.02	0.50	1.55	1010.0	952.8	73.7	99.0	-			
	+12m	0.75	0.23	0.60	1.65	1020.0	971.4	73.0	98.0	-			
NOK	18-Mar	0.50	1.41	2.36	2.51	972.3	880.7	76.6	100.0	107.3			
	+3m	0.75	1.31	2.15	2.40	1000.0	925.9	74.4	-	102.0			
	+6m	1.00	1.53	2.25	2.50	1000.0	943.4	74.5	-	101.0			
	+12m	1.50	1.90	2.25	2.60	1000.0	952.4	74.5	-	102.0			

*Note: GBP swaps are SONIA and CHF swaps are SHARON

Commodities											
			20	22			20	23		Ave	rage
	18-Mar	Q1	02	Ω3	Ω4	Q1	02	Q3	Q4	2022	2023
ICE Brent	108	98	125	115	100	95	95	95	95	110	95

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: 18 March 2022, 15:35 CET Report first disseminated: 18 March 2022, 15:55 CET