ECOWEEK

N°20-02



17 January 2020

2

EDITORIAL

"The US-China trade deal: few reasons to be cheerful"



MARKETS OVERVIEW

Recent market developments (foreign exchange, stock markets, interest rates, commodities, etc.)

5

ECONOMIC PULSE

Analysis of the recent economic data of a country and of the gap versus the consensus

6

ECONOMIC SCENARIO

Main economic and financial forecasts



CALENDARS This week's main economi

This week's main economic data and key releases for next week

9

FURTHER READING

Latest articles, charts, videos and podcasts of Group Economic Research.

ECONOMIC RESEARCH DEPARTMENT



EDITORIAL

2

THE US-CHINA TRADE DEAL: FEW REASONS TO BE CHEERFUL

The US-China trade deal has brought relief. It avoids new tariff increases by the US with the risk of further escalation The deal should be welcomed in China, given its ongoing growth slowdown, but also in the US where companies had increasingly expressed their concern about the trade confrontation. The rest of the world will monitor closely the extent of trade diversion which could follow from the agreement. Attention will now shift to the phase 2 negotiations, which could very well mean that trade uncertainty will intensify at some stage

From a counterfactual perspective any trade deal is better than no deal. It's like with monetary policy: low rates may not succeed in lifting inflation but the situation would be worse if policy rates were higher.

The Chinese GDP numbers published this week -6.1% growth in 2019, the slowest rate since 1990- remind us that weaker headwinds would be welcome. Some of these are structural -the rebalancing of the economy from export- and investment-led to being consumer-led-, but the trade confrontation also plays a role. Exports to the US have dropped, which partly explains the very slow pace of manufacturing investment in 2019, up only 3.1%.

In a trade conflict, one would obviously assume that the surplus country would suffer, but that does not automatically mean that the deficit country would gain. Recent research by the Federal Reserve Board¹ has found a negative influence on the US as well: "U.S. manufacturing industries more exposed to tariff increases experience relative reductions in employment as a positive effect from import protection is offset by larger negative effects from rising input costs and retaliatory tariffs. Higher tariffs are also associated with relative increases in producer prices via rising input costs."

In the absence of a trade deal, the factors mentioned above would have continued to play a role to the extent that there would have been further tariff escalation and prolonged uncertainty about where the confrontation would lead us. Counterfactual analysis, which compares an outcome with an alternative scenario, tells us that we should rejoice about the agreement. Leave the alternative aside and the conclusion is that there are fewer reasons to be cheerful.

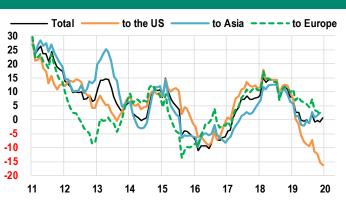
The Chinese commitment to purchase more US goods only relates to the next two years and is less clear about what follows. Moreover, the commitment does not seem to be written in stone as the Chinese vice premier reportedly said that these purchases would be based on market demand in China. Third party countries, who are bystanders to this bilateral 'managed trade' deal, will be concerned about the consequences in terms of trade diversion. This concern was aired by Phil Hogan, the EU trade commissioner, in a speech in Washington DC, although he also welcomed the provisions on the protection of intellectual property rights³. The deal is a phase 1 deal, so inevitably, attention of companies and governments will quickly shift to the next stage of negotiations. President Trump has said he could wait to get a phase 2 deal with China until after the 2020 election, thinking it would allow to negotiate a better deal for the US. Considering that negotiations are a game of the carrot and the stick, this could very well mean that after the relief, trade-related uncertainty would increase again.

William De Vijlder

¹Flaaen, Aaron, and Justin Pierce (2019), *Disentangling the effects of the 2018-2019 tariffs on a globally connected U.S. manufacturing sector*, Finance and Economics Discussion Series 2019-086, Board of governors of the Federal Reserve System, https://doi.org/10.17016/FEDS.2019.086.

² What's in (and Not in) the U.S.-China Trade Deal, New York Times, 15 January 2020

³ EU trade commissioner criticses US-China trade deal, Financial Times, 16 January 2020



EXPORTS OF GOODS IN USD (Y/Y, %) 6-MONTH MOVING AVERAGE

SOURCE: CHINA'S GENERAL ADMINISTRATION OF CUSTOMS, BNP PARIBAS

The US-China trade deal brings welcome relief but when atcention shifts to the phase 2 negotiations, trade uncertainty will probably intensify again at some point.



3

MARKETS OVERVIEW

OVERVIEW				MONEY & BOND	MARKETS				
Week 10-1 20 to	16-1-20			Interest Rates	highest 20	lowest 20	Yield (%)	highest 20	lowest 20
7 CAC 40	6 037 🕨	6 039	+0.0 %	€ ECB 0.00	0.00 at 01/01	0.00 at 01/01	€ AVG 5-7y	0.06 0.10 at 02/01	0.01 at 06/01
7 S&P 500	3 265 🕨	3 317	+1.6 %	Eonia -0.45	-0.45 at 01/01	-0.46 at 07/01	Bund 2y	-0.58 at 14/01	-0.62 at 07/01
🔰 Volatility (VIX)	12.6 🕨	12.3	-0.2 pb	Euribor 3M -0.39	-0.38 at 02/01	-0.40 at 10/01	Bund 10y	-0.25 -0.19 at 01/01	-0.29 at 03/01
7 Euribor 3M (%)	-0.40 🕨	-0.39	+0.2 bp	Euribor 12M -0.25	-0.24 at 03/01	-0.26 at 09/01	OAT 10y	-0.01 0.08 at 01/01	-0.03 at 07/01
🔰 Libor \$ 3M (%)	1.84 🕨	1.84	-0.2 bp	\$ FED 1.75	1.75 at 01/01	1.75 at 01/01	Corp. BBB	0.87 0.91 at 13/01	0.84 at 06/01
🔰 OAT 10y (%)	0.00 ►	-0.01	-1.2 bp	Libor 3M 1.84	1.91 at 01/01	1.83 at 13/01	\$ Treas. 2y	1.57 1.59 at 08/01	1.53 at 03/01
🔰 Bund 10y (%)	-0.23 🕨	-0.25	-1.9 bp	Libor 12M 1.95	2.00 at 01/01	1.95 at 08/01	Treas. 10y	1.81 1.91 at 01/01	1.79 at 03/01
🔰 US Tr. 10y (%)	1.83 🕨	1.81	-1.8 bp		0.75 at 01/01	0.75 at 01/01	High Yield	5.52 5.69 at 01/01	
	1.11 🕨	1.11	+0.3 %	Libor 3M 0.73		0.73 at 15/01	0		
Sold (ounce, \$) ≤ 3	1 560 🕨	1 550	-0.6 %				£ gilt. 2y	0.44 0.61 at 08/01	
↘ Oil (Brent, \$)	65.6 🕨	64.9	-1.1 %	Libor 12M 0.83	0.98 at 01/01	0.83 at 15/01	gilt. 10y	0.65 0.83 at 01/01	0.65 at 16/01
				At 16-1-20			At 16-1-20		

+3.9%

+3.6%

+3.5%

+2.4%

+1.6%

+1.5%

+1.1%

+1.0%

+0.9%

+0.8%

+0.2%

-0.0%

-0.5%

-0.8%

-0.8%

-1.0%

-1.2%

-1.8%

-1.8%

EXCHANGE	RATES
1£ =	highe

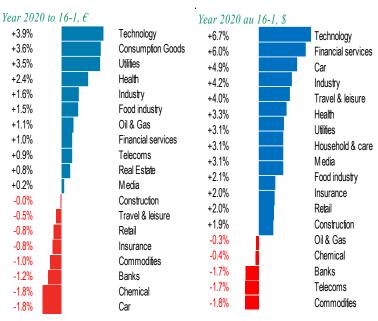
1€=		high	est	20	lowe	est 2	20	2020
USD	1.11	1.12	at	01/01	1.11	at	09/01	-0.7%
GBP	0.85	0.86	at	13/01	0.85	at	01/01	+0.6%
CHF	1.07	1.09	at	01/01	1.07	at	16/01	-1.2%
JPY	122.70	122.70	at	16/01	120.61	at	03/01	+0.6%
AUD	1.62	1.62	at	07/01	1.60	at	01/01	+1.1%
CNY	7.67	7.82	at	01/01	7.66	at	14/01	-1.9%
BRL	4.66	4.66	at	16/01	4.51	at	02/01	+3.1%
RUB	68.67	69.72	at	01/01	67.75	at	10/01	-1.5%
INR	79.03	80.49	at	06/01	78.83	at	14/01	-1.4%
At 16-1-	-20							Change

COMMODI Spot price in do		highes	t 20	low	est	20	2020	2020(€)
Oil, Brent	64.9	69.1 at	06/01	64.0	at	15/01	-2.1%	-1.4%
Gold (ounce)	1 550	1 570 at	07/01	1 521	at	01/01	+2.0%	+2.7%
Metals, LMEX	2 894	2 894 at	16/01	2 831	at	03/01	+1.8%	+2.5%
Copper (ton)	6 251	6 270 at	14/01	6 104	at	03/01	+1.7%	+2.4%
CRB Foods	338	340.9 at	14/01	336	at	08/01	-0.3%	+0.5%
wheat (ton)	234	2.4 at	15/01	227	at	06/01	+2.1%	+2.9%
Corn (ton)	146	1.5 at	02/01	146	at	16/01	-0.2%	-1.4%
At 16-1-20					-			Change

EQUITY INDICES

	Index	highest 20		low	2020	
World						
MSCI World	2 406	2 406	le 16/01	2 358	le 01/01	+2.0%
North America						
S&P500	3 317	3 317	at 16/01	3 231	at 01/01	+2.7%
Europe						
EuroStoxx50	3 774	3 796	le 09/01	3 745	le 01/01	+0.8%
CAC 40	6 039	6 044	le 03/01	5 978	le 01/01	+0.1%
DAX 30	13 429	13 495	at 09/01	13 127	at 06/01	+1.4%
IBEX 35	9 573	9 691	le 02/01	9 512	le 15/01	+0.0%
FTSE100	7 610	7 643	le 15/01	7 542	le 01/01	+0.1%
Asia						
MSCI, loc.	1 028	1 029	le 14/01	1 000	le 06/01	+0.2%
Nikkei	23 933	24 025	at 14/01	23 205	at 08/01	+1.2%
Emerging						
MSCI Emerging (\$)	1 141	1 144	le 13/01	1 111	le 08/01	+0.2%
China	89	90	at 13/01	85	at 01/01	+4.1%
India	608	609	at 15/01	580	at 06/01	+2.2%
Brazil	2 298	2 4 2 9	at 02/01	2 295	at 15/01	+0.6%
Russia	842	847	at 13/01	807	at 01/01	+3.7%
At 16-1-20	•				C	Change

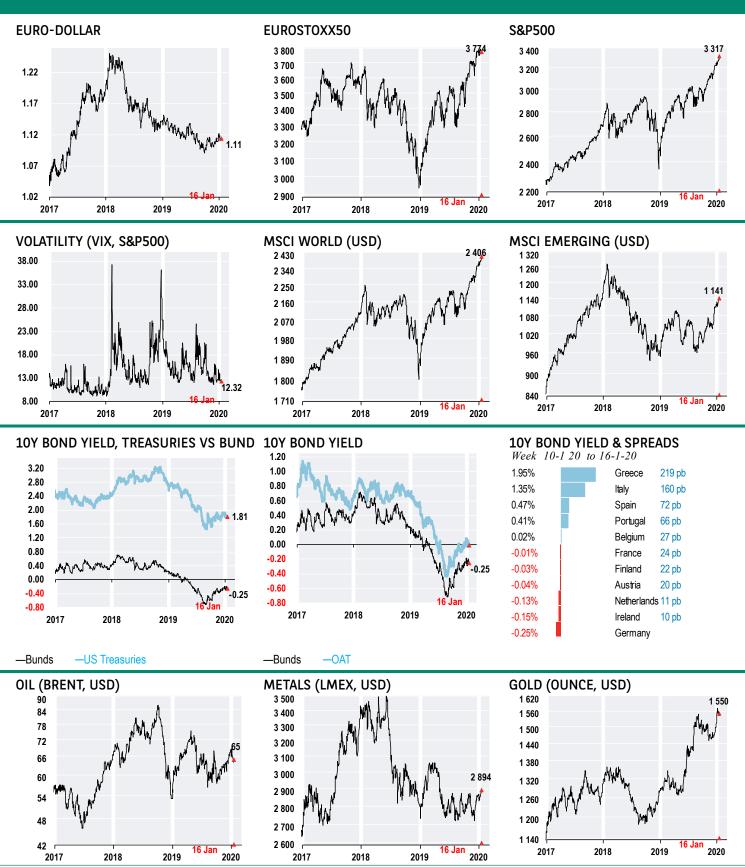
PERFORMANCE BY SECTOR (Eurostoxx50 & S&P500)





4

MARKETS OVERVIEW





ECONOMIC PULSE

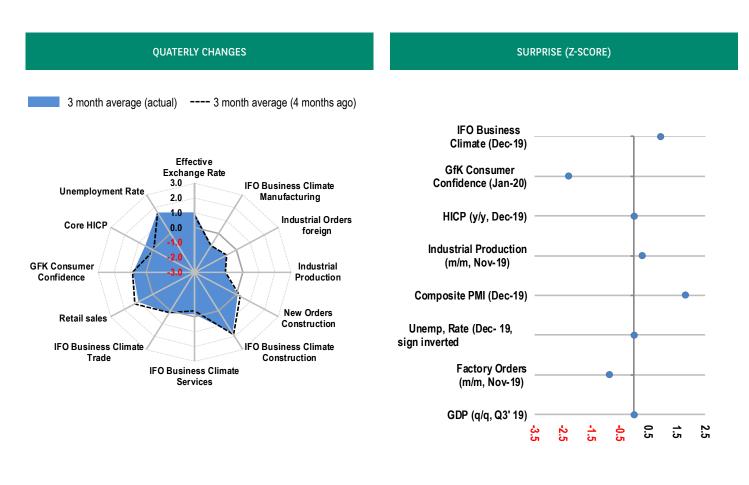
5

GERMANY: NASCENT SIGNS OF STABILIZATION IN INDUSTRY

The economic climate in Q4 has hardly changed compared to three months earlier. The weakness is concentrated in the manufacturing sector, where production and orders are well below their long-term average. The growth impetus is coming from the more domestic-oriented sectors such as construction and services. Consumer confidence and retail sales remain well oriented thanks to low unemployment, low interest rapidly increasing wages.

However, in January, the household confidence indicator fell more than expected on the back of lower income expectations. It could be a sign that the weakness in manufacturing is spilling over to the rest of the economy. On the other hand, some signs of stabilization in manufacturing were noted. In December, the ifo business climate index strengthened, partly because of a strong rebound in expectations in manufacturing and manufacturing activity strengthened more than expected in November. True, factory orders disappointed in November, but that was partly due to very strong reading in the preceding month. Overall, manufacturing production might have passed the trough.

Raymond Van Der Putten



SOURCES : THOMSON REUTERS, BNP PARIBAS

SOURCES : BLOOMBERG, BNP PARIBAS



ECONOMIC SCENARIO

UNITED STATES

• Despite the support coming from the Fed rate cuts in 2019, we expect growth to slow in the near term under the influence of corporate investment (slower profits growth, trade uncertainty) and housing (declining trend of affordability, despite a recent rebound). Consumer spending should be more resilient but could slow on the back of a less dynamic labour market.

 $\bullet\,$ As a consequence, we expect two Fed funds target rate cuts in the first half of 2020.

CHINA

• Economic growth continues to slow. Industrial activity and exports have been hard hit by US tariff hikes. Domestic demand has also decelerated.

• The central bank is easing liquidity and credit conditions, but the reduction in financial-instability risks should remain a priority and banks are prudent. Fiscal policy is expansionary through increased investment in infrastructure projects and household/corporate tax cuts. Tax measures are expected to have some success in supporting consumer spending.

• Consumer price inflation has accelerated due to rising food prices (soaring pork prices), but core inflation remains subdued.

EUROZONE

• The economic slowdown is continuing in the eurozone, especially in Germany, due to the international environment and difficulties in the manufacturing sector. The recent stabilization of business surveys, albeit at a low level, provides some hope but needs to be confirmed.

• Inflation is now expected to decrease while core CPI is hardly moving. The activity slowdown also implies that the pick-up in core inflation could be slower than expected until recently.

• The very accommodative monetary policy should be maintained as long as inflation hasn't converged sufficiently, in a convincing and lasting way, towards the ECB's objective.

FRANCE

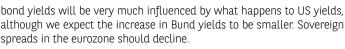
• Growth is slowing although the economy shows resilience. Households' consumption should get a boost from the tax cuts and the jobs recovery. Business investment dynamics remain favourable. The global backdrop is less supportive.

• A slight rise in core inflation is appearing but remains to be confirmed.

INTEREST RATES AND FX RATES

• In the US, we expect the Fed to cut its official rate twice in the first half of 2020 in reaction to a slowing economy, moderate inflation and high uncertainty. This should support the medium term growth outlook, which is why, after an initial decline, we expect Treasury yields to increase gradually.

• In the eurozone, the ECB's state-dependent forward guidance and the sluggishness of the inflation process imply that the very accommodative environment will remain in place for a long time. The movement of



• We expect that the Bank of Japan will refrain from further monetary easing.

• We expect little change in EUR/USD even though euro's fair value is quite higher than current pricing.

GROWTH & INFLATION

	GE	P Growth	า	Inflation			
%	2019 e	2020 e	2021 e	2019 e	2020 e	2021 e	
Advanced	1.7	1.1	1.6	1.5	1.6	1.4	
United-States	2.3	1.5	2.0	1.8	2.4	1.9	
Japan	1.0	0.2	0.7	0.5	0.6	0.3	
United-Kingdom	1.3	1.1	1.7	1.8	1.5	1.8	
Euro Area	1.1	0.8	1.3	1.2	1.0	1.0	
Germany	0.5	0.4	1.2	1.4	1.2	1.2	
France	1.3	1.1	1.3	1.3	1.0	1.1	
Italy	0.2	0.2	0.6	0.6	0.6	0.5	
Spain	2.0	1.7	1.6	0.8	0.8	0.9	
Emerging	3.8	4.0	4.2	4.6	4.6	3.6	
China	6.1	5.7	5.8	2.8	3.5	1.5	
India*	5.8	5.5	6.0	3.0	3.3	3.5	
Brazil	1.0	2.0	3.0	3.7	3.4	3.7	
Russia	0.9	1.5	1.5	4.7	3.8	4.0	

SOURCE: BNP PARIBAS GROUP ECONOMIC RESEARCH (E: ESTIMATES & FORECASTS) *FISCAL YEAR FROM 1ST APRIL OF YEAR N TO MARCH 31ST OF YEAR N+1

		II	NTERE	ST & E	KCHAN	GE RA	TES			
Intere	st rates, %	2019		2020						
End of	period	Q3	Q4	Q1e	Q2e	Q3e	Q4e	2018	2019	2020e
US	Fed Funds	2.00	1.75	1.50	1.25	1.25	1.25	2.50	1.75	1.25
	Libor 3m \$	2.09	1.91	1.40	1.20	1.20	1.25	2.81	1.91	1.25
	T-Notes 10y	1.67	1.92	1.60	1.80	2.10	2.00	2.69	1.92	2.00
Ezone	ECB Refi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Euribor 3m	-0.42	-0.38	-0.50	-0.50	-0.50	-0.50	-0.31	-0.38	-0.50
	Bund 10y	-0.57	-0.19	-0.50	-0.40	-0.30	-0.30	0.25	-0.19	-0.30
	OAT 10y	-0.28	0.08	-0.20	-0.15	-0.10	-0.10	0.71	0.08	-0.10
UK	Base rate	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
	Gilts 10y	0.40	0.83	1.00	1.10	1.20	1.20	1.27	0.83	1.20
Japan	BoJ Rate	-0.06	-0.05	-0.10	-0.10	-0.10	-0.10	-0.07	-0.05	-0.10
	JGB 10y	-0.22	-0.02	-0.10	0.00	0.05	0.10	0.00	-0.02	0.10
Excha End of	ange Rates	2019 Q3	Q4	2020 Q1e	Q2e	Q3e	Q4e	2018	2019	2020e
USD	EUR / USD	1.09	1.12	1.12	1.13	1.13	1.14	1.14	1.12	1.14
000	USD / JPY	108	109	104	103	103	103	110	109	103
	GBP / USD	1.23	1.32	1.35	1.36	1.36	1.39	1.27	1.32	1.39
	USD / CHF	1.00	0.97	0.99	0.99	0.99	1.00	0.99	0.97	1.00
EUR	EUR / GBP	0.89	0.83	0.83	0.83	0.83	0.82	0.90	0.83	0.82
	EUR / CHF	1.09	1.09	1.11	1.12	1.12	1.14	1.13	1.09	1.14
	EUR / JPY	118	122	116	116	116	117	125	122	117

SOURCE: BNP PARIBAS GLOBAL MARKETS (E: ESTIMATES)

6

economic-research.bnpparibas.com



7

CALENDAR

LATEST INDICATORS

In Germany, the GDP number for 2019 showed the extent of the slowdown versus 2018 (from 1,5% to 0,6%). Regional business surveys in the US picked up in January (Empire State, Philadelphia) whereas the NAHB housing market index was essentially stable. Chinese data were more or less in line with expectations but the growth slowdown continues.

DATE	COUNTRY/ZONE	INDICATOR	PERIOD	ACTUAL	PREVIOUS
01/14/2020	United States	CPI Ex Food and Energy YoY	Dec.	2.3%	2.3%
01/14/2020	China	Trade Balance CNY	Dec.	3.2927e+11	2.7421e+11
01/15/2020	France	CPI EU Harmonized YoY	Dec.	1.6%	1.6%
01/15/2020	Germany	GDP NSA YoY	2019	0.6%	1.5%
01/15/2020	United Kingdom	CPI YoY	Dec.	1.3%	1.5%
01/15/2020	Eurozone	Industrial Production SA MoM	Nov.	0.2%	-0.5%
01/15/2020	Eurozone	Trade Balance SA	Nov.	1.92e+10	2.45e+10
01/15/2020	United States	MBA Mortgage Applications	Jan.	30.2%	13.5%
01/15/2020	United States	PPI Ex Food and Energy YoY	Dec.	1.1%	1.3%
01/15/2020	United States	Empire Manufacturing	Jan.	4.8	3.5
01/15/2020	United States	U.S. Federal Reserve Releases Beige Book			
01/16/2020	Japan	Core Machine Orders YoY	Nov.	5.3%	-6.1%
01/16/2020	Germany	CPI EU Harmonized YoY	Dec.	1.5%	1.5%
01/16/2020	United States	Retail Sales Advance MoM	Dec.	0.3%	0.2%
01/16/2020	United States	Philadelphia Fed Business Outlook	Jan.	17.0	0.3
01/16/2020	United States	NAHB Housing Market Index	Jan.	75	76
01/17/2020	China	Retail Sales YTD YoY	Dec.	8.0%	8.0%
01/17/2020	China	Property Investment YTD YoY	Dec.	9.9%	10.2%
01/17/2020	China	Industrial Production YTD YoY	Dec.	5.7%	5.6%
01/17/2020	China	Fixed Assets Ex Rural YTD YoY	Dec.	5.4%	5.2%
01/17/2020	China	GDP YoY	4Q	6.0%	6.0%
01/17/2020	United Kingdom	Retail Sales Ex Auto Fuel YoY	Dec.		0.8%
01/17/2020	Eurozone	СРІ УоУ	Dec.		1.0%
01/17/2020	United States	Building Permits MoM	Dec.		1.4%
01/17/2020	United States	Housing Starts MoM	Dec.		3.2%



CALENDAR

COMING INDICATORS

A very busy weak ahead of us with meetings of the ECB and the Bank of Japan and the first survey data for January: flash PMIs in several countries, ZEW survey expectations, business confidence in France and the UK, eurozone consumer confidence. In addition we will have the Conference Board's index of leading indicators in the US and, in the eurozone, the results of the ECB's survey of professional forecasters.

DATE	COUNTRY/ZONE	INDICATOR	PERIOD	SURVEY	PREVIOUS
01/19/2020	United Kingdom	CBI Business Optimism	Jan.		-44
01/20/2020	Japan	Industrial Production MoM	Nov.		-0.90%
01/20/2020	Japan	Tokyo Dept Store Sales YoY	Dec.		-4.7%
01/21/2020	Germany	ZEW Survey Expectations	Jan.		10.7
01/21/2020	Japan	BOJ Policy Balance Rate	Jan.21		-0.100%
01/22/2020	France	Business Confidence	Jan.		106
01/22/2020	United States	Chicago Fed Nat Activity Index	Dec.		0.56
01/22/2020	United States	Existing Home Sales MoM	Dec.	1,9%	-1.7%
01/23/2020	Japan	Machine Tool Orders YoY	Dec.		
01/23/2020	Eurozone	ECB Main Refinancing Rate	Jan.23		0.000%
01/23/2020	Eurozone	Consumer Confidence	Jan.		-8.1
01/23/2020	United States	Leading Index	Dec.	-0,1%	0.0%
01/23/2020	United States	Kansas City Fed Manf. Activity	Jan.		-8
01/24/2020	Japan	Jibun Bank Japan PMI Composite	Jan.		48.6
01/24/2020	France	Markit France Composite PMI	Jan.		52.0
01/24/2020	Germany	Markit/BME Germany Composite PMI	Jan.		50.2
01/24/2020	Eurozone	ECB Survey of Professional Forecasters			
01/24/2020	Eurozone	Markit Eurozone Composite PMI	Jan.		50.9
01/24/2020	United States	Markit US Composite PMI	Jan.		52.7



The bank for a changing world

8

FURTHER READING

9

The US-China trade deal: relief, for now	EcoTV Week	17 January 2020
Mozambique: Debt crisis despite Eurobond restructuring	Chart of the Week	15 January 2020
Eco TV - January 2020	Eco TV	10 January 2020
Markets and geopolitical uncertainty: (ir)rational complacency?	EcoWeek	10 January 2020
Home affordability trends in France	Chart of the Week	8 January 2020
Banking in a low interest rate environment: the case of Portugal	Conjonture	23 December 2019
Sustainable and inclusive growth: the role of cities	Conjoncture	23 December 2019
What 2019 tells us about 2020	EcoTV Week	20 December 2019
2019: a difficult year, ending on a hopeful note	EcoWeek	20 December 2019
The UK: heading for the door	EcoFlash	20 December 2019
Looming money market tensions	EcoFlash	19 December 2019
Lebanon: How are structural deficits financed ?	Infographics	19 December 2019
France: dynamism and composition of business investment	Chart of the Week	18 December 2019
Very low interest rates for how long?	EcoWeek	13 December 2019
Eurozone economic slowdown: what if employment holds up?	EcoFlash	12 December 2019
<u>Eco TV – December 2019</u>	Eco TV	12 December 2019
Colombia: who holds the public debt and in what proportion?	Chart of the Week	11 December 2019
The Eurozone: a new Japan?	Conjonture	9 December 2019
France – pension reform: the main points of debate	EcoTV Week	6 December 2019
Renewed interest in US money market funds	Chart of the Week	4 December 2019



GROUP ECONOMIC RESEARCH

William De Vijlder Chief Economist	+33 1 55 77 47 31	william.devijlder@bnpparibas.com
ADVANCED ECONOMIES AND STATISTICS		
Jean-Luc Proutat Head – United States, United Kingdom	+33 1 58 16 73 32	jeanluc.proutat@bnpparibas.com
Hélène Baudchon France – Labour markets	+33 1 58 16 03 63	helene.baudchon@bnpparibas.com
Louis Boisset European Central Bank watch, Euro area global view, Japan	+33 1 57 43 02 91	louis.boisset@bnpparibas.com
Frédérique Cerisier Euro area (European gouvernance and public finances), Spain, Portugal	+33 1 43 16 95 52	frederique.cerisier@bnpparibas.com
Raymond Van Der Putten Germany, Netherlands, Austria, Switzerland – Energy, climate – Long-term projections	+33 1 42 98 53 99	raymond.vanderputten@bnpparibas.com
Tarik Rharrab Statistics	+33 1 43 16 95 56	tarik.rharrab@bnpparibas.com
BANKING ECONOMICS		
Laurent Quignon Head	+33 1 42 98 56 54	laurent.quignon@bnpparibas.com
Laure Baquero	+ 33 1 43 16 95 50	laure.baquero@bnpparibas.com
Céline Choulet	+33 1 43 16 95 54	celine.choulet@bnpparibas.com
Thomas Humblot	+ 33 1 40 14 30 77	thomas.humblot@bnpparibas.com
EMERGING ECONOMIES AND COUNTRY RISK		
François Faure Head, Argentina, Turkey, Ukraine, Central European countries	+33 1 42 98 79 82	francois.faure@bnpparibas.com
Christine Peltier Deputy Head – Greater China, Vietnam, South Africa	+33 1 42 98 56 27	christine.peltier@bnpparibas.com
Stéphane Alby Africa (French-speaking countries)	+33 1 42 98 02 04	stephane.alby@bnpparibas.com
Sara Confalonieri Africa (Portuguese & English-speaking countries)	+33 1 42 98 43 86	sara.confalonieri@bnpparibas.com
Pascal Devaux Middle East, Balkan countries	+33 1 43 16 95 51	pascal.devaux@bnpparibas.com
Hélène Drouot Korea, Thailand, Philippines, Mexico, Andean countries	+33 1 42 98 33 00	helene.drouot@bnpparibas.com
Salim Hammad Latin America	+33 1 42 98 74 26	salim.hammad@bnpparibas.com
Johanna Melka India, South Asia, Russia, Kazakhstan, CIS	+33 1 58 16 05 84	johanna.melka@bnpparibas.com
CONTACT MEDIA		
Michel Bernardini	+33 1 42 98 05 71	michel.bernardini@bnpparibas.com



GROUP ECONOMIC RESEARCH



CONJONCTURE

Structural or in news flow, two issues analysed in depth



EMERGING

Analyses and forecasts for a selection of emerging economies



PERSPECTIVES

Analyses and forecasts for the main countries, emerging or developed



ECOFLASH

Data releases, major economic events. Our detailed views ...



ECOWEEK

Weekly economic news and much more...



ECOTV

In this monthly web TV, our economists make sense of economic news



ECOTV WEEK

What is the main event this week? The answer is in your two minutes of economy



© BNP Paribas (2015). All rights reserved. Prepared by Economic Research - BNP PARIBAS Registered Office: 16 boulevard des Italiens - 75009 PARIS Tel: +33 (0) 1.42.98.12.34 - Internet : www.group.bnpparibas.com Publisher: Jean Lemierre. Editor: William De Vijlder



The information and opinions contained in this report have been obtained from, or are based on, The information and opinions contained in this report have been obtained from, or are based on, public sources believed to be reliable, but no representation or warranty, express or implied, is made that such information is accurate, complete or up to date and it should not be reliad upon as such. This report does not constitute an offer or solicitation to buy or sell any securities or other investment. It does not constitute an offer or solicitation to buy or sell any securities or taken in substitution for the exercise of judgement by any recipient; they are subject to change without notice and not intended to provide the sole basis of any evaluation of the instruments discussed herein. Any reference to past performance should not be taken as an indication of future performance. To the fullest extent permitted by law, no BNP Paribas group company accepts any liability whatsoever (including in negligence) for any direct or consequential loss arising from any use of or reliance on material contained in this report. All estimates and opinions included in this report are made as of the date of this report. Inless otherwise indicated in this report is no intention to update this report. BNP Paribas SA and its affiliates (collectively "BNP Paribas") may make a market in, or may, as principal or agent, buy or sell securities of any issuer or person mentioned in this report are included in this report, including a long or short position in their securities and/or options, futures or other derivative instruments based thereon. Prices, yields and other similar information included in this report and there is no intender will information included in this report. BNP Paribas may have a financial interse INP Paribas may, from the to time, solicit, perform or have performed in this report. BNP Paribas may have a financial interse INP Paribas may from the toting of the securities of any use or person wentioned in this report. BNP Paribas may have a financial interse INP Paribas may from this tender SNP Paribas may have a fi public sources believed to be reliable, but no representation or warranty, express or implied, is herein, or the research perimited by taw, have acted upoil or used the injoination Contained herein, or the research or analysis on which it was based, before its publication. BNP Paribas may receive or intend to seek compensation for investment banking services in the next three months from or in relation to any person mentioned in this report. Any person mentioned in this report may have been provided with sections of this report prior to its publication in order to verify its factual accuracy.

BNP Paribas is incorporated in France with limited liability. Registered Office 16 Boulevard des Italiens, 75009 Paris. This report was produced by a BNP Paribas group company. This report is for the use of intended recipients and may not be reproduced (in whole or in part) or delivered or transmitted to any other person without the prior written consent of BNP Paribas. By accep-ting this document you agree to be bound by the foregoing limitations.

Certain countries within the European Economic Area

Certain countries within the European Economic Area. This report has been approved for publication in the United Kingdom by BNP Paribas London Branch. BNP Paribas London Branch is authorised and supervised by the Autorité de Contrôle Prudentiel and authorised and subject to limited regulation by the Financial Services Authority. Details of the extent of our authorisation and regulation by the Financial Services Authority are available from us on request.

This report has been approved for publication in France by BNP Paribas SA. BNP Paribas SA is incorporated in France with Limited Liability and is authorised by the Autorité de Contrôle Prudentiel (ACP) and regulated by the Autorité des Marchés Financiers (AMF). Its head office is 16, boulevard des Italiens 75009 Paris, France.

This report is being distributed in Germany either by BNP Paribas London Branch or by BNP Pa-ribas Niederlassung Frankfurt am Main, a branch of BNP Paribas S.A. whose head office is in Pa-ris, France. BNP Paribas S.A. – Niederlassung Frankfurt am Main, Europa Allee 12, 60327 Frank-furt is authorised and supervised by the Autorité de Contrôle Prudentiel and it is authorised and subject to limited regulation by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin).

subject to umited regulation by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin). United States: This report is being distributed to US persons by BNP Paribas Securities Corp., or by a subsidiary or affiliate of BNP Paribas that is not registered as a US broker-dealer. BNP Paribas Securities Corp., a subsidiary of BNP Paribas, is a broker-dealer registered with the U.S. Securities and Exchange Commission and a member of the Financial Industry Regulatory Autho-rity and other principal exchanges. BNP Paribas Securities Corp. accepts responsibility for the content of a report prepared by another non-U.S. affiliate only when distributed to U.S. persons by BNP Paribas Securities Corp.

by BNP Paribas Securities Corp. Japan: This report is being distributed in Japan by BNP Paribas Securities (Japan) Limited or by a subsidiary or affiliate of BNP Paribas not registered as a financial instruments firm in Japan, to certain financial institutions defined by article 17-3, item 1 of the Financial Instruments and Exchange Law Enforcement Order: BNP Paribas Securities (Japan) Limited is a financial instru-ments firm registered according to the Financial Instruments and Exchange Law of Japan and a member of the Japan Securities Dealers Association and the Financial Futures Association of Japan. BNP Paribas Securities (Japan) Limited accepts responsibility for the content of a report prepared by another non-Japan affiliate only when distributed to Japanese based firms by BNP Paribas Securities (Japan) Limited. Some of the foreign securities stated on this report are not disclosed according to the Financial Instruments and Exchange Law of Japan. Hong Kong: This report is being distributed in Hong Kong by BNP Paribas Hong Kong Branch

Hong Kong: This report is being distributed in Hong Kong by BNP Paribas Hong Kong Branch, a branch of BNP Paribas whose head office is in Paris, France. BNP Paribas Hong Kong Branch is registered as a Licensed Bank under the Banking Ordinance and regulated by the Hong Kong Monetary Authority. BNP Paribas Hong Kong Branch is also a Registered Institution regulated by the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the Conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the Conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Commission for the Conduct of Regulated Activi under the Securities and Futures Ordinance.

Some or all the information reported in this document may already have been published on https://globalmarkets.bnpparibas.com

© BNP Paribas (2015). All rights reserved

