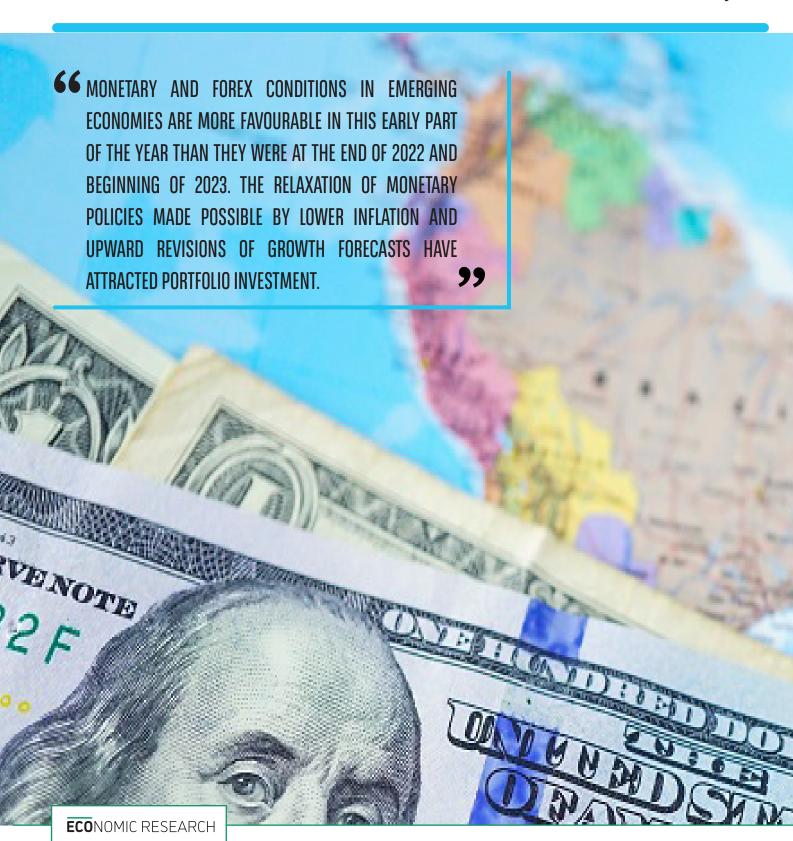
# **ECO**WEEK

**Issue 24.05** 5 February 2024





The bank for a changing world

# **TABLE OF CONTENT**

3

#### **EDITORIAL**

Sovereign risk in Emerging Markets: the usual suspects under pressure

4

#### **MARKETS OVERVIEW**

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

6

#### **ECONOMIC PULSE**

Analysis of some recent economic data: credit impulse in the Eurozone

7

#### **ECONOMIC SCENARIO**

Main economic and financial forecasts

8

#### **FURTHER READING**

Latest articles, charts, videos and podcasts of Economic Research



**EDITORIAL** 

3

#### SOVEREIGN RISK IN EMERGING MARKETS: THE USUAL SUSPECTS UNDER PRESSURE

Monetary and forex conditions in emerging economies are more favourable in this early part of the year than they were at the end of 2022 and beginning of 2023. The relaxation of monetary policies made possible by lower inflation and upward revisions of growth forecasts have attracted portfolio investment. Despite the increase in geopolitical risk, sovereign risk is likely to reduce except for the most fragile countries, which were already under pressure in 2023. For low-income countries, 2024 will be a high-risk year as governments' external debt repayments will remain very heavy, just as they were in 2023.

# A RELAXATION OF FINANCIAL CONDITIONS IN MOST EMERGING ECONOMIES...

Monetary and forex conditions in most emerging economies eased significantly in the final quarter of 2023, for both external and internal reasons: expectations of an easing of US monetary policy, an across-the board appreciation of currencies against the dollar, and the continued slowing of inflation, helped by falling commodity prices. Most central banks in Latin America and Central Europe continued to cut policy rates. Bond yields followed this trend, but without amplifying it. Yields also fell in countries where policy rates were held steady (mainly in Asia), and even in Turkey where monetary tightening was still ongoing. Appetite of fund managers for EM debt has returned. Excluding China, non-resident portfolio investments in bond markets was particularly strong in November and December, contrasting with the picture seen in late 2022 (see chart). According to IMF economists, bond yields in emerging economies over the last monetary cycle have been less sensitive than in the past to changes in US bond yields. Relative to the 'taper tantrum' of 2013, the sensitivity coefficient has fallen by two-thirds for Latin American countries and by 40% for those in Asia.

# ...BUT SOVEREIGN RISK IS RISING FOR THE MOST FRAGILE CASES AND FOR LOW-INCOME COUNTRIES

In general terms, the solvency of emerging economy governments should improve in 2024, thanks to the combined effects of lower interest rates and upgraded growth prospects. The IMF has increased its forecast for global growth by 0.2 percentage points since October 2023, with a notable increase in its forecast for the USA, where it expects the landing to be much softer than previously thought (2.1% growth in 2024, from 2.5% in 2023). The Fund has also uprated forecasts for several of the major emerging economies (Brazil, India, Mexico, Russia). It continues to expect growth in China to slow (from 5.2% to 4.6%), but by less than it predicted last autumn.

Be this as it may, amongst the emerging economies the risk of a sovereign default has increased for three countries which were already under pressure in 2023, namely Argentina, Egypt and Tunisia (see below). Tunisia's financing requirement has more than doubled, rising to 17% from 8% of GDP before the pandemic. In Egypt, debt service costs will account for 70% of revenue, which looks unsustainable. In Argentina, the 2020 debt restructuring lightened the government's interest burden but that of the central bank has only increased as it has absorbed the monetary financing of the budget deficit; the cost of sterilisation has reached 8% of GDP. In addition, the governments in each of these three countries have foreign currency borrowings and currency reserves are considered very inadequate. Argentina is on financial life-support from the IMF, but support to Egypt was interrupted in 2023 and Tunisia has still not reached agreement.

#### BOND FUNDS DEDICATED TO EMERGING COUNTRIES



2024 will be a high-risk year for low-income countries as well. The geopolitical risk remains very high, with the continuing war in Ukraine and tensions in the Middle East that Israel's military intervention in Gaza has only heightened. It is clearly the most vulnerable countries that suffer most from the economic consequences of these conflicts. The IIF notes that more than half of the 73 countries that have had access to the debt service suspension mechanism have a high level of sovereign risk or are in a position of debt distress (15 are in default). As in 2023, repayments of long-term external debt by these countries will be very high in 2024, at USD78 billion, after USD75 billion in 2023 – twice as much as in 2020.

François Faure

francois.faure@bnpparibas.com



# **MARKETS OVERVIEW**

#### OVERVIEW

#### **MONEY & BOND MARKETS**

Week 26-1 24 to 2-2	2-24			Interest Rates		highest 24	lowest 24	Yield (%)		highest 24	lowest 24
≥ CAC 40	7 634 ▶	7 592	-0.5 %	€ECB	4.50	4.50 at 01/01	4.50 at 01/0	1 € AVG 5-7y	2.64	2.64 at 01/01	2.64 at 01/01
<b>⊅</b> S&P 500	4 891 ▶	4 959	+1.4 %	Eonia	-0.51	-0.51 at 01/01	-0.51 at 01/0	-	2.65	2.99 at 19/01	2.53 at 01/02
				Euribor 3M	3.90	3.97 at 18/01	3.88 at 01/0	Bund 10y	2.20	2.32 at 23/01	2.02 at 03/01
→ Volatility (VIX)	13.3 ▶	13.9	+0.6 pb	Euribor 12M	3.54	3.68 at 24/01	3.51 at 01/0	0AT 10y	2.66	2.76 at 18/01	2.47 at 01/01
■ Euribor 3M (%)	3.89 ▶	3.90	+1.3 bp	\$ FED	5.50	5.50 at 01/01	5.50 at 01/0	Corp. BBB	3.88	4.06 at 17/01	3.75 at 01/01
Libor \$ 3M (%)	5.58 ▶	5.55	-2.7 bp	Libor 3M	5.55	5.59 at 01/01	5.53 at 01/0	\$ Treas. 2y	4.41	4.48 at 24/01	4.22 at 15/01
■ OAT 10y (%)	2.70 ▶	2.66	-4.7 bp	Libor 12M	6.04	6.04 at 01/01	6.04 at 01/0		4.03	4.18 at 24/01	3.86 at 01/02
■ Bund 10y (%)	2.27 ▶	2.20	-6.8 bp	£ BoE	5.25	5.25 at 01/01	5.25 at 01/0	l High Yield	7.88	8.10 at 05/01	7.82 at 01/01
■ US Tr. 10y (%)	4.15 ▶	4.03	-12.1 bp	Libor 3M	5.32	5.33 at 24/01	5.31 at 16/0		4.43	4.43 at 02/02	3.98 at 01/01
≥ Euro vs dollar	1.09 ▶	1.08	-0.6 %	Libor 12M	0.81	0.81 at 01/01	0.81 at 01/0	gilt. 10y At 2-2-24	4.00	4.09 at 24/01	3.60 at 01/01
<b>对</b> Gold (ounce, \$)	2 017 ▶	2 035	+0.9 %	At 2-2-24				AL 2-2-24			
→ Oil (Brent, \$)	82.0 ▶	77.5	-5.4 %								

#### **EXCHANGE RATES**

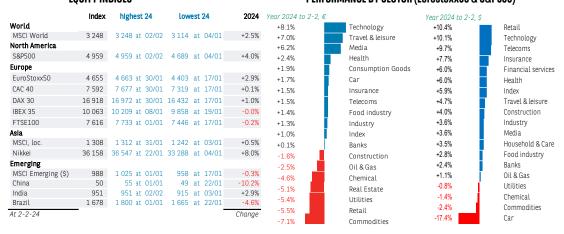
1€=		high	est 24	low	est/	24	2024
USD	1.08	1.10	at 01/01	1.08	at	29/01	-2.2%
GBP	0.85	0.87	at 02/01	0.85	at	29/01	-1.5%
CHF	0.94	0.95	at 22/01	0.93	at	08/01	+0.6%
JPY	160.16	161.18	at 19/01	155.33	at	02/01	+2.8%
AUD	1.66	1.66	at 17/01	1.62	at	02/01	+2.4%
CNY	7.76	7.86	at 10/01	7.75	at	29/01	-1.0%
BRL	5.37	5.41	at 22/01	5.32	at	12/01	+0.0%
RUB	97.92	100.17	at 03/01	95.72	at	19/01	-0.8%
INR	89.58	91.92	at 01/01	89.58	at	02/02	-2.6%
At 2-2	24						Change

#### COMMODITIES

Spot price, \$		high	est	24	lov	vest	24	2024	2024(€)
Oil, Brent	77.5	82.8	at	30/01	75.8	at	08/01	-0.2%	+2.1%
Gold (ounce)	2 035	2 067	at	02/01	2 010	at	17/01	-1.5%	+0.8%
Metals, LMEX	3 667	3 762	at	01/01	3 596	at	17/01	-2.5%	-0.3%
Copper (ton)	8 374	8 512	at	30/01	8 174	at	17/01	-1.1%	+1.2%
wheat (ton)	225	2.3	at	01/01	216	at	16/01	-3.5%	-1.3%
Corn (ton)	165	1.7	at	01/01	163	at	17/01	-0.5%	-3.0%
At 2-2-24									Change

#### **EQUITY INDICES**

#### PERFORMANCE BY SECTOR (Eurostoxx50 & S&P500)



SOURCE: REFINITIV, BNP PARIBAS



# **MARKETS OVERVIEW**









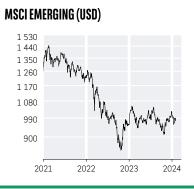
2022

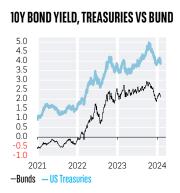
2023

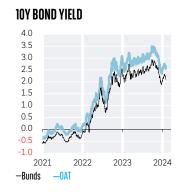
2024

10 — 2021

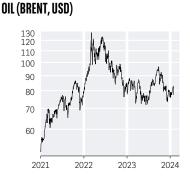


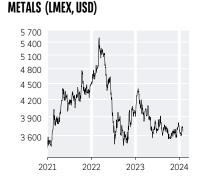


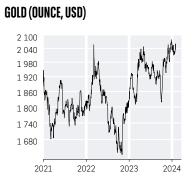












SOURCE: REFINITIV, BNP PARIBAS

## **ECONOMIC PULSE**

6

#### EUROZONE: THE SLOWDOWN IN BANK LENDING IS HAVING PALPABLE EFFECTS ON ACTIVITY AND INFLATION

The ECB's tightening of monetary policy between the summer of 2022 and September 2023 continued to have its effects on euro zone bank lending in the fourth quarter of 2023. However, in the absence of a further turn of the screw since September 2023, these effects have not intensified further. Outstanding bank loans to the private sector even accelerated slightly, year-on-year, in the fourth quarter (up 0.5% in December 2023 compared to 0.3% in September) in line with GDP (up 0.1% in the fourth quarter from 0.0% in the third). The credit impulse remains negative but increased slightly for the first time since the ECB began to increase rates in July 2022.

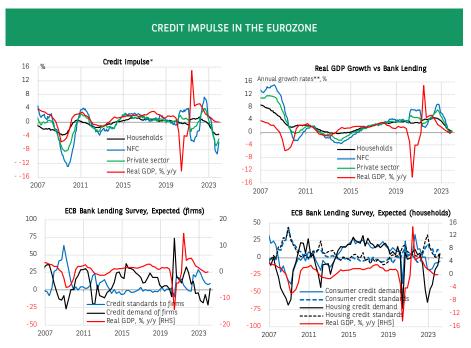
The 157 banks surveyed by the ECB between 8 December 2023 and 2 January 2024 indicated that they had slightly tightened conditions for loans to businesses. The main reasons cited were risk perceptions related to the economic outlook and the situation of firms. The deceleration in business lending outstanding (+0.33% y/y in December 2023, from +3.8% in December 2022) resulted from the delayed effects of cumulative rate rises since 2022 and a fall in demand. The latter particularly affected long-term loans and investment expenditure. Having hit bottom in October 2023, the credit impulse remained negative in December 2023, at -5.9, but showed a recovery compared to the previous months (August to November 2023), due to a largely technical improvement (favourable basis of comparison from late 2022). It is now above the level seen in 2009, in the aftermath of the financial crisis, and closing in on the levels observed in summer 2021 (-5.6 in August 2021).

The banks surveyed indicated that they had also tightened lending conditions for households in the fourth quarter of 2023, to a limited degree for mortgage loans and more significantly for consumer credit. The increase in perceived risk, irrespective of the purpose of the loan, and lower risk tolerance for consumer loans were the main reasons given. Over and above the higher cost of borrowing, weak consumer confidence and the deterioration of real estate market prospects hit demand for credit. In line with the trend that began in the summer of 2022, growth in outstanding loans to households continued to decelerate in the fourth quarter (rising 0.3% y/y in December 2023, from 0.8% in September) whilst the credit impulse for household lending has remained fairly stable since August 2023 (-3.6 in December).

The tightening of monetary policy and the heavy brake applied to outstanding loans to the private sector contributed to the sharp deceleration, beginning in the spring of 2021, and then contraction in year-on-year terms between July and December 2023 of M3 money supply. This contraction, the first since 2009, and more particularly the fact that it has been on a scale (-1.3% in August 2023) not seen since the beginning of the ECB's retropolated series (1981), has contributed to the fall in underlying inflation. According to the ECB's preliminary estimate, this measure

of money supply more or less stabilised, year-onyear, in January 2024 (+0.1%). Over the same period, core inflation (excluding energy, food, alcohol and tobacco) continued to fall (+3.3%, from +3.4% in December), as did total inflation (+2.8%, from +2.9%).

For the first quarter of 2024, banks are expecting continued tightening of lending conditions for businesses. At the same time, they expect a slight strengthening of demand for business lending for the first time since the second guarter of 2022. This might, however, be only a temporary rebound. In several places in its Bank Lending Survey, the ECB highlights that business credit standard are a leading indicator of changes in outstanding loans with a horizon of five or six quarters. These credit standards, coupled with the delayed effects of past interest rate increases, suggest that in fact demand for business lending will remain very contained in the euro zone throughout 2024, despite the beginnings of a loosening of policy rates and a recovery in economic activity, both expected in the second half of the year. For households, whilst banks are expecting a continued contraction in demand for consumer credit in the first quarter of 2024, they also expect mortgage demand to recover for the first time since the first quarter of 2022. This analysis should be taken in the context of the easing of



\*Credit impulse is measured as the annual change of the annual growth rate of MFI loans \*\* Adjusted for securitizations

SOURCE: ECB, ECB SURVEY ON THE DISTRIBUTION OF CREDIT, BLS, BNP PARIBAS CALCULATIONS

bond markets between October and December 2023, which, at the time of the survey, seemed to be pointing towards downward revision of fixed-rate matrices. The movements seen since then have wiped out part of the fall in yields observed at the time of the survey, and the perception would no doubt be less favourable today. Over the year as a whole, demand for borrowing will continue to be constrained by financing costs that are still high relative to those seen prior to 2022 and penalised by expectations of adjustments in real estate markets.

Laurent Quignon



#### **UNITED STATES**

The possibility of a US recession triggered by monetary tightening is looking less and less likely given the resilience of an economy that continued to grow by 0.8% q/q in Q4 2023 and by 2.5% on average over the year, thanks to the resilience of household consumption and the strength of nonresidential investment. Our central scenario is now that of a marked slowdown albeit without an economic recession in H1 2024. The peak in inflation was reached in mid-2022, and core disinflation is becoming more significant. Inflation should approach the 2% target in 2024. Progress on that front should be considered as sufficient by the Fed to now look forward to a soft landing and start cutting rates progressively, from May

#### **CHINA**

The post-Covid rebound in economic growth weakened rapidly in 2023 and proved to be weaker than initially expected. Domestic demand has remained held back by a significant loss in consumer and investor confidence. The crisis in the property sector has persisted, with the continued fall in sales, defaults of developers and growing difficulties of certain financial institutions. Export momentum stalled last year due to the weakening in global demand and tensions with the US. Yet, Chinese exports have recently regained strength and this trend is expected to continue in the short term. Moreover, the government and the central bank have implemented new policy stimulus measures since last summer. Economic activity has strengthened slightly while consumer price inflation has remained very low. The authorities will keep an accommodative policy mix in the short term, still being constrained by the debt excess of the economy and the weak financial situation of local governments.

#### EUROZONE

The euro area narrowly escaped economic contraction in the last quarter of 2023. Real GDP remained stable in Q4, with annual growth of 0.5% in 2023. The negative effects of monetary tightening are expected to continue to weigh on economic activity this winter. Activity is expected to inch higher in the first quarter of 2024, before a more pronounced recovery from spring onwards. This would be underpinned by a first rate cut by the ECB, which we expect to happen in April. This monetary easing would accompany the inflation decline, which is expected to come close to the 2% target during the second quarter. Disinflation, along with the dynamism of wages, is expected to support household purchasing power and consumption. Growth should also be supported by NGEU disbursements and its deployment on the ground.

#### **FRANCE**

France experienced 0% q/q growth in Q3 and Q4 2023 after a short-lived acceleration in Q2 2023 (+0.7% t/t, driven by exceptional factors, such as aeronautics). In Q4, corporate investment has decreased for the first time (after significant growth). In parallel, household consumption eroded and household investment decreased markedly. Disinflation is now visible (the harmonized index grew by 3.4% y/y in January 2024, compared to 5.7% y/y in September 2023), but the impact of higher interest rates should continue to be felt. As a result, we except 0.1% growth q/q during the Q1 2024. Going forward, we expect no clear growth acceleration this year (0.6% in 2024 after 0.9% in 2023).

#### RATES AND EXCHANGE RATES

The last meetings of 2023 confirmed that the 25bp rate hike of the Fed funds in July and of the ECB policy rates in September (deposit rate at 4.00%, refinancing rate at 4.50%) was very likely to be the last of an exceptional tightening cycle. The possibility of a further monetary tightening has still not completely and officially disappeared, but it has been a lot reduced by the fall in inflation, which is getting closer more visibly to the 2% target. Positive developments on the inflation front, together with the expected weakening of growth, pave the way for the first rates cuts in April for the ECB and May for the Fed. However, on both sides of the Atlantic, policy rates in real terms and the degree of monetary restriction would remain about unchanged. And the induced decline in long-term rates should be limited by the importance of bond issuance against a background of quantitative tightening. In this regard, we expect a halt in the spring of 2024 to the ECB's reinvestments under the PEPP.

On 31 October, the Bank of Japan (BoJ) adjusted its yield curve control policy (YCC) by allowing a wider fluctuation in 10-year sovereign interest rates around the target of 1%. Further adjustments to monetary policy are likely, given that the country currently faces the fastest rate of inflation since the early 1990s. We expect the Bol to end its negative interest rate policy in March or April, while significantly easing its yield curve control policy. We remain bearish regarding the US dollar, particularly from Q2 2024 and especially versus the euro, given that we expect fewer rate cuts by the ECB than the Fed. We also expect the yen to strengthen versus the USD, based on the combination of the start of BoJ tightening, of the repatriation by Japanese investors of their foreign holdings, and of the fall in US bond yields.

#### GDP GROWTH AND INFLATION

		GDP	Growth			Infla	tion	
%	2022	2023 e	2024 e	2025 e	2022	2023 e	2024 e	2025 e
United-States	1.9	2.5	2.0	1.4	8.0	4.1	2.7	2.3
Japan	0.9	2.1	8.0	0.9	2.5	3.2	2.1	1.9
United-Kingdom	4.4	0.3	-0.1	1.1	9.1	7.4	2.2	2.3
Euro Area	3.4	0.5	0.7	1.6	8.4	5.4	2.1	1.9
Germany	1.9	-0.1	0.2	1.3	8.7	6.1	2.2	2.0
France	2.5	0.9	0.6	1.4	5.9	5.7	2.2	1.6
Italy	3.9	0.7	0.9	1.5	8.7	6.0	1.5	2.5
Spain	5.8	2.5	1.8	2.1	8.3	3.4	2.4	1.5
China	3.0	5.2	4.5	4.3	2.0	0.4	1.5	1.7
India*	7.2	7.5	7.0	6.5	6.7	5.8	5.7	4.5
Brazil	2.9	3.1	1.8	1.8	9.3	4.6	3.6	3.9

Source: BNP Paribas (e: Estimates & forecasts)

Last update: 1 February 2024

#### INTEREST AND EXCHANGE RATES

Interest rates, %						
End of period		Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q4 2025
US	Fed Funds (upper limit)	5.50	5.00	4.50	4.00	2.75
	T-Note 10y	4.15	4.00	3.95	3.95	4.00
Eurozone	deposit rate	4.00	3.50	3.00	2.75	2.50
	Bund 10y	2.45	2.35	2.20	2.20	2.50
	OAT 10y	3.02	2.91	2.75	2.75	3.05
	BTP 10y	4.25	4.00	3.95	3.90	4.20
	BONO 10y	3.45	3.25	3.10	3.05	3.30
UK	Base rate	5.25	5.00	4.75	4.25	3.00
	Gilts 10y	3.90	3.75	3.65	3.55	3.65
Japan	BoJ Rate	0.10	0.10	0.25	0.25	0.75
	JGB 10y	0.95	1.20	1.35	1.35	1.35

#### Exchange Rates

Quarter Average

End of period		Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q4 2025
USD	EUR / USD	1.10	1.12	1.14	1.15	1.18
	USD / JPY	145	141	138	135	130
	GBP / USD	1.26	1.29	1.31	1.32	1.36
EUR	EUR / GBP	0.87	0.87	0.87	0.87	0.87
	EUR / JPY	160	158	157	155	153
_						

Q1 2024 Q2 2024 Q3 2024 Q4 2024 Q4 2025

Sources: BNP Paribas (Market Economics, Interest Rate Strategy, FX Strategy, Commodities Desk Strategy)

Last update: 18 January 2024



<sup>\*</sup> Fiscal year from 1st April of year n to March 31st of year n+1

# **FURTHER READING**

8

French trade balance in 2023: the deficit is narrowing, including in volume terms	EcoBrief	5 February 2024
2024: a critical year	EcoPerspectives	1 February 2024
Sri Lanka: FX reserves have increased but the situation remains fragile	Chart of the Week	31 January 2024
The 'last mile of disinflation', a narrative running on its last legs	EcoWeek	30 January 2024
Eurozone: no recession in 2023 but mixed fortunes among Member States	EcoBrief	30 January 2024
France: a business climate survey in line with continued disinflation	EcoBrief	25 January 2024
France: Household financial savings rate remains high despite the sharp contraction in financial investment flows	Chart of the Week	24 January 2024
Central banks: no hurry, no worry	EcoWeek	22 January 2024
EcoTV The Graph · Electricity: France goes to 2024 in an Olympic shape	EcoTV	22 January 2024
FRENCH ECONOMY POCKET ATLAS - JANUARY 2024	EcoCharts	19 January 2024
"Lenders of next-to-last resort": too big a role for the Federal Home Loan Banks?	EcoFlash	19 January 2024
2024: two anniversaries - And hopes for an inversion of the emissions curve	Chart of the Week	17 January 2024
Global economy : the year has changed, the economic situation remains mixed	EcoWeek	15 January 2024
Inflation tracker - January 2024   Inflation picked up in the euro area and the United States in December	EcoCharts	12 January 2024
Outlook 2024: decline of inflation and policy rates to support growth	EcoTV	12 January 2024
Recruitment difficulties intensify in Japan	Chart of the Week	10 January 2024
Global economy - 2024: lower central bank rates and then what?	EcoWeek	10 January 2024
December issue	EcoPulse	22 December 2023
Global economy: 2023: a year of transition with many surprises	EcoWeek	21 December 2023
Sub-Saharan Africa: multilateral creditors have redoubled their efforts to finance the region	Chart of the Week	19 December 2023
Housing supply challenges in France: an unsolvable issue?	EcoConjoncture	19 December 2023



# **GROUP ECONOMIC RESEARCH**

William De Vijlder Chief Economist	+33 1 55 77 47 31	william.devijlder@bnpparibas.com
OECD ECONOMIES AND STATISTICS		
Hélène Baudchon Deputy chief economist, Head - United States	+33 1 58 16 03 63	helene.baudchon@bnpparibas.com
Stéphane Colliac France, Germany	+33 1 42 98 43 86	stephane.colliac@bnpparibas.com
Guillaume Derrien Eurozone, Southern Europe, Japan, United Kingdom - Global trade	+33 1 55 77 71 89	guillaume.a.derrien@bnpparibas.com
Veary Bou, Tarik Rharrab Statistics		
ECONOMIC PROJECTIONS, RELATIONSHIP WITH THE FRENCH	NETWORK	
Jean-Luc Proutat Head	+33 1 58 16 73 32	jean-luc.proutat@bnpparibas.com
BANKING ECONOMICS		
Laurent Quignon Head	+33 1 42 98 56 54	laurent.quignon@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
Marianne Mueller	+33 1 40 14 48 11	marianne.mueller@bnpparibas.com
EMERGING ECONOMIES AND COUNTRY RISK		
François Faure Head - Argentina, Turkey - Methodology, Modelling	+33 1 42 98 79 82	francois.faure@bnpparibas.com
Christine Peltier Deputy Head – Greater China, Vietnam – Methodology	+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
Pascal Devaux Middle East, Balkan countries	+33 1 43 16 95 51	pascal.devaux@bnpparibas.com
Hélène Drouot South Korea, Philippines, Thailand, 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
Cynthia Kalasopatan Antoine Ukraine, Central European countries	+33 1 53 31 59 32	cynthia.kalasopatan.antoine@bnpparibas.com
Johanna Melka India, South Asia, Russia, Kazakhstan	+33 1 58 16 05 84	johanna.melka@bnpparibas.com
Lucas Plé Africa (Portuguese & English-speaking countries)	+33 1 40 14 50 18	lucas.ple@bnpparibas.com
CONTACT MEDIA		
Mickaelle Fils Marie-Luce	+33 1 42 98 48 59	mickaelle.filsmarie-luce@bnpparibas.com



## **GROUP ECONOMIC RESEARCH**

### **ECO**CONJONCTURE

Structural or thematic topics.

### **ECO**EMERGING

Analyses and forecasts for a selection of emerging economies.

### **ECO**PERSPECTIVES

Analyses and forecasts with a focus on developed countries.

### **ECO**FLASH

Data releases, major economic events.

#### **ECOWFFK**

Recent economic and policy developments, data comments, economic calendar, forecasts.

### **ECO**CHARTS

Easy-to-read monthly overview of inflation dynamics in the main developed economies.

### **ECOPULSE**

Monthly barometer of key economic indicators of the main OECD

### **ECO**TV WFFK

### **MACROWAVES**

Our economic podcast



Published by BNP PARIBAS Economic Research

Head office: 16 boulevard des Italiens – 75009 Paris France / Phone : +33 (0) 1.42.98.12.34 Internet: www.group.bnpparibas - www.economic-research.bnpparibas.com

Head of publication: Jean Lemierre / Chief editor: William De Vijlder

Copyright: Anna Bohdan

The information and opinions contained in this document have been obtained from, or are based The information and opinions contained in this document have been obtained from, or are based on, public sources believed to be reliable, but there is no guarantee of the accuracy, completeness or fitness for any particular purpose of such information and such information may not have been independently verified by BNPP or by any person. None of BNPP, any of its subsidiary undertakings or affiliates or its members, directors, officers, agents or employees accepts any responsibility or liability whatsoever or makes any representation or warranty, express or implied, as to the accuracy and completeness of the information or any opinions based thereon and contained in this document and it should not be relied upon as such. This document does not constitute research, as defined under MIFID II, or form any part of any offer to sell or issue and is not a solicitation of any offer to purchase any financial instrument, nor shall it or any part of it nor the fact of its distribution form the basis of, or be relied on, in connection with any contract or investment decision. Information and opinions contained in this document are published for the information of recipients, but are not to be relied upon as authoritative or any contract or investment decision. Information and opinions contained in this document are published for the information of recipients, but are not to be relied upon as authoritative or taken in substitution for the exercise of judgment by any recipient, are subject to change without notice. In providing this document, BNPP does not offer investment, financial, legal, tax or any other type of advice to, nor has any fiduciary duties towards, recipients. Any reference to past performance is not indicative of future performance, which may be better or worse than prior results. Any hypothetical, past performance simulations are the result of estimates made by BNPP, as of a given moment, on the basis of parameters, market conditions, and historical data selected by BNPP, and should not be used as guidance, in any way, of future performance. To the fullest extent permitted by law, no BNPP 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 document even when advised of the possibility of such losses. All estimates and opinions included in this document are made as of the date of this document. Unless otherwise indicated in this document. BNPP less otherwise indicated in this document there is no intention to update this document. BNPP may make a market in, or may, as principal or agent, buy or sell securities of any issuer or person mentioned in this document or derivatives thereon. Prices, yields and other similar information included in this document are included for information purposes however numerous factors will affect market pricing at any particular time, such information may be subject to rapid change and there is no certainty that transactions could be executed at any specified price. BNPP may have a financial interest in any issuer or person mentioned in this document, including a long or short position in their securities and/or options, futures or other derivative instruments based or short position in their securities and/or options, futures or other derivative instruments based thereon, or vice versa. BNPP, including its officers and employees may serve or have served as an officer, director or in an advisory capacity for any person mentioned in this document. BNPP may, from time to time, solicit, perform or have performed investment banking, underwriting or other services (including acting as adviser, manager, underwriter or lender) within the last 12 months for any person referred to in this document. BNPP may be a party to an agreement with any person relating to the production of this document. BNPP may to the extent permitted by law, have acted upon or used the information contained herein or in the document, or the analysis on which it was based, before the document was published. BNPP 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 document. Any person mentioned in this document may have been provided with relevant sections of this document for to its publication in order. may have been provided with relevant sections of this document prior to its publication in order to verify its factual accuracy

This document was produced by a BNPP group company. This document 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 BNPP. By accepting or accessing this

BNP Paribas is a société anonyme incorporated in France, licensed and supervised as a credit institution by the European Central Bank (ECB) and as an investment services provider by the Autorité de contrôle prudentiel et de résolution (ACPR) and Autorité des marches financiers (AMF), and having its registered office at 16, boulevard des Italiens, 75009 Paris, France

Some or all of the information contained in this document may already have been published on <a href="https://globalmarkets.bnpparibas.com">https://globalmarkets.bnpparibas.com</a>.

For country-specific disclaimers (United States, Canada, United Kingdom, Germany, Belgium, Ireland, Italy, Netherlands, Portugal, Spain, Switzerland, Brazil, Turkey, Israel, Bahrain, South Africa, Australia, China, Hong Kong, India, Indonesia, Japan, Malaysia, Singapore, South Korea, Taiwan, Thailand, Vietnam) please type the following URL to access the applicable legal notices: <a href="https://globalmarkets.bnpparibas.com/gm/home/Markets\_360\_Country\_Specific\_Notices.pdf">https://globalmarkets.bnpparibas.com/gm/home/Markets\_360\_Country\_Specific\_Notices.pdf</a> © BNP Paribas (2023). All rights reserved.

