

**100**  
years

Empowering  
Investors

**Vontobel**

# Investors' Outlook

**At a crossroads**



**November 2024,  
For US, Canada and Latin American Clients**

### 3 Editorial

### 4 Investment strategy

Between the lines

### 6 Market highlights

Has the European economy turned the corner?

### 8 Asset classes in focus

### 12 Forecasts

#### **Publishing by**

Vontobel Swiss Financial Advisers AG  
Gotthardstrasse 43  
8022 Zürich  
Switzerland

#### **Editors**

Vontobel editing team

#### **G.J. Midge Brown**

Business Developer,  
Vontobel SFA

#### **Authors\***

##### **Dr. Pascal Köppel**

Chief Investment Officer (CIO),  
Vontobel SFA

##### **Dr. Pieter Jansen**

Chief Investment Strategist,  
Vontobel SFA

##### **Christoph Windlin**

Deputy Head Investment Management,  
Vontobel SFA

##### **Markus Bruhin**

Head Managed Solutions,  
Vontobel SFA

##### **Philipp Wartmann**

Senior Investment Adviser,  
Vontobel SFA

#### **Frequency**

Ten times per year  
(next issue December 2024)

#### **Concept**

MetaDesign AG

#### **Creation & Realization**

Vontobel

#### **Images**

Getty Images, Vontobel

#### **Input deadline for this edition**

November 7, 2024

#### **Remarks**

\* Legal information on page 13

# At a crossroads



**Dr. Pascal Köppel**  
Chief Investment Officer,  
Vontobel SFA

Dear readers,

Ex-president Donald Trump secured a second term of his US presidency in this month's US election. In the election the Republican party also secured a majority in the senate and most likely in the house as well. The implication of this is that there is a unified government which could make the implementation of new legislation easier.

As the new president will soon take over, the US economy remains in a reasonably strong position. Economic growth has slowed from levels well above trend in 2023 to those that are closer to trend. Meanwhile, the labor market has gradually cooled, contributing to a gradual slowdown in year-over-year employment growth, an unemployment rate approaching the natural rate and a deceleration in nominal wage growth. So far, the US economy has been on track to a soft landing.

Although the details on the exact policy measures will take a while to come through as a new government is formed, we can be sure of measures that can help US growth in the short run, with fiscal stimulus taking center stage. In that process, there is also the risk of inflation starting to flare up a bit again.

Amid declining inflation and signs of a weakening labor market, the US Federal Reserve (Fed) started to cut interest rates. However, a stronger-than-expected jobs report in September in combination with an expectation of stronger growth in 2025 has now sparked skepticism over whether the Fed will maintain its dovish stance (the hurricane and strike impacted October numbers are seemingly being treated as an outlier).

A key issue we are watching is the growing federal deficit, which will pose a challenge for the new president. The trajectory points toward higher federal debt which would be a potential risk to the US dollar and highlighting the

need for diversified investment strategies.

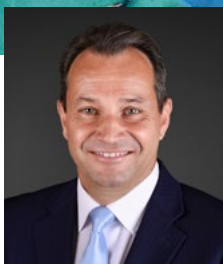
Elsewhere in the world, we have seen some moderation in high-frequency leading indicators. In Europe growth has picked up from the sluggish pace of 2023, although Germany remains a laggard. Other parts of the region, especially in the south, have been showing strong growth, with Spain achieving near 3 percent expansion in 2023, a trend expected to have continued in 2024 as well. The Chinese economy has been soft, but policymakers are working to stimulate growth through a broad set of policy measures. Nevertheless, we anticipate continued struggles in China where stronger (fiscal) measures are required to materially improve economic momentum. An expected increase of trade tariffs will be another challenge for especially the Chinese economy, as European companies have already relocated a significant part of their production to the US. We should probably be expecting Chinese policies to support growth in case US measures lead to a significant deterioration in Chinese growth.

In the markets, equities remain well supported, and corporate earnings are expected to remain solid. Valuation differences and market concentration in the US and the global MSCI index have increased. This emphasizes the need for an active approach to select the strongest companies globally at a fair price. We continue to favor investment grade bonds and gold, in addition to our constructive view on equities. Additionally, allocations to strong currencies, such as the Swiss franc, can provide protection to a broad range of potential surprises while still capturing equity gains.

At these crossroads, it is not just the direction we choose that matters but how we navigate each turn. We are ready to take the wheel for you.



## 4 Investment strategy



—  
**Dr. Pascal Köppel**  
Chief Investment Officer,  
Vontobel SFA



—  
**Christoph Windlin**  
Deputy Head  
Investment Management,  
Vontobel SFA



—  
**Markus Bruhin**  
Head Managed Solutions,  
Vontobel SFA

# Between the lines

**Inflation continues to moderate, and most major central banks have embarked on a rate-cutting cycle, generally creating an attractive environment for investors.**

The US economy has been on a soft-landing trajectory. With the Fed signaling it is focusing now more toward the labor market, having been satisfied with progress on inflation, the likelihood of a soft-landing has increased while the risk of a hard landing has reduced. However, the latest solid economic data combined with potentially more fiscal stimulus could also lead to a reacceleration of growth, as we also expect growth in other parts of the world to increase.

The implication of this for investors is the need to be prepared for different scenarios through greater diversification while also maintaining flexibility. In our asset allocation we have a preference for equities and within equities we prefer Switzerland and the US. In other asset classes we continue to prefer high quality investments, such as investment-grade bonds within fixed income and continue to be overweight in gold within commodities. More details can be found on page 5.

	UNDERWEIGHT		NEUTRAL	OVERWEIGHT		
	significantly	slightly		slightly	significantly	
<b>1</b> <b>Liquidity</b>	→					We are keeping a significant underweight in cash, as we see scope for bonds and equities to outperform versus cash.
<b>2</b> <b>Bonds</b>				→		The outlook for high-quality fixed income remains supportive, certainly after the recent increase of bond yields. We remain overweight in investment-grade (IG) credit. We continue to prefer high-quality (investment-grade) bonds and remain underweight in high-yield ones. In our opinion, companies with weaker balance sheets and a greater reliance on external borrowing are more vulnerable, and bond prices and spreads over higher-quality bonds do not sufficiently compensate for this risk.
<b>3</b> <b>Equities</b>				→		We are maintaining a medium overweight position in equities. The fundamental outlook for equities remains constructive overall. Despite global manufacturing momentum showing signs of stalling, the key drivers for corporate earnings growth remain solid. Expected policy measures in 2025 by the new US government will support particularly US growth and will be positive for US equities. We have upgrade US equities to overweight and downgraded Europe to neutral. We continued to be overweight in Switzerland and underweight in the UK.
<b>4</b> <b>Commodities / Gold</b>			→			We continue to hold a positive view on gold. The yellow metal rallied strongly last year and maintained this performance this year. Lower interest rates, heightened geopolitical uncertainties and ongoing strategic purchases of gold, especially by central banks in emerging market, remain positive drivers.

# Has the European economy turned the corner?



—  
**Dr. Pieter Jansen**  
Chief Investment Strategist,  
Vontobel SFA

## **Euro area growth has gradually improved again**

For five quarters, from the fourth quarter of 2022 until the end of 2023, euro area GDP growth stalled in real terms. There was one quarter of negative growth (–0.1 percent quarter on quarter), two quarters with flat growth and two quarters growth with +0.1 percent growth quarter on quarter. The euro area faced numerous challenges, including sharply rising energy prices in 2022 and the reliance of a number of countries on Russia for gas supplies. Additionally, in 2023 there was a global destocking in the manufacturing sector and disappointing growth in China, which had a particularly negative impact on Germany's economy.

Since the start of 2024, GDP growth has improved again, with a 0.3 percent quarter-on-quarter growth in the first quarter, followed by 0.2 percent and 0.4 percent in the second and the third quarters, respectively. This has brought GDP growth back to near-trend levels.

## **Euro area economic momentum**

Even though the European PMI Manufacturing has made an impressive recovery from its 2023 low of 42.7 to 47.3 in the spring of this year, it has fallen back slightly since. Currently, the manufacturing PMI stands at 46.0, still indicating contraction in the manufacturing sector. Similar to other regions, confidence in the service sector has remained stronger and been above 50 points since February, indicating expansion. Considering broader global indicators and assuming no additional shocks, euro area

PMI is expected to improve again over the coming quarters. Our broader global economic impulse indicator, which leads the euro area manufacturing PMI indicator by about three quarters, has continued its upward trend (see chart 1).

Euro area average inflation has slowed to 2 percent, down from its peak of 10.6 percent in 2022. Core inflation has slowed from 5.7 percent to 2.7 percent. This has given the European Central Bank (ECB) the confidence to implement three rate cuts so far. The market is still expecting one more rate cut before the end of the year. There is also positive news from the bank lending survey, which suggests the trend of tightening lending standards by banks has ended. The latest ECB survey indicates that (expected) demand for loans is beginning to recover. As a result, the Euro Area credit impulse is starting to improve, which should have a positive impact on euro area cyclical indicators.

With the US president-elect taking office in January, tension on trade policy is likely to increase. Higher import tariffs especially against China but also Europe will likely be another headwind for the German economy. However, many European companies have already relocated production facilities to or close to the US, which moderates the impact. That said, it will still be a headwind for particularly the German economy, also due to its exposure to China.

### Euro area is more than Germany and France

Analysts and investors often focus on Germany and, to a lesser degree, France when assessing the economic performance of the euro area. This is understandable, as these two countries account for nearly 50 percent of the region's economic output. However, there are the other 18 countries that make up the other 50 percent of the region's GDP. Based on the Bloomberg consensus for expected growth in 2024, Germany ranks among the four slowest-growing countries (see table 1). Seven countries are projected to grow by at least 2 percent this year, with Spain being one of the top performers. The Spanish economy is expected to expand by 2.8 percent this year following 2.7 percent growth in 2023. Spanish growth is driven by various different factors, including immigration, tourism and a surge in foreign direct investments.<sup>1</sup> Other southern European countries, such as Portugal and Greece, have also been performing well. All three countries are starting to benefit from economic reforms implemented during the European sovereign debt crisis over 10 years ago.

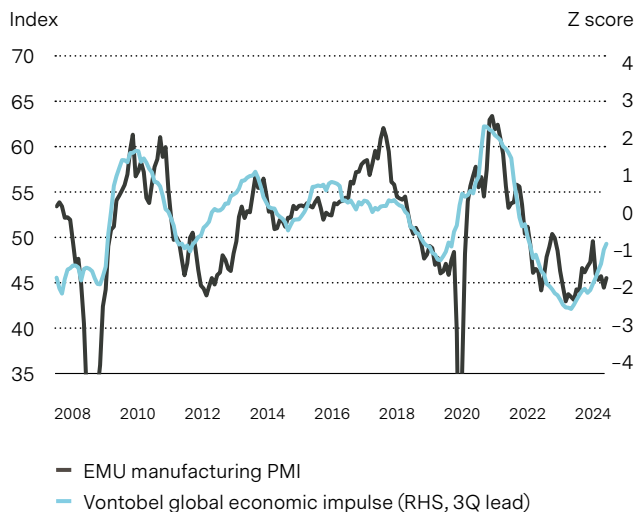
The euro area is an integrated economic region, unified by shared monetary institutions, economic partnerships and a common currency. However, differences between countries still lead to varying levels of economic performance. Although Germany remains reliant on Chinese demand in the short-run, other areas in the European economy continue to offer growth opportunities. In September a study led by Mario Draghi confirmed the need for reform to improve European business competitiveness.<sup>2</sup>

**Table 1: Bloomberg consensus GDP growth forecasts for 2024**

	GROWTH 2024	WEIGHT EURO AREA
Croatia	3.5	0.5
Cyprus	3.2	0.2
Spain	2.8	10.2
<b>US</b>	<b>2.6</b>	
Greece	2.3	1.5
Lithuania	2.3	0.5
Slovak Republic	2.3	0.9
Slovenia	2.0	0.4
Portugal	1.7	1.8
Luxembourg	1.2	0.6
Belgium	1.1	4.1
France	1.1	19.5
Italy	0.8	14.5
Latvia	0.8	0.3
<b>Euro Area</b>	<b>0.7</b>	
Netherlands	0.6	7.2
Ireland	0.2	3.5
Austria	0.0	3.3
<b>Germany</b>	<b>0.0</b>	<b>28.7</b>
Finland	-0.4	1.9
Estonia	-0.6	0.3
Malta	n.a.	0.1

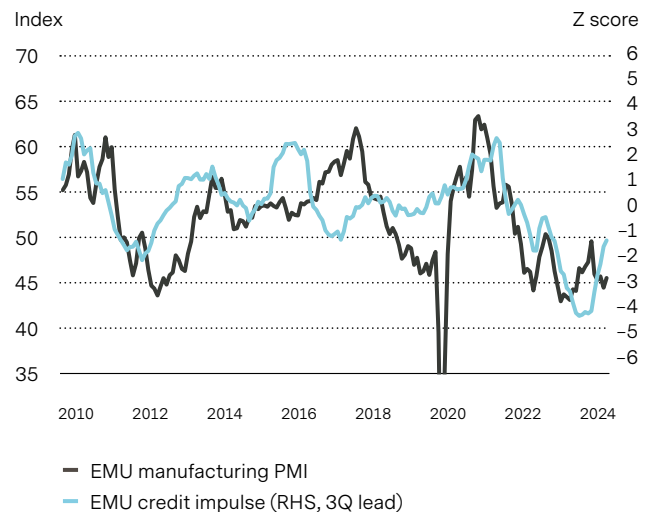
Source: Bloomberg, Vontobel SFA

**Chart 1: Europea manufacturing PMI will likely pick up**



Source: LSEG, Vontobel

**Chart 2: Credit impulse turning more positive**



Source: LSEG, Vontobel

<sup>1</sup> Financial Times Europe edition, October 30, 2024

<sup>2</sup> [commission.europa.eu/topics/strengthening-european-competitiveness/eu-competitiveness-looking-ahead\\_en#paragraph\\_47059](https://commission.europa.eu/topics/strengthening-european-competitiveness/eu-competitiveness-looking-ahead_en#paragraph_47059)

# Opportunities in fixed income



—  
**Philipp Wartmann**  
Senior Investment Adviser,  
Vontobel SFA

**In recent weeks, the fixed income market has experienced rising yields driven by various news events. Just over a month ago, the Fed implemented a 50-basis point reduction in interest rates, typically viewed as favorable for bonds. Right after the election they cut rates again.**

Initially, markets expected further easing, forecasting a total of 100 basis points in additional cuts after the initial 50 bps. However, following strong employment data in September, this expectation has shifted to a projected 50 basis points over the next three meetings, with the possibility of rates being held steady at least once. This change aligns with recent Fed communications signaling a move away from aggressive rate cuts.

The expectation of more growth stimulus measures by the US president-elect will probably also lead to fewer interest rate cuts in 2025 as well. It is even possible the Fed goes on hold or, in case inflation starts to drift higher again, the Fed may even look to tighten policy. Chart 1 shows that bond yields rose in line with the increasing probability of a Trump victory already before the election.

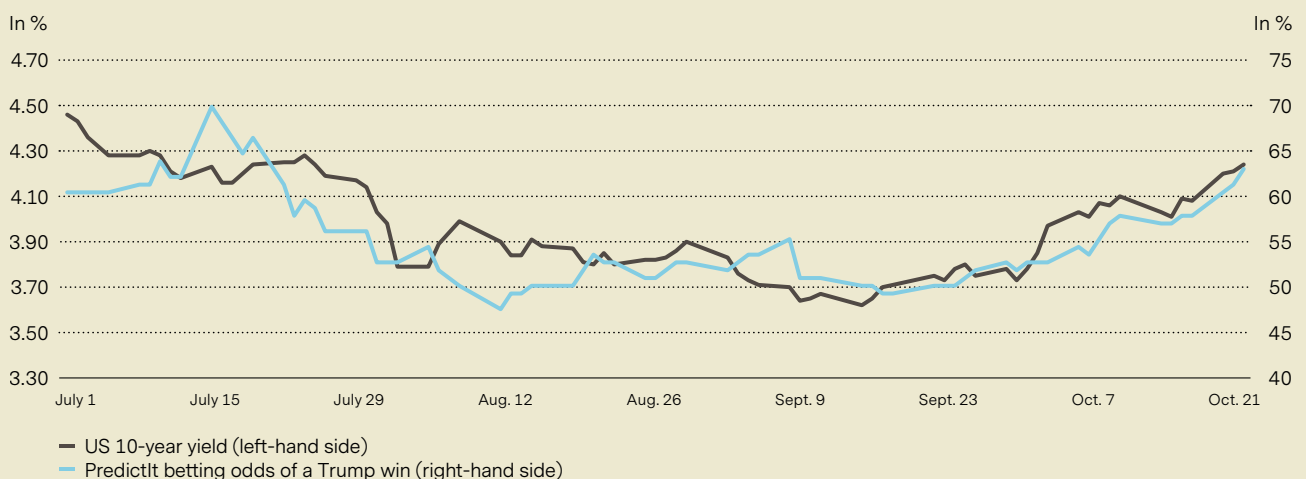
There is still some upward drift in bond yields, but uncertainty surrounding bond yields remains high. For 2025 bond yields may be more range bound, depending on cyclical developments and inflation behavior.

## Investment-grade bonds remain attractive

We continue to favor credit markets and believe that investment-grade (IG) bonds are the optimal choice in an environment of slow growth and softer inflation. The credit fundamentals of most investment-grade companies—including default rates, rating trends, interest coverage and leverage—are relatively solid. While we acknowledge that IG market spreads are at their tightest levels in many years, the attractive rates in the treasury market make this bond segment appealing due to its all-in yields. This should continue to attract inflows into this asset class, in particular as money market rates continue to fall.

Despite high valuations, IG spreads are likely to stay tight unless there is a major shift in the economic outlook, such as fears of a recession instead of a soft landing. Currently, we do not see any triggers for spreads to widen significantly. Given the current macroeconomic environment and what we believe to be the late stage of the credit cycle, we prefer non-cyclical sectors, such as healthcare, and those that benefit from lower interest rates, including estate and capital goods companies.

**Chart 1: As odds of a second Trump term rose, bond yields rose also**



Source: Bloomberg, Vontobel; as of October 23, 2024.



# October performance pause



—  
**Markus Bruhin**  
Head Managed Solutions,  
Vontobel SFA

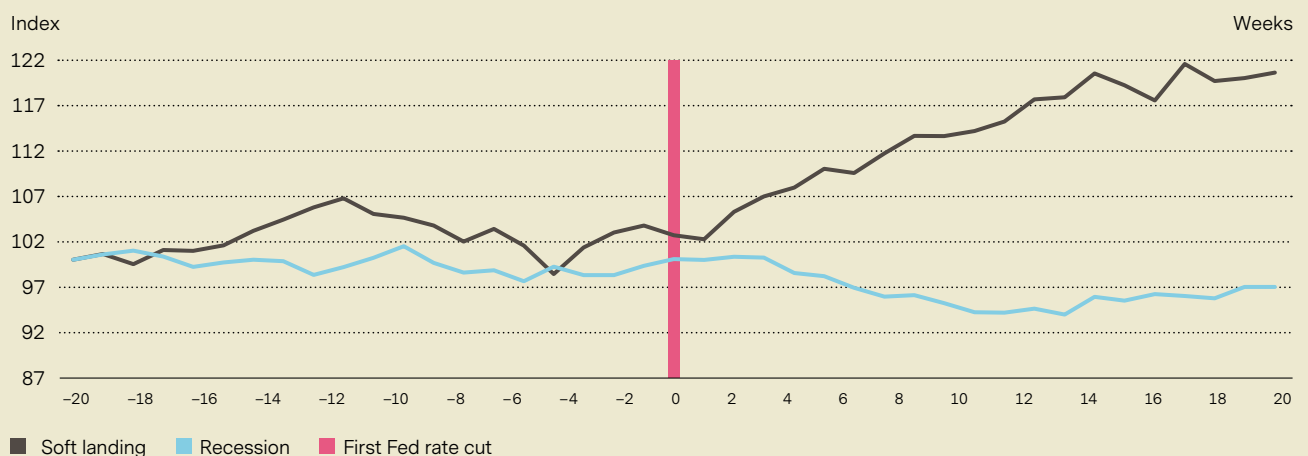
**Global stock markets recorded their first negative monthly performance in October after a winning streak since May 2024. Ongoing geopolitical tensions, especially in the Middle East, subdued investor sentiment about China's economic growth and lowered expectations for the ongoing Q3 earnings season prompted investors to take profits.**

The first rate cut by the Fed in September, typically viewed as a positive indicator for equity markets in a soft-landing scenario (see chart), was followed by softening investor sentiment in October due to escalating tensions in the Middle East. Additionally, analysts have reduced their earnings growth expectations for the Q3 earnings season, limiting short-term share price upside potential. Moreover, major technology companies reported earnings that fell short of market expectations, further dampening overall investor sentiment. The dominance of US technology companies in US equity market indices generated a lot of newsprint throughout the year, and their influence on overall index trends and investor sentiment, was once again evident in the current earnings season.

Given the rally in global stock markets in 2024, there is increasing investor concern about the sustainability of the uptrend, with many pointing to the number of new all-time highs as an indication of an overextended market, although this is a normal occurrence during a positive market trend. However, the US president-elect will likely provide stimulus that boosts the outlook for near term US economic growth supports earnings growth expectation, especially in the US. In other regions the impact is more mixed, given the potential for trade tariff increases.

Differences in valuations between regions remain. The current valuation of the US and the global stock markets is already quite a bit above their historical median (MSCI World: 19.2× earnings vs. 16.4× median; MSCI USA: 22.0× vs. 17.9× median), international markets are trading around or below their median (MSCI Europe at 13.8× vs. 14.1× median; MSCI Switzerland 17.5× vs. 17.6× median). Even though the valuation in US equities seems stretched, we expect earnings growth to be supported and we have increased US equities to an overweight. At the same time, we have reduced Europe to neutral. There are valid reasons for the lower valuation of European markets (i.e. dependency on China, trends in the automotive sector), the outlook for Swiss equities—coupled with an attractive currency—remains compelling given their favorable valuation. Earnings for European companies will likely not be impacted significantly by new US tariffs, either because they already have sizeable production facilities in the US (manufacturing sector) or have significant pricing power (luxury sector), currently market sentiment is working against a European overweight. For now, we find a neutral allocation to European equities appropriate.

**Chart 1: MSCI USA performance in weeks around first Fed rate hike**



Source: Bloomberg, Vontobel SFA

## Good, better, precious metals



—  
**Christoph Windlin**  
Deputy Head  
Investment Management,  
Vontobel SFA

**Gold's impressive run has surpassed even the most bullish forecasts this year, climbing above USD 2,700 per ounce in October, with a year-to-date gain of over 30 percent. Its surge has been outdone only by silver, which has jumped by more than 40 percent.**

Factors driving gold's rally include uncertainty surrounding the US elections, ongoing tensions in the Middle East, and investors' expectations for further US interest-rate cuts, which make non-yielding assets like gold more appealing. Demand has also been picking up slowly but surely for the exchange-traded funds (ETFs), supported by the Fed's long-awaited policy pivot.

But do the aforementioned factors fully explain gold's relentless march higher, especially with technical indicators suggesting it is in overbought territory (see chart 1)? Probably not. Other forces are likely at play that have helped to compensate for rising US real yields and the three-month high of the US dollar, which typically makes gold

more expensive for holders of other currencies. Once again, the answer likely lies in physical demand. Some central banks have continued to buy despite high prices, coupled with strong consumer demand in India, where gold is a traditional gift during the festive season.

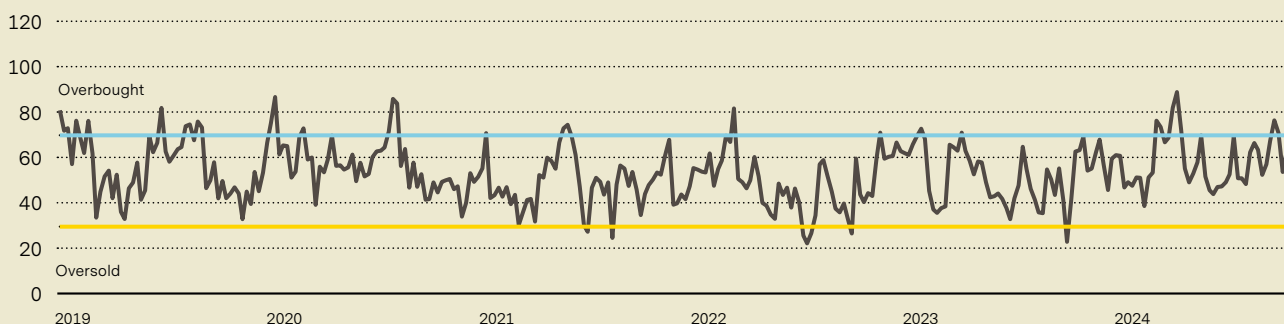
Another (more speculative) explanation is that BRICS nations<sup>2</sup> may be planning a currency alternative to the US dollar, partially backed by gold.<sup>3</sup> This theory gained traction following the BRICS summit in Kazan, Russia, in late October and comments by ECB President Lagarde, who cited gold as a reason not to take currencies for granted.

<sup>2</sup> Acronym for Brazil, Russia, India, China, and South Africa. It is an intergovernmental organization that also includes Iran, Egypt, Ethiopia, and the United Arab Emirates.

<sup>3</sup> Source: The Economist article, published October 20, 2024. [www.economist.com/international/2024/10/20/putins-plan-to-dethrone-the-dollar](https://www.economist.com/international/2024/10/20/putins-plan-to-dethrone-the-dollar)

**Chart 1: Technical indicators: Is the air getting thinner?**

Gold: Relative Strength Index



The Relative Strength Index (RSI) is a momentum indicator that measures the speed and magnitude of recent price changes. Traditionally, an RSI reading of 70 or above indicates an overbought condition. A reading of 30 or less indicates an oversold condition.

# Dollar at a fork in the road



—  
**Dr. Pieter Jansen**  
Chief Investment Strategist,  
Vontobel SFA

**Over the past months, the US dollar has regained ground against a broad set of currencies. The main driver has been stronger economic data, which has reduced expectations for Fed rate cuts. In the short-term, the greenback's movements remain driven by Fed monetary policy adjustments relative to current market pricing.**

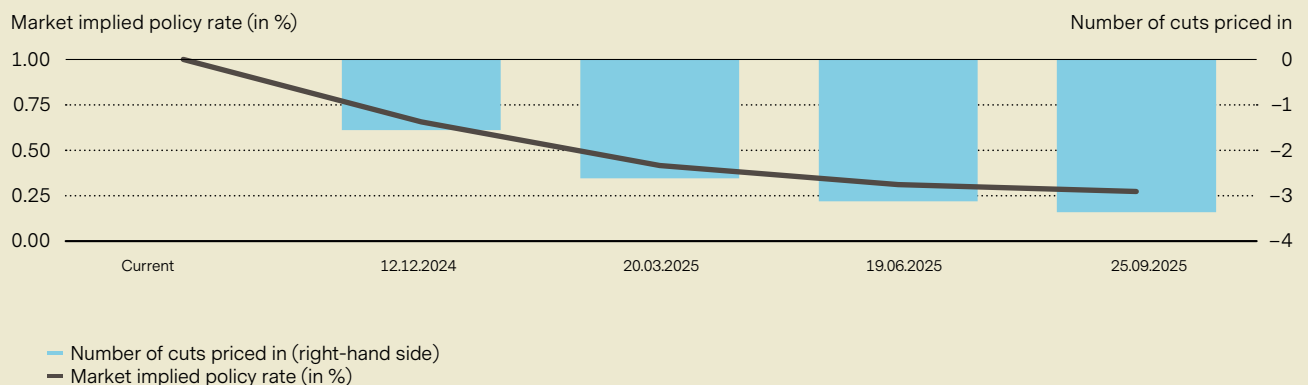
The impact of a second Trump term on the dollar is positive in the short-run but the medium-term outlook remains negative. Growth stimulative policies which could lead to inflation trending a bit higher as well, will make it more difficult for the Fed to return interest rates to neutral soon. This is supportive for the US dollar. However, from a medium- to longer-term perspective the valuation of the US dollar is already stretched and the rising government debt trend is also a negative factor for the dollar. In addition to that, president-elect Trump may not be seeking a stronger dollar. It would (partially) undo the effects of higher tariffs and make it more difficult to restore the trade imbalance.

## SNB's rate-cut dilemma

Swiss inflation has fallen to its lowest level in more than three years, raising the odds of further monetary easing by the Swiss National Bank (SNB). Like the Eurozone, Switzerland is caught in a cycle of rate cuts and disinflation. The sharp drop in September's inflation figures has intensified speculation ahead of the SNB's December meeting: will the central bank opt for a 25 or 50 basis-point rate cut?

With inflation slowing more rapidly than expected and the Swiss franc maintaining its strength, the SNB's options may be limited. Unless there is an unexpected reversal in the franc's appreciation—currently an unlikely scenario—the SNB could feel compelled to act more aggressively. A 50-basis point cut be on the cards if inflation continues to weaken to avoid the economy falling into (sustained) deflation.

**Chart 1: What's next for the SNB?**



# 12 Forecasts

## Economy and financial markets 2022 – 2025

The following list shows the actual values, exchange rates and prices from 2022 to 2023 and consensus forecasts for 2024 and 2025 for gross domestic product (GDP), inflation/inflationary expectations, key central bank interest rates, ten-year government bonds, exchange rates, and commodities.

<b>GDP (IN %)</b>	<b>2022</b>	<b>2023</b>	<b>CURRENT<sup>1</sup></b>	<b>2024 CONSENSUS</b>	<b>2025 CONSENSUS</b>
Global (G20)	2.9	3.0	3.0	2.5	2.6
Eurozone	3.4	0.4	0.6	0.7	1.2
USA	1.9	2.5	3.0	2.6	1.8
Japan	1.0	1.9	-1.0	0.0	1.2
UK	4.5	0.3	0.7	1.0	1.3
Switzerland	2.7	0.7	1.7	1.4	1.4
Australia	3.8	1.9	2.1	1.2	2.1
China	3.0	5.2	4.6	4.8	4.5

<b>INFLATION</b>	<b>2022</b>	<b>2023</b>	<b>CURRENT<sup>2</sup></b>	<b>2024 CONSENSUS</b>	<b>2025 CONSENSUS</b>
Global (G20)	7.5	4.4	4.8	5.0	3.0
Eurozone	8.4	5.5	1.7	2.4	2.0
USA	8.0	4.1	2.4	2.9	2.2
Japan	2.5	3.3	2.5	2.5	2.0
UK	9.1	7.3	1.7	2.6	2.3
Switzerland	2.8	2.2	0.8	1.2	1.0
Australia	6.6	5.7	3.8	3.4	2.8
China	2.0	0.2	0.4	0.5	1.3

<b>KEY INTEREST RATES (IN %)</b>	<b>2022</b>	<b>2023</b>	<b>CURRENT</b>	<b>CONSENSUS IN 3 MONTHS</b>	<b>CONSENSUS IN 12 MONTHS</b>
EUR	2.50	4.50	3.40	2.80	2.30
USD	4.50	5.50	5.00	4.05	3.30
JPY	-0.10	-0.10	0.23	0.51	0.68
GBP	3.50	5.25	5.00	4.40	3.55
CHF	1.00	1.75	1.00	0.60	0.60
AUD	3.10	4.35	4.35	4.15	3.50

<b>GOVERNMENT BOND YIELDS, 10 YEARS (IN %)</b>	<b>2022</b>	<b>2023</b>	<b>CURRENT</b>	<b>CONSENSUS IN 3 MONTHS</b>	<b>CONSENSUS IN 12 MONTHS</b>
EUR (Germany)	2.6	2.0	2.28	2.14	2.16
USD	3.9	3.9	4.20	3.69	3.67
JPY	0.4	0.6	0.96	1.13	1.32
GBP	3.7	3.5	4.23	3.81	3.69
CHF	1.6	0.7	0.47	0.53	0.70
AUD	4.1	4.0	4.41	3.91	3.93

<b>FOREIGN EXCHANGE RATES</b>	<b>2022</b>	<b>2023</b>	<b>CURRENT</b>	<b>CONSENSUS IN 3 MONTHS</b>	<b>CONSENSUS IN 12 MONTHS</b>
CHF per EUR	0.99	0.93	0.94	0.96	0.99
CHF per USD	0.94	0.84	0.87	0.87	0.88
CHF per 100 JPY	0.72	0.60	0.57	0.62	0.65
CHF per GBP	1.12	1.07	1.13	1.15	1.19
USD per EUR	1.06	1.10	1.08	1.11	1.13
JPY per USD	130	141	152	140	135
USD per AUD	0.67	0.68	0.66	0.70	0.72
GBP per EUR	0.88	0.87	0.83	0.84	0.85
CNY per USD	6.91	7.10	7.12	7.04	6.93

<b>COMMODITIES</b>	<b>2022</b>	<b>2023</b>	<b>CURRENT</b>	<b>CONSENSUS IN 3 MONTHS</b>	<b>CONSENSUS IN 12 MONTHS</b>
Brent crude oil, USD per barrel	86	77	74	78	75
Gold, USD per troy ounce	1,824	2,063	2,719	2,595	2,500
Copper, USD per metric ton	8,372	8,559	9,507	9,800	10,125

<sup>1</sup> Latest available quarter

<sup>2</sup> Latest available month, G20 data only quarterly

Source: Vontobel, respective statistical offices and central banks; as of October 25, 2024



## Legal notice

This report has been prepared and published by Vontobel Swiss Financial Advisers AG ("Vontobel SFA"). Vontobel SFA CIO is independent. The views of the Vontobel SFA CIO may vary from the view and opinions of others Vontobel group entities.

This publication is for your information only and is not intended as an offer, or a solicitation of an offer, to buy or sell any investment or other specific product. The analysis contained herein does not constitute a personal recommendation or take into account the particular investment objectives, investment strategies, financial situation and needs of any specific recipient. It is based on numerous assumptions. Different assumptions could result in materially different results. Certain services and products are subject to legal restrictions and cannot be offered worldwide on an unrestricted basis and/or may not be eligible for sale to all investors.

All information and opinions expressed in this document were obtained from sources believed to be reliable and in good faith, but no representation or warranty, express or implied, is made as to its accuracy or completeness. All information and opinions as well as any forecasts, estimates and market prices indicated are current as of the date of this report and are subject to change without notice. Opinions expressed herein may differ or be contrary to those expressed by other business areas or divisions of Vontobel as a result of using different assumptions and/or criteria.

In no circumstances may this document or any of the information [including any forecast, value, index or other calculated amount ("Values")] be used for any of the following purposes (i) valuation or accounting purposes; (ii) to determine the amounts due or payable, the price or the value of any financial instrument or financial contract; or (iii) to measure the performance of any financial instrument including, without limitation, for the purpose of tracking the return or performance of any Value or of defining the asset allocation of portfolio or of computing performance fees. By receiving this document and the information you will be deemed to represent and warrant to Vontobel that you will not use this document or otherwise rely on any of the information for any of the above purposes.

Vontobel SFA and its affiliates and any of its directors or employees may be entitled at any time to hold long or short positions in investment instruments referred to herein, carry out transactions involving relevant investment instruments in the capacity of principal or agent, or provide any other services or have officers, who serve as directors, either to/for the issuer, the investment instrument itself or to/for any company commercially or financially affiliated to such issuers. At any time, investment decisions (including whether to buy, sell or hold securities) made by Vontobel SFA and its employees may differ from or be contrary to the opinions expressed in Vontobel SFA publications. Some investments may not be readily realizable since the market in the securities is illiquid and therefore valuing the investment and identifying the risk to which you are exposed may be difficult to quantify. Vontobel SFA does not maintain information barriers to control the flow of information contained in one or more areas within Vontobel SFA, into other areas, units, divisions or affiliates of Vontobel. The analyst(s) responsible for the preparation of this report may interact with trading desk personnel, sales personnel and other constituencies prior to publication of this report and those constituencies are able to consider and act on this information before it is published.

Past performance of an investment is no guarantee for its future performance. Additional information will be made available upon request. Some investments may be subject to sudden and large falls in value and on realization you may receive back less than you invested or may be required to pay more. Changes in foreign exchange rates may have an adverse effect on the price, value or income of an investment. Tax treatment depends on the individual circumstances and may be subject to change in the future. Vontobel SFA and its employees do not provide legal or tax advice and Vontobel SFA makes no representations as to the tax treatment of assets or the investment returns thereon both in general or with reference to specific client's circumstances and needs. We are of necessity unable to take into account the particular investment objectives, financial situation and needs of our individual clients and we would recommend that you take financial and/or tax advice as to the implications (including tax) of investing in any of the products mentioned herein.

This material may not be reproduced or copies circulated without prior authority of Vontobel SFA. Unless otherwise agreed in writing Vontobel SFA expressly prohibits the distribution and transfer of this material to third parties for any reason. Vontobel SFA accepts no liability whatsoever for any claims or lawsuits from any third parties arising from the use or distribution of this material. This report is for distribution only under such circumstances as may be permitted by applicable law. For information on the ways in which Vontobel SFA manages conflicts and maintains independence of its investment views, please refer to the Vontobel SFA Wrap Fee Program Brochure (ADV Part 2A) available at [vontobelsfa.com](http://vontobelsfa.com). Additional information on the relevant authors of this publication and other publication(s) referenced in this report; and copies of any past reports on this topic; are available upon request from your Wealth Management Consultant.

Vontobel Swiss Financial Advisers AG is a subsidiary of Vontobel Holding AG.

