

ADJUSTING OUR STRATEGIC CIO VIEW FORECASTS

The global spread of the coronavirus forces us to revise our forecasts. We remain cautiously optimistic that the virus can be contained within the first half of the year.

IN A NUTSHELL

- The rapid spread of the new coronavirus and the oil-price war have prompted us to revise the 12-month forecasts formulated in mid-February.
- In particular, we reduced the growth-rate forecasts for the United States and Europe and adjusted the yield and equity-index targets downward.
- We remain cautiously optimistic, provided the epidemic peaks in the first half of the year. In the short term, we continue to expect volatile markets.

The spread of the coronavirus (Covid-19) outside China has accelerated significantly since our regular quarterly strategy meeting on February 20. In addition, Russia and Saudi Arabia have brought about a collapse in oil prices through an open price war. Neither of these was in line with our base scenario, which is why we held an extraordinary strategy meeting to revise both our economic forecasts and our price targets for the individual asset classes.

In essence, we have reduced the gross-domestic-product (GDP) growth forecasts for the United States and the Eurozone, adjusted the yield levels downward and revised corporate earnings estimates. However, as we remain cautiously optimistic that the virus should remain a temporary shock that is unlikely to affect the economy and markets in March 2021, we have cut our equity index targets less sharply than one might expect. We now see the price of oil in twelve months' time at 45 dollars per barrel. Before we comment on these changes in detail, we would like to briefly explain what events have made the changes necessary since February 20.

THE VIRUS GOES GLOBAL

With the rapid spread of the virus outside of China, concerns about a slowdown in growth have shifted from Asia, especially China, to Europe and the United States. For these regions, various institutes are already revising their growth forecasts for the current year downward. A decline in growth could in turn have negative feedback effects on Asia's economies. More and more listed companies are also lowering their sales and profit forecasts for 2020. For some time now, it has no longer been possible to assume that the dip in growth would be limited to Asia and the first quarter. Indeed, we no longer expect a return to business as usual until well into the second quarter.

The containment of the virus and the significant decline in

new infections remain decisive for the further course of the world economy and financial markets. Since the beginning of March, new infections outside China have exceeded those in China. Almost a third of all cases (out of 114,600 on March 10) have now been reported outside China. New infections are still increasing in absolute terms in many countries. The highest increase was in Italy, where almost 10,000 people were infected and almost 500 people died, in recent days prompting the government to put the entire country under de facto quarantine. On the other hand, in South Korea, which was also heavily affected (7,500 cases), new infections are clearly declining. In China, the number of new infections has slowed to a trickle.

With the duration and spread of the virus, and in particular measures taken by governments, companies and individuals, the extent of the economic losses increases. At least as problematic is the increasing probability that revenue pressures could translate into higher rates of corporate defaults. Developments in the credit and high-yield bond markets must therefore be monitored closely. Risk premiums shot up worldwide on Monday, especially in the high-yield segment. Central banks appear keenly aware of this problem. If necessary, they would probably stand ready with further liquidity injections and bridging loans.

There are currently only scattered data points regarding the economic consequences of the epidemic due to the time lag in its spread. China's purchasing managers' indices for February slumped to record lows, and in some segments (car or mobile phone sales, restaurant visits) business activity fell by more than half in February. There are still no aggregated figures for Europe and the United States, which cover the period since the erratic outbreak. Individual airlines in Europe have halved their capacity.

Capital markets have experienced sharp mood swings since our regular strategic meeting (CIO Day). The major Western

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stock markets have fallen by double-digit percentages, most of them ending in a bear market with losses of over 20% from their highs. The implied volatility (CBOE Volatility Index (Vix)) on both the S&P 500 and the Euro Stoxx 50 was at levels not seen since the financial crisis of 2008, in some cases exceeding 60 points. Since our last regular CIO Day, the oil price has fallen by a further third, while gold has continued to rise. The euro rose significantly against the dollar, rising from 1.08 to, at times, 1.15 euros per dollar. However, the most dramatic movements were in bond markets; for the first time in history all U.S. government-bond maturities yielded less than 1.0%. The ten-year yield fell briefly to 0.32%, while the yield for comparable German Bunds fell to -0.91%. Throughout the industrialized world, inflation expectations are moving in a sharp downward direction again.

Many Asian central banks reacted to the virus as early as February with interest-rate cuts and other measures. The US Federal Reserve (Fed) followed suit at the beginning of March with a surprise rate cut of 50 basis points. The market has already priced in even further U.S. rate cuts for March 18. The European Central Bank (ECB) has so far kept a low profile, but we expect it to take extensive measures.

CHANGES TO OUR FORECASTS

Due to these changes in the overall market environment, we have made the following adjustments to our forecasts. However, we emphasize that the coronavirus can still develop a dynamic in both Europe and the United States, which may require further adjustments in the coming weeks. Especially at a time of full employment, American companies might well put the health of their employees first, even if it proves costly in terms of short-term profits. As a result, the drag on U.S. growth and business sentiment might be stronger than some may be expecting. However, our core scenario is essentially based on the assumption that the number of new infections in both the United States and Europe will have passed their peak in the second quarter. Nor have we penciled in a second major wave of contagion in Asia due to the widespread resumption of work in China or new infections from outside the country. We believe a negative domino effect in these regions as a result of the precautionary measures is unlikely to reach a major scale. In March 2021, our forecast horizon, the virus should play only a minor role from an economic perspective.

Economic growth: We have significantly lowered our growth forecasts for the next twelve months. We now expect 1.0 instead of 1.6% for the United States in 2020 and 0.0 instead of 0.6% for the Eurozone. Japan and China remain unchanged. We are leaving the 2021 GDP growth rates unchanged for the time being.

Central banks: We expect two further interest-rate cuts by the Fed in the next two months. In the event of a significant deterioration in the situation, a resumption of bond purchases

would also be conceivable. The ECB is likely to cut the deposit rate by 10 basis points to -0.6% in the near future. In addition, we expect special measures to bridge liquidity bottlenecks among small and medium-sized businesses, as well as a temporary increase in the bond purchase programme with a focus on corporate bonds.

Bonds and foreign exchange: It is not easy to divide the recent yield slide into a temporary and a structural component. Even with the expected manageable development of the virus, we assume that the recent drop in government-bond yields contains a sustainable element. Not at least because the central banks will find it difficult to reverse their current interest-rate cuts. We now see 10-year U.S. government bonds yielding 0.9%, and stick to forecast for German sovereign-bond yields at -0.5%. Even though we have adjusted the risk premiums for U.S., Eurozone and emerging-market bonds upwards, we expect them to narrow from their current levels. As tense as the situation here will remain for the time being due to the price war between Russia and Saudi Arabia, we expect the oil price to recover to 40 dollars per barrel (previous forecast was 54) of West Texas Intermediate (WTI) within twelve months. With regard to currencies, the largely parallel reduction in bond yields and growth prospects suggests little movement. On the other hand, the perception of which currency is a safe haven or a financing currency could still change in the coming months. We leave the euro-dollar exchange rate at 1.15 and the dollar-yen forecast at 105.

Equities: Given a lackluster earnings outlook, investors should not get up their hopes too much for the rest of 2020. In the first half of the year, profits are likely to decline sharply. We do not believe that the recovery in the second half of the year will be sufficient to compensate for this decline, so we now expect profit declines of 5-10% for the coming twelve months for the individual regions. We have also reduced our 2021 earnings guidance. We now expect the S&P 500 to reach 3,200 points by the end of March 2021 (previously: 3,500), the Euro Stoxx 50 to reach 3,500 (out of 3,880) and the Dax to reach 13,000 (14,300). Since we do not expect any earnings growth, the double-digit return potential (in percent) results from an expansion of the valuation multiples. We expect this, as in our base scenario the virus will play virtually no further role for investors in March 2021.

Conclusion: The virus, and the prevention measures to contain it, will remain a key source of uncertainty in the coming weeks. For now, Covid 19 will continue to have a considerable influence on global growth and market sentiment, especially in the case of Europe and the United States. In our base scenario, we assume that the overall trend of infection rates will be similar to that in Hubei or South Korea. The fact that the learning curve regarding the virus is progressing and that work is being done on medical solutions also provides some hope. The virus thus should

remain a temporary supply and demand shock from an economic perspective. In twelve months, a corresponding number of economic indicators should then approach their pre-crisis levels. More sustainable, we think, should be the even lower yield levels and fiscal-stimulus programs. Unfortunately, we would once again expect fiscal packages to be geared primarily towards promoting consumption, rather than, say, productivity-boosting investments. A wasted opportunity, in our view.

Even if we maintain our overall strategic and constructive assessment, especially for equities, we expect markets to remain volatile in the short term, which could also bring new lows. In addition to a more unfavorable course of the epidemic, another major risk is that the virus will be taken by investors as an opportunity to reassess the structural imbalances that have built up since the financial crisis, partly as a result of the extremely loose monetary policy.

Macro forecasts

GDP growth (in %, year-on-year)	2020F	2021F
U.S.	1.0	1.7
Eurozone	0.0	1.2
Germany	0.0	1.3
Japan	-0.8	1.1
China	5.0	6.3
Global	2.5	3.4
Benchmark rates (in %)	Current level	March 2021F
United States (federal funds rate)	1.00-1.25	0.50-0.75
Eurozone (refi rate)	-0.50	-0.60
United Kingdom (repo rate)	0.75	0.25
Japan (overnight call rate)	0.00	0.00

Asset-class forecasts	Current level	Forecast Mar-21
Capital market yields (sovereign bonds)		
United States (2-year)	0.50%	0.50%
United States (10-year)	0.66%	0.90%
United States (30-year)	1.12%	1.30%
Germany (2-year)	-0.96%	-0.80%
Germany (10-year)	-0.79%	-0.50%
Germany (30-year)	-0.47%	-0.10%
Italy (10-year)	211.9 bp	140 bp
Spain (10-year)	113.4 bp	70 bp
United Kingdom (10-year)	0.24%	0.60%
Japan (2-year)	-0.24%	-0.20%
Japan (10-year)	-0.05%	-0.10%

Asset-class forecasts	Current level	Forecast Mar-21
Spreads (corporate & EM bonds) in bps		
EUR IG Corp	168	120
EUR HY	560	500
US IG Corp	162	135
US HY	642	600
Asia Credit	311	265
EM Credit	407	370
EM Sovereign	461	370
Currencies		
EUR vs USD	1.13	1.15
USD vs JPY	104	105
EUR vs JPY	118	121
EUR vs GBP	0.88	0.89
GBP vs USD	1.29	1.29
USD vs CNY	7.0	7.0
Commodities in U.S. dollars		
Gold	1,654	1,730
Crude Oil (WTI)	31	40
Equity markets (index value in points)		
United States (S&P 500)	2,788	3,200
Germany (DAX)	10,475	13,000
Eurozone (Eurostoxx 50)	2,910	3,500
Europe (Stoxx600)	336	400
Japan (MSCI Japan)	917	1,000
Switzerland (SMI)	9,196	10,150
United Kingdom (FTSE 100)	5,960	6,800
Emerging Markets (MSCI EM)	948	1,100
Asia ex Japan (MSCI AC Asia ex Japan)	616	700
Australia (MSCI Australia)	1,150	1,210

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APPENDIX: PERFORMANCE OVER THE PAST 5 YEARS (12-MONTH PERIODS)

	02/15 - 02/16	02/16 - 02/17	02/17 - 02/18	02/18 - 02/19	02/19 - 02/20
U.S. Treasuries (30-year)	4.1%	-4.9%	0.3%	4.0%	31.6%
U.S. Treasuries (10-year)	4.7%	-2.9%	-1.3%	4.5%	15.1%
UK Gilts (10-year)	6.0%	3.9%	-1.9%	3.7%	7.9%
U.S. Treasuries (2-year)	1.0%	0.3%	-0.1%	2.3%	4.7%
German Bunds (10-year)	3.4%	0.6%	-3.0%	5.0%	5.7%
German Bunds (2-year)	0.3%	0.0%	-1.2%	-0.5%	-0.3%
German Bunds (30-year)	4.2%	-0.6%	-4.0%	9.4%	16.8%
Japanese government bonds (2-year)	0.5%	-0.2%	-0.3%	-0.1%	-0.1%
Japanese government bonds (10-year)	4.0%	-1.0%	0.3%	1.2%	1.2%
EM Sovereigns	1.5%	12.1%	3.3%	2.4%	9.9%
EM Credit	0.3%	13.0%	4.1%	3.4%	11.2%
U.S. high yield	-8.3%	21.8%	4.2%	4.3%	6.1%
U.S. investment grade	-1.2%	5.7%	2.1%	2.7%	15.3%
Euro high yield	-4.5%	14.1%	3.9%	0.9%	4.0%
Asia credit	2.8%	6.6%	2.0%	3.5%	10.8%
Euro investment grade	-1.2%	4.3%	1.5%	0.8%	5.2%
Spain (10-year)	0.5%	2.5%	3.6%	4.3%	8.0%
Italy (10-year)	2.2%	-2.5%	4.0%	-1.9%	14.5%
MSCI AC Asia ex Japan Index	-20.4%	26.5%	31.9%	-8.2%	0.1%
MSCI Emerging Market Index	-23.4%	29.5%	30.5%	-9.9%	-1.9%
MSCI Emerging Markets (EM) Latin America	-30.2%	47.5%	21.1%	-5.2%	-11.9%
S&P 500	-6.2%	25.0%	17.1%	4.7%	8.2%
MSCI Japan Index	-9.9%	20.3%	21.8%	-10.3%	1.1%
Swiss Market Index	-9.7%	12.1%	7.7%	9.1%	8.2%
Dax	-16.7%	24.6%	5.1%	-7.4%	3.3%
FTSE 100	-8.8%	24.2%	3.4%	2.1%	-2.7%
Stoxx Europe 600	-12.0%	14.8%	5.9%	1.7%	4.5%
Euro Stoxx 50	-16.1%	16.1%	6.2%	-1.4%	3.7%

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GLOSSARY

One **basis point** equals 1/100 of a percentage point.

Technically, a **bear market** refers to a situation where the index's value falls at least 20% from a recent high.

The **CBOE Volatility Index (Vix)** is a trademarked ticker symbol for the Chicago Board Options Exchange Market Volatility Index. It is a popular measure of the volatility of the S&P 500 as implied in the short term option prices on the index.

A **central bank** manages a state's currency, money supply and interest rates.

The **Dax** is a blue-chip stock-market index consisting of the 30 major German companies trading on the Frankfurt Stock Exchange.

Default is the failure to meet the legal obligations of a loan, for example when a corporation or government fails to pay a bond which has reached maturity. A national or sovereign default is the failure or refusal of a government to repay its national debt.

The **deposit rate** is the rate banks receive when they make overnight deposits with the ECB.

Emerging markets (EM) are economies not yet fully developed in terms of, amongst others, market efficiency and liquidity.

The **euro (EUR)** is the common currency of states participating in the Economic and Monetary Union and is the second most held reserve currency in the world after the dollar.

The **Euro Stoxx 50** is an index that tracks the performance of blue-chip stocks in the Eurozone.

The **European Central Bank (ECB)** is the central bank for the Eurozone.

The **Eurozone** is formed of 19 European Union member states that have adopted the euro as their common currency and sole legal tender.

The **financial crisis** refers to the period of market turmoil that started in 2007 and worsened sharply in 2008 with the collapse of Lehman Brothers.

Fiscal policy describes government spending policies that influence macroeconomic conditions. Through fiscal policy, the government attempts to improve unemployment rates, control inflation, stabilize business cycles and influence interest rates in an effort to control the economy.

The **gross domestic product (GDP)** is the monetary value of all the finished goods and services produced within a country's borders in a specific time period.

High-yield bonds are issued by below-investment-grade-rated issuers and usually offer a relatively high yield.

Inflation is the rate at which the general level of prices for goods and services is rising and, subsequently, purchasing power is falling.

The **ISM Purchasing Manager Index**, published by the Institute for Supply Management, measures economic activity by assessing the sentiment among purchasing managers. It is an important indicator of the economic health.

Monetary policy focuses on controlling the supply of money with the ulterior motive of price stability, reducing unemployment, boosting growth, etc. (depending on the central bank's mandate).

The **Organization for Economic Co-operation and Development (OECD)** started in 1948 as the Organization for European Economic Co-operation (OEEC) and changed its name in 1960, now representing 34 countries with democratic governments and market economies.

The **Purchasing Managers Index (PMI)** is an indicator of the economic health of the manufacturing sector in a specific country or region.

The **risk premium** is the expected return on an investment minus the return that would be earned on a risk-free investment.

The **S&P 500** is an index that includes 500 leading U.S. companies capturing approximately 80% coverage of available U.S. market capitalization.

A **safe-haven investment** is an investment that is expected to retain or even increase its value in times of market turbulence.

The **U.S. Federal Reserve**, often referred to as "**the Fed**", is the central bank of the United States.

Valuation attempts to quantify the attractiveness of an asset, for example through looking at a firm's stock price in relation to its earnings.

Volatility is the degree of variation of a trading-price series over time. It can be used as a measure of an asset's risk.

West Texas Intermediate (WTI) is a grade of crude oil used as a benchmark in oil pricing.

Yield is the income return on an investment referring to the interest or dividends received from a security and is usually expressed annually as a percentage based on the investment's cost, its current market value or its face value.

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