Paris Market Monitor - 30 November 2021

Data sources: Bloomberg; Barclays; EuroStat; Oxford-Man Institute; Milliman FRM



## **Asset Price Monitor**

# **Local Equity Markets**

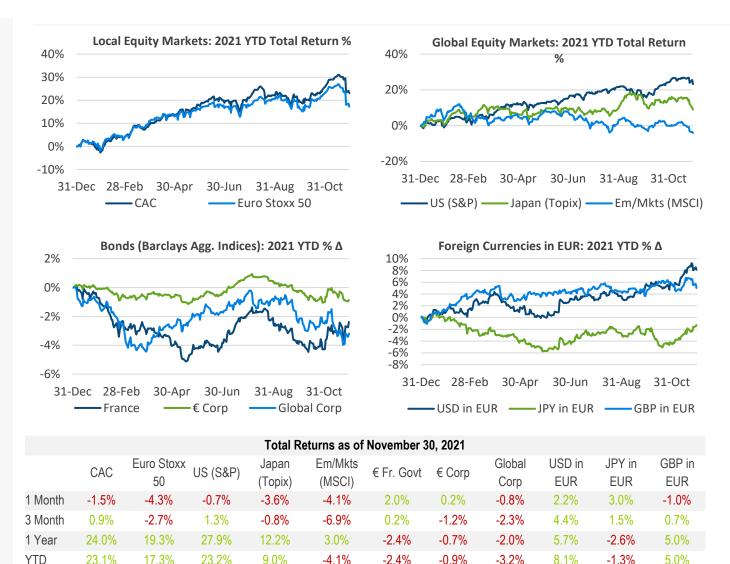
- Equity markets had a positive start to the month, however, on the back of rising COVID infections in Europe and the discovery of the new Omicron variant, they suffered losses and ended the month down.
- The CAC was down 1.5% at month-end.
- The Euro Stoxx 50 lost 4.3% in November.

# **Global Equity Markets**

- Emerging markets suffered heavier losses than most of their developed markets counterparts, with the MSCI Emerging Markets index down 4.1%.
- The S&P 500 lost 0.7% and the Japanese Topix index was down 3.6% at month-end.

### **Bond/FX Markets**

- The French government bond index gained 2.0%.
- The European corporate bond index was up 0.2% at month-end, while its global counterpart lost 0.8%.
- The Euro had a mix performance against the major currencies, losing 3.0% and 2.2% against the Japanese Yen and the US Dollar, respectively. Meanwhile, the Euro gained 1.0% against the British Pound.





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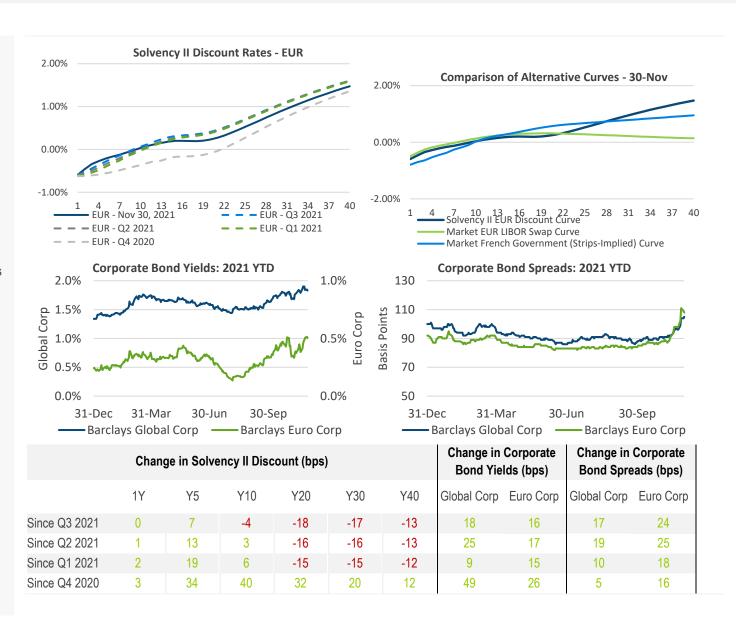
## **Liability Valuation Monitor**

## **Risk Free Rates**

- EUR risk-free rates fell at all terms in November.
- The 5 and 10-year risk-free rates both decreased by 16 basis points.
- The 20-year rate declined by 9 basis points.

## **Corporate Bonds**

- Global corporate bond yields increased by 4 basis points, while their European counterpart fell by 1 basis point.
- Both the European and Global corporate bond spreads widened, the former by 21 basis points and the latter by 14 basis points.
- The fall in risk-free rates was offset by the widening in the European corporate bond spreads, resulted in a marginal gain in the European corporate bond index.





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# Solvency II Monitor - Spreads

## **Fundamental Spreads**

 There were no material changes since the last report.



The **Solvency II risk-free discount rates** are based on applying the Smith-Wilson Extrapolation to LIBOR swap rates sourced from Refinitiv and applying the Credit Risk Adjustment as defined in the Technical Specs. The data is provided by EIOPA and as of 30/11/21.

The **Credit Risk Adjustment** is a component of the risk-free discount curve defined by EIOPA. It is calculated from actual experience in the 'LIBOR-OIS' spread (3 months for EUR, 6 months for GBP), and is bounded between 0.10 and 0.35. We show actual LIBOR-OIS spread levels and the defined CRA, for both GBP and EUR.

**EIOPA fundamental spreads** show the credit spread corresponding to the risk of default or downgrading of an asset. This is shown here across financial and non-financial assets, credit quality steps 0-3 and durations of 1-30 years. The data is provided by EIOPA and as of 30/11/21. **Fundamental spread** = maximum (probability of default + cost of downgrade; 35% of long-term average spread). In the tables we show the 'before floor' measure = probability of default + cost of downgrade.



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## **Inflation Monitor**

- France's price inflation increased by 50 basis points to 2.6% in October.
- The Eurozone price inflation rose by 70 basis points to 4.1%.
- There were no updates to the wage inflation figures this month.
- The projected CPI curves was relatively unchanged in comparison to the previous month.





Average,

2.6%

Current,

0.1%

(1999)

0.1%

Average,

1.9%

Current.

2.6%

Average,

1.3%

France Prices France Wages

(ex Tob)



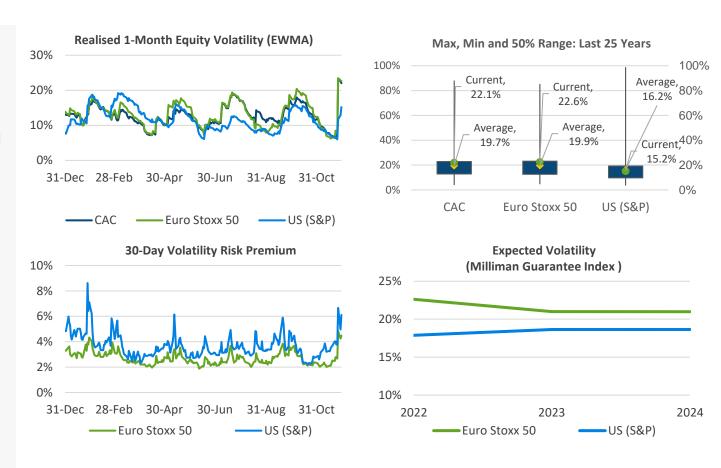
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# **Volatility and Hedging Cost Monitor**

- Realised volatility on major indices spiked towards the end of the month, on the back of concerns over the Omicron variant.
- The CAC had a realised volatility of 22.1% at month-end. The measure stood at 22.6% and 15.2% for the Euro Stoxx 50 and the S&P 500, respectively.
- Volatility risk premiums increased as implied volatilities rose sharply. The volatility risk premium on the Euro Stoxx 50 and the S&P 500 was 4.5% and 6.1%, respectively.

Please contact Milliman for more information on the basis and methodology used for these results.





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