

## Risk Factors

PHILIPPE ITHURBIDE, *Global Head of Research, Strategy and Analysis*

The table below presents risk factors with probabilities assigned. It also develops the most credible market impacts.

### [RISK # 1] **Disappointment with the US policy-mix** [PROBABILITY] **75%**

**ANALYSIS** Donald Trump's election represented a great change in the philosophy of America, less determined now by a logic of "world policeman" and more self-centred. Beyond this major shift, the question was also whether economic policy would be strongly altered, notably through fiscal and tax policy. How would monetary policy accompany these changes? These are all crucial questions. We know that tax cuts and a revival of infrastructure spending are planned, but these measures will have to be self-financed, because the American Congress (even if it is a Republican one) would not want to unconditionally back the new president on these issues. Donald Trump announced some major measures a few days ago, including corporate tax cuts. If approved, the effects of this tax cut are likely to be felt in many areas, including the repatriation of profits and investment plans on American soil. These developments should be monitored closely.

**MARKET IMPACT** If approved by Congress, the measures announced are likely to give the equity markets a boost and cause short- and long-term rates to rise. As such, the Fed would be able to continue its cycle of monetary tightening. However, if they are not approved, bet on major disappointment on the financial markets, which, in our view, expected too much from the US president. Negotiations with Congress will need to be closely followed.

### [RISK # 2] **Italy: a referendum on "Italexit", the next step?** [PROBABILITY] **15%**

**ANALYSIS** The appointment of a technocratic government (headed by Paolo Gentiloni) and the extension of the ECB's asset purchasing programme reassured the Italian financial markets, but it is now a matter of reviewing the electoral law as the general elections take shape. Initially planned for February 2018, the financial markets fear, on the one hand, the holding of early elections (during the second half of 2017?), which would lead to the taking of power by the "populist" Five Star Movement, and on the other hand, the holding of a referendum on membership in the European Union ("Italexit"). The rise of populism (which is synonymous with the rejection of the establishment, the rejection of traditional parties, the rise of protectionism, the rejection of globalisation, anger against rising inequalities, the refusal of centralisation, hostility to reforms of social systems, etc.) is a reality in Italy, as in many other countries. There is a risk of major change after 5 years of relative political stability. Such a scenario would undoubtedly be the worst case scenario, which could initially lead to political instability or crisis and undoubtedly result in a suspension of reforms. Let us recall, however, that the Five Star Movement is more anti-establishment than anti-Europe. Nonetheless, the Italian people are among the least enthusiastic in Europe with regard to the euro. That is to say, a referendum on Europe, if it were to take place, would carry much uncertainty.

**MARKET IMPACT** The prospect of early elections would trigger a phase of political instability. This is bad news for this country, which is lagging behind in terms of economic growth (especially in comparison with Spain, its "comparable" market). Its debt is nevertheless protected by the ECB's QE programme, which helps prevent flight by investors (who are seeking yield and spreads). In the event of a referendum on "Italexit" (still anti-constitutional at present), the Italian bond market would represent a specific risk, and interest rate spreads would further deteriorate due to a "repricing" of Italian risk. Political instability would also strongly weaken its equity and interest rate markets.

### [RISK #3] **Misinterpretation of the Fed's intentions... or misjudgement by the Fed** [PROBABILITY] **30%**

**ANALYSIS** Given the conflicts between the Trump administration and Janet Yellen, it is highly doubtful that the Fed Chair will be confirmed for a second term (her first term ends in 2018). Trump has criticised the "complacency" of monetary policy, and the Republicans have also expressed hostility toward Yellen, particularly with regard to her positions on regulations, the reduction of which has been a priority for President Trump. A misinterpretation of the intentions and decisions of the Fed has long been a major risk factor. With GDP growth of around 2%, inflation close to 2% and unemployment at its current level, the Fed funds rate should be, in a normal cycle, much higher than it is today. The Fed is technically "behind the curve". This is all the more true given that, in half of cases (six out of the last 12 times) since 1945, monetary tightening cycles were followed by a US economic recession within two years. This is undoubtedly what the market fears in the event the Fed moves too quickly and, especially, too strongly. For the moment, the Fed remains cautious. It has not changed its outlooks with regard to growth, inflation or interest rate policy since Donald Trump came to power. In simple terms, it has done nothing to reaffirm hopes of a "Trump effect" on the situation in the United States. Despite everything, the Fed is expected to raise its rates twice by the end of 2017. However, caution is warranted: the Fed must avoid any communication errors. Markets could react poorly if rates are increased prematurely, excessively or without a sound rationale, or in case of a major surprise. The stronger the fiscal and tax stimulus, the more the Fed will be able to raise its key rates without causing too much damage on the financial markets.

May 2017

## Risk Factors

**MARKET IMPACT** If the Fed fumbles, we can expect a sharp downturn in equities and contagion into the emerging markets, which have already been weakened. Such a situation would widen spreads and interest rates between Europe and the US and further weaken the euro: two factors that favour European risky assets.

### [RISK # 4] A “hard landing” for China / the credit bubble bursts

[PROBABILITY] **20%**

**ANALYSIS** China’s business model has changed in the past decade. Growth is not as export-led as it used to be, and domestic demand has become the key driver for growth. Such an evolution has some drawbacks: there are signs of excessive lending, debt is ballooning, industrial competitiveness has eroded and productivity gains are falling. In simple terms, potential growth is down. The question is not whether future and potential growth will be lower. That is already a given. Rather, it is whether growth risks falling sharply (and far) below its potential (between 3% and 5% at present vs. 10% 15 years ago). Clearly, the introduction of 45% tariffs (as Donald Trump promised during the campaign) would be conducive to the initiation of this negative spiral, but we do not believe at all in the adoption of such a measure. A close watch should be kept on China’s private debt situation, as a number of debt metrics have turned particularly worrying in the last few years, such as the debt-to-GDP ratio and its long-term trend. This is one of the preferred indicators of the BIS, which considers it the best predictor of a financial crisis. The evolution of this indicator since less than 10 years ago is not very reassuring.

**MARKET IMPACT** Such a scenario (hard landing, bursting of the credit bubble) would have a very negative impact, and its cascading effects would be especially disastrous: vulnerability in the banking systems, vulnerability in the financial system, vulnerability from China’s public and private debt, impact on commodities and emerging countries, impact on the currencies of commodity-exporting countries, advanced countries, and emerging countries... The Fed would cut its “tightening cycle” short, and the ECB would pursue its QE.

### [RISK # 5] Collapse of global growth

[PROBABILITY] **15%**

**ANALYSIS** A hard landing by the Chinese economy would mean a plunge in global growth, but other circumstances are possible. The continued decline in commodity prices and global trade, an excessively restrictive US monetary policy, and the structural weakness of European economic activity are all stirring fears of a decline in global growth. Until now, the slowdown in the emerging world has been a tangible reality, while the “advanced” world has been moving forward for four years now. Another slowdown in the “advanced world” could come from the secondary effect of the EMG countries (drop in exports), another dip in investment, jobs... in short, from domestic demand (mainly private consumption), at present the key driver for growth.

**MARKET IMPACT** Putting aside the use of expansionist economic policies (especially the fiscal policy), we could be headed for a new currency war, among the emerging countries on the one hand, and between the advanced and the emerging world on the other. Expect a dramatic underperformance by risky assets, equities, and credit.

### [RISK # 6] A recession in the United States

[PROBABILITY] **20%**

**ANALYSIS** We expect growth of 2% in 2017 (vs. 1.6% in 2016), followed by a slight acceleration in 2018 (2.2%). At this juncture, a recession in the United States is not a possibility, but the Fed’s lack of room to manoeuvre is worrying. The current situation is totally different from 2004-2006. Over those two years, the Fed managed to hike interest rates 17 times—a total of 425 basis points—giving itself leeway, which it was quick to use once the financial crisis hit. Today that context is very remote. The Fed is behind in its economic cycle and financial stability, and to a lesser degree the US dollar, cannot afford such interest rate hikes. What is also worrying is the uncertainty about the future economic policy. Pushed to the extreme, protectionism (and impact on Mexico and China in particular), a strict anti-migrant plan (with a reduction in the labour force and the population, as well as an increase in the cost of labour) and the renegotiation of commercial treaties, could well lead to anticipations of a recession. But it is unlikely that this program will be adopted as it stands.

**MARKET IMPACT** A recession in the United States would be catastrophic for the global economy, and Europe, despite being in better health, would not be spared the impact. Short rates would remain low for a very long time and the Fed, with no leeway in terms of conventional monetary policy, would have no choice but to go ahead with QE4. We can expect a very negative impact on risky assets, and particularly the US market, in a bubble scenario. The initial impact will be negative, and the lack of credibility of central banks would certainly add volatility and stress. Expect further, and substantial, budget imbalances.

### [RISK # 7] Sharp devaluation of the yuan

[PROBABILITY] **10%**

**ANALYSIS** Until now, China has used monetary policy, budgetary policy, fiscal policy, and revenue policy as stimulus tools, careful not to use the exchange rate policy. Moreover, it promised the G20 it would not, and the yuan is now part of the SDR (and has been since 1 October). In 2016, China amended its foreign exchange system, and it is managing a gradual depreciation of the yuan. The implementation of a protectionist policy in the United States would be fatal, the Chinese authorities would be incapable



May 2017

## Risk Factors

and unwilling to pursue this FX policy, especially since the yuan is not notably undervalued. China does not manipulate its currency, contrary to what Trump says or believes, but the situation forced the Chinese authorities to step up capital controls in January, a decision that goes against their long-term plan. Beyond the very negative immediate consequences on the financial markets, an abrupt devaluation (of at least 10% in one day) would, without a doubt, be interpreted as an admission of weakness in terms of the economic policy as a whole. A very low risk, but with potentially very great harm, because China's top challenge now is opening its capital account: attracting international investors means accepting a less-independent monetary policy, a more volatile exchange rate, different rules between the onshore market and the offshore market, more volatile capital flows, less easily administrated markets that are more dependent on international investors, greater transparency on the state of businesses, and, specifically, State-owned businesses... in short, a fairly radical change in governance. A strong devaluation of the yuan would be a very bad decision.

**MARKET IMPACT** In this type of scenario, expect a widespread downward movement in the markets. A surprise devaluation would be the start of a more intense currency war, especially in Asia. Monetary policies would become extremely accommodating to keep currencies from appreciating. A blow to the euro, and to the European economy, because EMG currencies make up more than 70% of its effective rate.

### [RISK # 8] **A significant slowdown in the emerging economies and/or commodity prices** [PROBABILITY] **20%**

**ANALYSIS** Falling commodity prices, the dip in Chinese growth, and the coming shift in US monetary policy (and trade policy) are all factors that, over recent years, have raised fears of a repeat of the 1997-1998 crisis (when emerging markets collapsed across-the-board). We should remember that emerging markets have been under stress since the US ended its QE programmes. Asia had been able to withstand that stress, driven by the strength of the Chinese economy and its ability to curb difficulties, and because it is essentially a commodity-consuming zone. Corporate defaults and leading activity indicators have occasionally put the markets on high alert, but the resources brought to bear by Chinese officials (cuts in interest rates and in mandatory banking reserves, injection of liquidities, fiscal and tax measures, maintaining currency policy, etc.) ultimately put everything right. The risk is that domestic demand will unravel and economic policies will become completely ineffective. This risk has nevertheless declined during recent months: the rise in oil prices (increased cohesion at OPEC), the repricing of growth in the United States, Japan and Europe, the "wisdom" of the Fed and the influx of capital (except for China) are factors that have given these markets fresh colour. Fears of a return to protectionism by the United States have led to renewed concerns about the economic performance of many emerging countries.

**MARKET IMPACT** Even though the drop in oil prices is a plus for commodity-consuming advanced countries, it is hard to believe that these countries would be totally isolated. With the decline in commodity prices and the downturn in economic activity, we should count on the continued decline in EMG currencies as well as capital flows out of the EMG. Choose asset classes from the advanced countries, and safe havens.

### [RISK # 9] **The post-Brexit issue weakens the United Kingdom in a lasting way** [PROBABILITY] **70%**

**ANALYSIS** "Brexit means Brexit, and we're going to make a success of it". Such was Theresa May's position on the day she was appointed Prime Minister. "There is no free lunch. Britons must know that," stated Wolfgang Schäuble. "We don't want to weaken Britain. But we also don't want that the rest of Europe is weakened. Britain should not have advantages after the exit that other countries don't have". Angela Merkel reiterated that Britons should not "have any illusions" about the Brexit process. The tone has been set. According to estimates, the UK could "lose" between 2.5% and 9.5% of its GDP under this scenario. Trade volume and costs would be affected, specifically in financial services, chemicals, and automobiles, all sectors that are highly integrated in the EU. The risk for the UK resides in its future capacity to trade freely on the single market (the services market, to be more precise), to acquire the desired independence without the EU's constraints. It seems unlikely, and in any case that is what is at stake in the negotiations. Several sticking points exist, including access to the single market, and the estimated €60 billion divorce bill that the UK will have to pay the EU.

**MARKET IMPACT** In such a case, we would expect additional weakening of the pound sterling and long-term GDP of the British economy, two factors that could prolong the monetary status quo. Without a doubt, we would also see increased fragility in eurozone financial assets.

### [RISK # 10] **A new European crisis tied to Brexit** [PROBABILITY] **20%**

**ANALYSIS** Brexit is unlikely to impact the EU too much, from a purely economic standpoint. Hardest hit would be those with close ties to the UK, especially Ireland, but also Luxembourg, Belgium, Sweden, Malta, and Cyprus, if we look at the nature of exports, direct investment flows, and the financial sector. The risk is primarily a political one: that other European countries might extol a Europe "à la carte," and/or demonstrate deep divisions in terms of how to handle the UK's exit. This is not the case today, as the

May 2017

## Risk Factors

27 EU countries are standing as one for now. Managing the UK's exit from the EU is akin to managing the most complex divorce in history. One thing is sure: this is an important test of Europe's capacity to (once again) manage a crisis, convince Europe that there is a plan for it, and remove any attempts at a Europe "à la carte" that could pop up here or there in the EU. A new European crisis, if it were to occur, could be fatal, unless there is a (highly unlikely) great leap towards federalism. Note that negotiations with the UK will come right in the middle of an election year in France and Germany, which is most certainly not an ideal political configuration. It will be necessary to reconcile the Europeans with the European idea, and in particular to reassure the Eurosceptics, which will not be easy.

**MARKET IMPACT** The negative impacts are all too well known: widening of sovereign and credit spreads, rise of volatility—only this time it would certainly be accompanied by a severe weakening of the Euro. A new European crisis could very well confirm the scenarios of the zone breaking apart, or, at the very least, the weaker countries exiting it... unless the exit scenario tempts the most solid of them, which is highly plausible, because they will end up becoming tired – from a political standpoint – of economically and financially supporting the struggling countries.

### [Risk # 11] **Greater financial instability**

[PROBABILITY] **70%**

**ANALYSIS** In the last few years, action by central banks has enabled financial stability to return. Lower short- and long-term rates, reduced volatility and tighter credit spreads are all factors that have generated an environment of greater stability. However, beware: (i) This stability has a contrived aspect that should not be underestimated. Central banks cannot resolve all of the problems by themselves (jobs, investment, growth, etc.) and, if the current conditions do not improve more significantly, a certain level of disillusion/disappointment may well set in, which could in turn become a source of instability. (ii) Monetary policies have reached their limits, both negative rates and QEs, and it is quite difficult to expect any more from them. The macroeconomic response would eventually come from fiscal and tax policies, and, traditionally, public spending has far fewer stabilising virtues for the financial markets than lower interest rates. (iii) Finally, the several elections due to take place in Europe will not be without consequences for the volatility of financial assets.

**MARKET IMPACT** Greater financial instability would lead to a rise in volatility and credit spreads, particularly in Europe, where the labour market is weaker and the political and social risks are greater.

### [Risk # 12] **Liquidity crisis**

[PROBABILITY] **20%**

**ANALYSIS** Aside from the risk scenarios outlined above, which could lead to the liquidation of positions and/or portfolios, it is worth recalling once again that the prevailing liquidity constraints call for additional caution. Since the 2008 financial crisis, the decline in investment banks' inventories, the regulatory constraints that have led major players to buy and retain large volumes of bonds, the reduction in proprietary trading and market-making activities and the domination of central banks through QE programmes have all "drained" the fixed-income markets, and closing a position or portfolio now requires more time (seven times longer than before the financial crisis of 2008 if we are to believe a study by the Bank of England carried out a little over two years ago). Even though bid-ask spreads have tightened since the financial crisis (due to the drop in interest rates), tradeable volumes are down sharply, as is the speed of execution, two major reflections of liquidity—or the absence thereof. Remember, the less liquid the markets are the less prices reflect fundamentals, the more they can be manipulated, the higher the risks of contagion are, the higher and more unstable volatility is, and the lower their capacity to absorb shocks. Not exactly reassuring.

**MARKET IMPACT** This needs to be incorporated into investment decisions and should be taken into account in portfolio-building constraints and stress tests. Expect exit or macro-hedging plans for the less liquid portfolio segments or those that are likely to become less liquid in a crisis. The ECB's purchasing programme is causing lower liquidity (negative) but is also helping to keep volatility low (positive)... the question arises as soon as the debate on the end of QE rears its head.

### [Risk # 13] **Banks collapse**

[PROBABILITY] **5%**

**ANALYSIS** This risk seems highly exaggerated to us. It is true that negative rates are penalising the banks, that the cost of capital remains high (reflecting, in reality, the weight of past crises), and that fears of a new crisis, uncertainty over regulation, and the difficulty for investors to discriminate against banks and against banking systems continue to have an impact. However, we are not pessimistic. The banks of 2017 have nothing in common with the banks of 2008 or 2011: not only have they raised very large amounts of capital, but the ECB's anti-crisis system is now well-established, with banking supervision and stress tests. Moreover, the ECB's liquidity access facilities have drastically reduced specific risk and systemic risk for more than two years. The return of growth is now an asset. It should also be noted that in the past several months—and especially since the election of Donald Trump—much of the fixed-income universe has returned to positive territory, and we have seen a steepening of the yield curve, both of which are clear advantages for the profitability of banks. In short, the situation has improved significantly.



May 2017

## Risk Factors

**MARKET IMPACT** Among the factors causing fragility, the inability to discriminate between banks and between banking systems is no doubt the most concerning: any rumours or difficulties involving banks generate waves of stress, widening spreads, and plummeting bank securities. No need to go into detail on the implications on financial stability or the economies if there should be any bank failures.

### [RISK # 14] Geopolitical risks intensify

[PROBABILITY] **70%**

**ANALYSIS** Geopolitically, the markets are now operating against a difficult backdrop: Syria, Islamic State, Turkey, terrorist attacks and migrant flows are some of the forces weakening diplomatic ties among countries, especially in Europe. The United States officially entered this debate with the election of Donald Trump and the prospect of migrants being deported. Do not expect these ongoing problems and conflicts to be quickly resolved. Incorporating geopolitical risks permanently into portfolios (systematically providing macro-hedging strategies) has more meaning now.

**MARKET IMPACT** There is no doubt that there will be regular spikes in tension and volatility. The current geopolitical risks are clearly identified and specific. The scale of other political risks, including the consequences of the new direction of US diplomacy, is more difficult to assess at this stage. Is this combination of factors likely to impact on growth prospects or on the financial markets? Nothing is certain at this stage, but the likelihood is very high.

### [RISK # 15] Political risks intensify (electoral calendar, populism, etc.)

[PROBABILITY] **70%**

**ANALYSIS** Politically, the markets are now operating against a very difficult backdrop. In 2017, many elections will be held, and some are especially important: presidential elections (23 April and 7 May 2017) and legislative elections (11 June and 18 June) in France, and general elections in Germany in the autumn of 2017. What's intriguing / concerning is the rise in extremist parties (far right-wing parties in Europe's hard-core countries, and far left-wing parties in the peripheral countries) and populism, which is reflected in protectionist, anti-immigration, and pro-public-deficit issues. Inevitably, some parties will be tempted by these issues, to please an electorate increasingly sensitive to widening inequalities and the tax burden. Historically, such policies (especially protectionism) generally result in phases of very weak (or no) growth and higher inflation. These phases of economic stagnation and strong public deficits inevitably lead to periods of recession and political and financial instability. Europe also faces the prospect of referendums in countries like France and Italy. We are not counting on the seizure of power from populist parties in France or Germany (for Italy, see Risk Factor 2 above), but rather on the possibility of a strengthened Franco-German axis.

**MARKET IMPACT** The current political risks are clearly identified, but the prospect of major elections in Europe will inevitably lead to an increase in volatility and questions on the governance and future leadership of the EU. But will this have an impact on growth prospects or on the financial markets? The answer is yes. The ECB's QE programme will not be able to prevent the persistence of risk premiums on certain European debt obligations, such as French and Italian bonds.

### [RISK # 16] French elections revive fears over the Eurozone

[PROBABILITY] **65%**

**ANALYSIS** Three key electoral battles loom on the horizon: the second round of the French presidential elections (7 May 2017) and the legislative elections (11 June and 18 June). Let's be clear: the challenge of all of the European elections (the Netherlands, Italy, France and Germany) lies in the durability of European integration. We do not bet on the victory of Front National (Marine Le Pen), which would certainly give credibility to the Frexit scenario. We rely instead on the possibility of a reinforced Franco-German axis.

The newly elected president (Emmanuel Macron (leading polls) will nonetheless need to attract the voters to obtain a presidential majority following the legislative elections, the only way to have a stable government. He will need to win the legislative elections (over half of the 577 MPs) or form a coalition government. The is that France would end up with a president without support of a stable majority.

**MARKET IMPACT** French elections represent a major risk for the financial markets because they are emblematic of current trends: rising extreme right-wing parties in the EMU core countries, growing rejection of the establishment, protectionist temptations, hostility towards Europe and / or European institutions... Nonetheless, in our opinion, it would be legitimate for risk premiums (spreads against Germany, volatility, CDS...) to deteriorate and stay high until the outcome of the elections. Bet on significantly narrowed spreads and CDS after the elections.

### [RISK # 17] A sustainable rise in European bond yields

[PROBABILITY] **20%**

**ANALYSIS** Since the financial crisis, long rates have sharply declined. The yield search in this ultra-low or negative desert favoured three oases of spreads: emerging debt, private debt and high yield debt. Particularly since 2016, the risk of higher

May 2017

## Risk Factors

bond yields comes from the United States, not from the euro area. The increase in American long-term rates can come from five main sources: (i) a significant upturn in growth prospects, (ii) a more forceful tightening of interest rate policies, (iii) the “genuine” end of QEs (failure to replace maturing bonds), (iv) a resurgence in inflation, or / and (v) a large-scale reversal of fiscal and tax policies. All of these factors (except perhaps the third) have increased in the United States. This is why the current debate in the United States or in Europe on fiscal and tax policies is crucial for interest rates. As far as the United States is concerned, we are expecting an extension of the current growth cycle (which has been faltering for several quarters), but not with the advent of a new growth cycle. The Fed is raising its rates, fiscal and tax policies are expected to become more expansionist, which justifies upwards movements in long rates but, in our opinion, it still seems excessive to rely on a permanent rise in US long-term rates, and this conclusion holds even more in the case of the euro area: the situation in terms of growth, inflation, the monetary policy cycle, the ECB’s QE programme and the (relatively) weak ability to re-start the economic engine through budgetary and fiscal policy effectively protect the European markets from rising interest rates in the United States. However, risk premiums have risen as a consequence of political uncertainty. Distinguishing between core countries (like Germany), periphery countries and intermediary countries (like France) is essential.

**MARKET IMPACT** Putting aside political uncertainty, the risk of bond yields rising significantly in Europe is low. Caution in the case of the United States: sensitivity to long-term interest rates has increased with the releveraging of companies (at its historical high), which weakens growth and pleads for a future decline in bond yields. It should also be noted that any rise in long-term rates is a hindrance to monetary policy and to the potential for Fed’s higher interest rates. Another reason for doubting in a sustainable and ample increase in US bond yields.



# Amundi Research Center

Top-down  
**Asset Allocation**  
Bottom-up  
**Corporate Bonds**  
**Fixed Income**



**Foreign Exchange**  
Money Markets **Equities**

Find out more about  
**Amundi research team**  
[research-center.amundi.com](http://research-center.amundi.com)

**Monetary Policies**  
Forecasts  
**Investment Strategies**  
Quant  
**Emerging Markets**  
Sovereign Bonds  
**Private Equity**  
Real Estate **High Yield**

## Recent publications

### Working Papers

- **Alternative Risk Premia: What Do We Know?**  
THIERRY RONCALLI, *Quantitative Research*
- **Portfolio optimisation in an uncertain world**  
MARIELLE DE JONG – *Quantitative Research*
- **The Reactive Covariance Model and its implications in asset allocation**  
EDUARDO ABI JABER – *Quantitative Analyst – ENSAE ParisTech* – DAVE BENICHOU, *Portfolio Manager*, HASSAN MALONGO – *Quantitative Research*

### Discussion Papers Series

- **Cycles and asset allocation: key investment decisions**  
ÉRIC MIJOT – *Strategy and Economic Research*
- **Human rights and businesses: How can one assess the corporate responsibility to protect human rights?**  
MARIE NAVARRE, ARNAUD PEYTHIEU – *ESG Research*
- **Coal extraction and mining: Sector exclusion or greater selectivity?**  
CATHERINE CROZAT – *ESG Research*

### Special Issues \_ French presidential election 2017

- #8 - **Macron vs. Le Pen: what is at stake next Sunday**  
PHILIPPE ITHURBIDE – *Global Head of Research, Strategy and Analysis*
- #7 - **First round of presidential election: Extreme risk scenarios disappear and uncertainty dissipates**  
PHILIPPE ITHURBIDE – *Global Head of Research, Strategy and Analysis*
- #6 - **The candidates and Europe: Loyalty, Protest or Exit?**  
PHILIPPE ITHURBIDE – *Global Head of Research, Strategy and Analysis* - VALERIE LETORT – *Strategy and Economic Research*
- #5 - **French public debt: liquid and safe**  
BASTIEN DRUT – *Strategy and Economic Research*
- #4 - **The candidates and budgetary / fiscal policies: what is at stake**  
VALERIE LETORT – *Strategy and Economic Research*
- #3 - **The French economy's structural problems according to international organisations and the top four candidates' platforms**  
TRISTAN PERRIER – *Strategy and Economic Research*
- #2 - **French economy: where are we?**  
TRISTAN PERRIER – *Strategy and Economic Research*
- #1 - **French elections - taking stock of the situation and decrypting current issues**  
PHILIPPE ITHURBIDE – *Global Head of Research, Strategy and Analysis*

## Contributors

### Editor

– PHILIPPE ITHURBIDE  
*Head of Research, Strategy and Analysis – Paris*

### Deputy-Editors

– DIDIER BOROWSKI – *Paris*, RICHARD BUTLER – *Paris*, ÉRIC MIJOT – *Paris*,  
MO JI – *Hong Kong*, STÉPHANE TAILLEPIED – *Paris*

### Support

– PIA BERGER  
*Research, Strategy and Analysis – Paris*  
– BENOIT PONCET  
*Research, Strategy and Analysis – Paris*

## DISCLAIMER

Chief editor: Pascal Blanqué  
Editor: Philippe Ithurbide

In the European Union, this document is only for the attention of "Professional" investors as defined in Directive 2004/39/EC dated 21 April 2004 on markets in financial instruments ("MIFID"), to investment services providers and any other professional of the financial industry, and as the case may be in each local regulations and, as far as the offering in Switzerland is concerned, a "Qualified Investor" within the meaning of the provisions of the Swiss Collective Investment Schemes Act of 23 June 2006 (CISA), the Swiss Collective Investment Schemes Ordinance of 22 November 2006 (CISO) and the FINMA's Circular 08/8 on Public Advertising under the Collective Investment Schemes legislation of 20 November 2008. In no event may this material be distributed in the European Union to non "Professional" investors as defined in the MIFID or in each local regulation, or in Switzerland to investors who do not comply with the definition of "qualified investors" as defined in the applicable legislation and regulation. This document is not intended for citizens or residents of the United States of America or to any «U.S. Person», as this term is defined in SEC Regulation S under the U.S. Securities Act of 1933.

This document neither constitutes an offer to buy nor a solicitation to sell a product, and shall not be considered as an unlawful solicitation or an investment advice. Amundi accepts no liability whatsoever, whether direct or indirect, that may arise from the use of information contained in this material. Amundi can in no way be held responsible for any decision or investment made on the basis of information contained in this material. The information contained in this document is disclosed to you on a confidential basis and shall not be copied, reproduced, modified, translated or distributed without the prior written approval of Amundi, to any third person or entity in any country or jurisdiction which would subject Amundi or any of "the Funds", to any registration requirements within these jurisdictions or where it might be considered as unlawful. Accordingly, this material is for distribution solely in jurisdictions where permitted and to persons who may receive it without breaching applicable legal or regulatory requirements.

The information contained in this document is deemed accurate as at the date of publication set out on the first page of this document. Data, opinions and estimates may be changed without notice.

You have the right to receive information about the personal information we hold on you. You can obtain a copy of the information we hold on you by sending an email to [info@amundi.com](mailto:info@amundi.com). If you are concerned that any of the information we hold on you is incorrect, please contact us at [info@amundi.com](mailto:info@amundi.com)

Document issued by Amundi, a société anonyme with a share capital of €746,262,615 - Portfolio manager regulated by the AMF under number GP04000036 – Head office: 90 boulevard Pasteur – 75015 Paris – France – 437 574 452 RCS Paris [www.amundi.com](http://www.amundi.com)

Photo credit: iStock by Getty Images - TomasSereda