



ECONOMIC SITUATION AND STRATEGY November 9, 2018

History of undervalued stocks, evil banks, and incompetent clients

It sounds like a comparatively easy task to make statements about stock valuations and draw inferences as to which names and sectors exhibit an especially attractive valuation level. Indeed, to have a very easy time of it, one need only look at key figures like the price-earnings ratio (P/E) to put stocks or entire sectors in a certain order in respect to valuation and draw conclusions about (putative) relative attractiveness. However, anyone who seriously believes that appreciable added value can be achieved based on such a trivial procedure underestimates the efficiency of capital markets. When a stock has a low P/E, there is usually a reason. It rather seldom occurs that investors completely overlook an entrepreneurial "jewel" and assign a misvaluation on the market. One may rather assume that a low P/E usually accompanies very low or even absent profitability or poor financial quality. What appears at first as a "bargain" often turns out to be a non-starter on closer inspection. However, the difficult question is what valuation markdown is justified by low profitability or poor financial quality. There are no textbook solutions, or even rules of thumb. To a certain extent, analysts and investors must answer the question for themselves whether a markdown is justified in a concrete case. And it gets harder from there. There are market phases in which stocks are penalized heavily in their prices and hence in their P/E ratios for "deficiencies" in profitability, earnings growth, or financial quality, while broad indifference to such considerations prevails in other market phases. Under such circumstances, it seems almost impossible to talk with sufficient confidence about clearly overvalued or undervalued stocks. In a way, it even

bespeaks a lack of humility to believe oneself capable of consistently making crystal-clear statements here.

Those who know us know that we do not give up that quickly. Should it really be impossible to make assertions about the putative attractiveness of stocks? Things are presumably not that bad. Even if the market is also looking for fair value, hardly anyone believes that it manages to do that with high accuracy every day. After all, the volatility of stock prices is many times greater than the volatility of the underlying fundamental data, which is an unmistakable sign that the market sometimes exaggerates in its search and overshoots. Precisely those moments can be utilized to collect a little gold dust here and there. But how can one proceed systematically. Ultimately, gold dust is only fun if one has relatively large quantities of it, and you need a plan and a concept to get that.

Here, we propose a concept for systematically analyzing the valuation of stocks that, to our knowledge, has not been published to date, at least not in this form. This is what our proposal looks like. First, we assume that there is no such thing as "the" valuation ratio. Besides the P/E, many other ratios describe the valuation of a stock from different perspectives. Our analysis uses about 50 different valuation ratios, each of which is set in relation to a large number of other ratios that may describe, for example, the financial quality, profitability, or price volatility of a stock. We do that with the help of a multiple regression analysis. That is a statistical method used in the attempt to optimally explain one ratio (in this case, the valuation ratio) by means of others. Ideally, we can use statistical means to derive a "fair" valuation from which we can then infer a concrete overvaluation or undervaluation of individual stocks in a second step.

To this point, the procedure is not very spectacular. This or something like it is more or less what is done around the world to look for possibly undervalued stocks by statistical methods. As so often, though, the devil is also in the details here. For, one arrives at different results depending on the specification of the models and ratios used. Moreover, that must be the case because there can never be a "global formula" for inferring a fair valuation. However, the error due to misspecification of the model can be dramatically reduced by calculating an extremely large number of possible (and of course plausible) models and specifications. And that is right where we start. Instead of working with one equation and believing it can describe stock valuations adequately, we automatically generate thousands of equations that all deal with the question of fair valuation from marginally different angles. Ultimately, we obtain results that rest on an extremely broad statistical base in which individual distortions and errors offset and hence neutralize each other overall as far as possible (or so we hope).

Here, at the latest, the reader will ask which stocks come out positive now in such an analysis, since that is the point of all this effort. Of course, we could present a list of attractively valued stocks here, but unfortunately we are no longer allowed to. Yes, you have read correctly. We would be very glad to share our findings with you, but lawmakers and regulatory authorities have barred this kind of information exchange as a result of a regulation that overshoots its objective.

The reason for that is easy to explain. Both the legislature and the courts now assume that citizens and consumers are no longer competent to handle their affairs. On the contrary, they seem to assume that consumers are stupid and naively allow themselves to be exploited constantly and without limit by evil banks. That is why we are no longer allowed to name any presumptively attractive stocks in such a publication. For, it could be that you, dear reader, would run impetuously to the next bank office and pledge your home and fortune to invest in these few stocks, and in the process be bamboozled by the bank on the transaction. Apparently, no one can imagine now that such a research publication might also simply serve the purpose of civilized communication concerning capital market topics in which the bank is a fair advisor and sparring partner. This is almost a matter of despair for us. It assumes that banks engage in business practices that make absolutely no sense even in their own economic interest.

And it gets even worse. The vacuum created by the radio silence imposed on banks is being filled increasingly by dubious financial gurus up to no good in the internet and other media and (unlike banks) not subject to regulation. It is hard to imagine that lawmakers would want this, but that is exactly what happens when they ply their craft largely removed from the real world and mainly driven by ideology.

| | Z-score of valuation | | | | | |
|------------------------|---------------------------------|--|--|--|--|--|
| Sector on ICB level 5 | attractiveness (the higher, the | | | | | |
| | more attractive) | | | | | |
| Home Construction | 2,1 | | | | | |
| Home Improvement Ret. | 1,9 | | | | | |
| Delivery Services | 1,9 | | | | | |
| Aluminum | 1,8 | | | | | |
| Bus.Train & Employmnt | 1,5 | | | | | |
| Auto Parts | 1,5 | | | | | |
| Travel & Tourism | 1,5 | | | | | |
| Integrated Oil & Gas | 1,4 | | | | | |
| Automobiles | 1,3 | | | | | |
| Paper | 1,3 | | | | | |
| Consumer Electronics | 1,2 | | | | | |
| Nonferrous Metals | 1,2 | | | | | |
| Tires | 1,2 | | | | | |
| Full Line Insurance | 1,1 | | | | | |
| Reinsurance | 1,1 1,1 | | | | | |
| Electrical Equipment | 1,1 | | | | | |
| Iron & Steel | 1,1 1,0 | | | | | |
| Containers & Package | 1,0 | | | | | |
| General Mining | 0,9 | | | | | |
| Life Insurance | 0,9 | | | | | |
| Airlines | 0,8 | | | | | |
| Recreational Services | 0,8 | | | | | |
| Comm. Vehicles, Trucks | 0,7 | | | | | |
| Industrial Suppliers | 0,7 | | | | | |
| Gold Mining | 0,7 | | | | | |
| Dur. Household Prod. | 0,7 | | | | | |
| Heavy Construction | 0,6 | | | | | |
| Specialty Retailers | 0,6 | | | | | |
| Renewable Energy Eq. | 0,6 | | | | | |
| Multiutilities | 0,6 | | | | | |
| Food Retail, Wholesale | 0,6 | | | | | |
| Divers. Industrials | 0,6 | | | | | |
| Nondur.Household Prod | 0,6 | | | | | |
| Commodity Chemicals | 0,6 | | | | | |
| Defense | 0,5 | | | | | |
| Forestry | 0,5 | | | | | |
| Broadline Retailers | 0,5 | | | | | |
| Con. Electricity | 0,4 | | | | | |
| Computer Services | 0,4 | | | | | |
| Prop. & Casualty Ins. | 0,4 | | | | | |
| Gas Distribution | 0,3 | | | | | |
| Gambling | 0,3 | | | | | |
| Farm Fish Plantation | 0,3 | | | | | |
| Oil Equip. & Services | 0,2 | | | | | |
| Fixed Line Telecom. | 0,2 | | | | | |
| Building Mat.& Fix. | 0,2 | | | | | |
| Industrial Machinery | 0,1 | | | | | |
| Water | 0,1 | | | | | |
| Broadcast & Entertain | 0,1 | | | | | |

| Over- and undervaluation of sectors on industry group level | | | | | | |
|---|---------------------------------|--|--|--|--|--|
| | Z-score of valuation | | | | | |
| Sector on ICB level 5 | attractiveness (the higher, the | | | | | |
| | more attractive) | | | | | |
| Tobacco | 0,1 | | | | | |
| Exploration & Prod. | 0,1 | | | | | |
| Soft Drinks | 0,1 | | | | | |
| Business Support Svs. | 0,0 | | | | | |
| Investment Services | 0,0 | | | | | |
| Asset Managers | 0,0 | | | | | |
| Food Products | 0,0 | | | | | |
| Specialty Chemicals | 0,0 | | | | | |
| Marine Transportation | -0,1 | | | | | |
| Mobile Telecom. | -0,1 | | | | | |
| Computer Hardware | -0,1 | | | | | |
| Banks | -0,2 | | | | | |
| Aerospace | -0,2 | | | | | |
| Hotels | -0,2 | | | | | |
| Transport Services | -0,3 | | | | | |
| Alt. Electricity | -0,3 | | | | | |
| Clothing & Accessory | -0,3 | | | | | |
| Apparel Retailers | -0,3 | | | | | |
| Telecom. Equipment | -0,4 | | | | | |
| Footwear | -0,4 | | | | | |
| Recreational Products | -0,4 | | | | | |
| Brewers | -0,4 | | | | | |
| Restaurants & Bars | -0,4 | | | | | |
| Specialty Finance Media Agencies | -0,5 -0,5 | | | | | |
| Retail REITs | -0,5 | | | | | |
| Internet | -0,6 | | | | | |
| Personal Products | -0,6 | | | | | |
| Publishing | -0,6 | | | | | |
| Healthcare Providers | -0,7 | | | | | |
| Pharmaceuticals | -0,7 | | | | | |
| Insurance Brokers | -1,0 | | | | | |
| Trucking | -1,1 | | | | | |
| Diversified REITs | -1,1 | | | | | |
| Medical Supplies | -1,1 | | | | | |
| Investment Trusts | -1,2 | | | | | |
| Medical Equipment | -1,3 | | | | | |
| Real Estate Hold, Dev | -1,3 | | | | | |
| Software | -1,4 | | | | | |
| Distillers & Vintners | -1,4 | | | | | |
| Spec.Consumer Service | -1,5 | | | | | |
| Ind. & Office REITs | -1,5 | | | | | |
| Electronic Equipment | -1,6 | | | | | |
| Biotechnology | -1,8 | | | | | |
| Mortgage Finance | -2,2 | | | | | |
| Railroads | -2,2 | | | | | |
| Financial Admin. | -2,4 | | | | | |
| Toys | -3,3 | | | | | |

Of course, we do not want to end today without making any statements about valuation. However, it is difficult to mention a clear result even at the sector level, since there are ETFs and certificates at least at the upper level of the sector classification that we would then be "plugging" indirectly – which (as you may well suspect) would again be tricky in the new world of banking regulation. However, stocks are also divided into industry groups, and there are usually no established financial instruments exactly geared to these groups. So, we have ventured to make statements about which industry group we think is attractive in terms of valuation according to our model. We hope that we thus avoid conflict with the law and are not now standing with one foot in the penitentiary.

But to be quite certain that this aggregation of data is not used against us, we prefer not to reveal here whether these are, for example, European, American, or even global sectors.

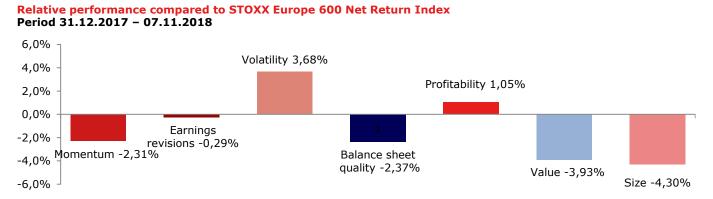
Presumably, you would wish us to give you a clue as to which stocks are hidden behind the industrial groups, but you realize we would then run the risk of coming into conflict with the law. That this is an almost Kafkaesque situation, a satirical reality, must be clear to all. We can only hope that policymakers will soon end this surreal episode so we may return to treating our clients as they deserve, as competent citizens and grown adults.

| | June | July | Aug. | Sept. | Oct. | Nov. | Release | |
|---|-------|---------|-------|---------|-------|-------|-------------|--|
| DE: Consumer prices, m/m – final | 0.1% | 0.3% | 0.1% | 0.4% | 0.2% | | November 13 | |
| DE: Consumer prices, y/y – final | 2.1% | 2.0% | 2.0% | 2.3% | 2.5% | | November 13 | |
| DE: ZEW economic expectations | -16.1 | -24.7 | -13.7 | -10.6 | -24.7 | -21.5 | November 13 | |
| DE: ZEW current conditions | 80.6 | 72.4 | 72.6 | 76 | 70.1 | 70.5 | November 13 | |
| EUR19: Industrial production, m/m | -0.7% | -0.7% | 1.0% | 0.2% | | | November 14 | |
| EUR19: Industrial production, y/y | 2.4% | 0.5% | 0.8% | 0.9% | | | November 14 | |
| EUR19: Consumer prices, y/y – final | 2.0% | 2.1% | 2.0% | 2.1% | 2.2% | | November 16 | |
| EUR19: Core inflation rate, y/y – final | 0.9% | 1.1% | 0.9% | 0.9% | 1.1% | | November 16 | |
| | Q1 2 | Q1 2018 | | Q2 2018 | | 2018 | | |
| DE: GDP, q/q - s.a. | 0. | 0.3% | | 0.5% | | 2% | November 14 | |
| DE: GDP, y/y – s.a. | 2. | 2.3% | | 2.0% | | 2% | November 14 | |
| EUR19: GDP, q/q – s.a. | 0.4 | 0.4% | | 0.4% | | 1% | November 14 | |
| EUR19: GDP, y/y – s.a. | 2. | 2.5% | | 2.1% | | 5% | November 14 | |

Weekly outlook for November 12-16, 2018

MMWB estimates in red

Chart of the Week: Factor approach under pressure



Investors who have approached stock selection in 2018 based on factor characteristics have had little to be cheerful about so far. Until the beginning of March, most factors managed to outperform the broad index, but the opposite has been the case since then. Political antics like the trade dispute, tough Brexit negotiations, and the Italian government's budget plans are weighing on investor sentiment and causing investment decisions to be made increasingly for behavioral economic reasons rather than based on intrinsic fundamentals. Except the factor portfolios of volatility and profitability, which contain stocks from the STOXX Europe 600 with the lowest volatility and highest profitability, all factor portfolios are lagging in relative terms behind the index, which itself is in the red at -3.4%. For this study, we formed portfolios at the beginning of each quarter for seven established factors (momentum, earnings revisions, volatility, financial quality, profitability, valuation, and size) using the 100 stocks from the STOXX 600 that showed the highest exposure to the named factor at that time. We equally weighted their performance over the following three months and then rebalanced after the end of each quarter. What stands out is that sentiment continues to determine stock price development and company characteristics are playing only a subordinate role. However, experience shows that political stock markets also have short legs in factor investing and as soon as the markets have calmed somewhat, fundamental data will play a role again. However, since it is impossible to forecast which factors will beat the others in the future, it is important to be aware that single-factor investments are always a bet on the future (out)performance of one factor. We therefore recommend selecting as far as possible stocks that exhibit in total roughly equally high exposure to all factors.

| Stock marktes Dow Jones S&P 500 Nasdaq DAX MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA Russland RTS | As of 09.11.2018 14:56 26191 2807 7531 11510 24221 2672 3221 2967 9051 | 02.11.2018 -1 week 3,6% 3,1% 2,4% -0,1% -1,0% 0,1% 0,2% 0,2% | 08.10.2018 -1 month -1,1% -2,7% -2,7% -3,7% -2,6% 1,0% | Change versus 08.08.2018 -3 months 2,4% -1,8% -4,5% -8,9% -9,6% | 08.11.2017 -1 year 11,2% 8,2% 10,9% -14,0% | 29.12.2017 YTD 6,0% 5,0% 9,1% |
|---|---|---|---|--|---|---|
| Dow Jones S&P 500 Nasdaq DAX MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 14:56 26191 2807 7531 11510 24221 2672 3221 2967 9051 | -1 week 3,6% 3,1% 2,4% -0,1% -1,0% 0,1% 0,2% | -1 month -1,1% -2,7% -2,7% -3,7% -2,6% | -3 months 2,4% -1,8% -4,5% -8,9% | -1 year 11,2% 8,2% 10,9% | YTD 6,0% 5,0% |
| Dow Jones S&P 500 Nasdaq DAX MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 26191 2807 7531 11510 24221 2672 3221 2967 9051 | 3,6% 3,1% 2,4% -0,1% -1,0% 0,1% 0,2% | -1,1% -2,7% -2,7% -3,7% -2,6% | 2,4% -1,8% -4,5% -8,9% | 11,2% 8,2% 10,9% | 6,0% 5,0% |
| S&P 500 Nasdaq DAX MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 2807 7531 11510 24221 2672 3221 2967 9051 | 3,1% 2,4% -0,1% -1,0% 0,1% 0,2% | -2,7% -2,7% -3,7% -2,6% | -1,8% -4,5% -8,9% | 8,2% 10,9% | 5,0% |
| Nasdaq DAX MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 7531 11510 24221 2672 3221 2967 9051 | 2,4% -0,1% -1,0% 0,1% 0,2% | - 2,7% - 3,7% - 2,6% | -4,5% -8,9% | 10,9% | ' |
| DAX MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 11510 24221 2672 3221 2967 9051 | -0,1% -1,0% 0,1% 0,2% | -3,7% -2,6% | -8,9% | | 9.1% |
| MDAX TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 24221 2672 3221 2967 9051 | -1,0% 0,1% 0,2% | -2,6% | | -14 004 | 2, 1, 10 |
| TecDAX EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 2672 3221 2967 9051 | 0,1% 0,2% | | -9.6% | - 1 4 ,0%0 | -10,9% |
| EuroStoxx 50 Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 3221 2967 9051 | 0,2% | 1.0% | 5,0,0 | -10,1% | -7,6% |
| Stoxx 50 SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 2967 9051 | | 1,0 /0 | -8,7% | 6,0% | 5,7% |
| SMI (Swiss Market Index) Nikkei 225 Brasilien BOVESPA | 9051 | | -2,7% | -7,8% | -11,9% | -8,1% |
| Nikkei 225 Brasilien BOVESPA | | 0,7% | -1,2% | -5,6% | -7,9% | -6,6% |
| Nikkei 225 Brasilien BOVESPA | | 0,7% | 1,0% | -1,4% | -2,3% | -3,5% |
| Brasilien BOVESPA | 22250 | 0,0% | -6,4% | -1.7% | -2,9% | -2,3% |
| | 86146 | -2,6% | 0,1% | 8,8% | 15,8% | 12,8% |
| | 1118 | -1,4% | -3,4% | 0,4% | -2,8% | -3,1% |
| Indien BSE 30 | 35159 | 0,4% | 2,0% | -7,2% | 5,8% | 3,2% |
| China Shanghai Composite | 2599 | -2,9% | -4,3% | -5,3% | -23,9% | -21,4% |
| MSCI Welt (in €) | 2082 | 2,9% | -1,7% | -1,8% | 3,7% | 4,6% |
| | 2082 994 | | 0,9% | | | ' |
| MSCI Emerging Markets (in €) | 994 | 0,3% | 0,9% | -6,0% | -10,6% | -9,4% |
| Bond markets | | | | | | |
| Bund-Future | 159,37 | -26 | 142 | -274 | -403 | -231 |
| Bobl-Future | 131,28 | -3 | 76 | -61 | -71 | -33 |
| Schatz-Future | 111,94 | -3 | 14 | 0 | -36 | -4 |
| 3 Monats Euribor | -0,32 | 0 | 0 | 0 | 1 | 1 |
| 3M Euribor Future, Dec 2017 | -0,31 | 0 | -1 | -2 | -3 | 0 |
| 3 Monats \$ Libor | 2,61 | 2 | 20 | 27 | 120 | 92 |
| Fed Funds Future, Dec 2017 | 2,01 | 1 | 20 | 6 | 60 | 0 |
| red Fullus Fullure, Dec 2017 | 2,29 | 1 | Z | 0 | 00 | U |
| 10 year US Treasuries | 3,23 | 1 | 0 | 27 | 90 | 82 |
| 10 year Bunds | 0,43 | -1 | -11 | 3 | 10 | 1 |
| 10 year JGB | 0,13 | 0 | -2 | 1 | 10 | 8 |
| 10 year Swiss Government | 0,01 | 0 | -6 | 6 | 14 | 14 |
| US Treas 10Y Performance | 550,58 | -0,2% | 0,5% | -1,7% | -5,7% | -5,3% |
| Bund 10Y Performance | 614,56 | -0,2% | 0,9% | -0,4% | 0,3% | 1,2% |
| REX Performance Index | 483,82 | 0,0% | 0,6% | -0,1% | -0,3% | 0,7% |
| US mortgage rate | 0,00 | 0 | 0 | 0 | 0 | 0 |
| IBOXX AA, € | 0,87 | 1 | -3 | 14 | 27 | 19 |
| IBOXX BBB, € | 1,82 | -1 | 5 | 27 | 75 | 59 |
| ML US High Yield | 6,90 | -9 | 24 | 38 | 76 | 75 |
| JPM EMBI+, Index | 784 | 0,0% | 0,3% | -1,0% | -4,7% | -6,2% |
| Convertible Bonds, Exane 25 | 7223 | 0,0% | -1,3% | -2,2% | -2,6% | -2,4% |
| | 7223 | 0,0% | -1,5% | -2,270 | -2,0% | -2,4% |
| Commodities | | | | | | |
| CRB Spot Index | 416,23 | -0,8% | -0,3% | -2,0% | -3,6% | -3,8% |
| MG Base Metal Index | 304,19 | -1,8% | -2,8% | -3,6% | -11,7% | -15,2% |
| Crude oil Brent | 69,74 | -4,2% | -16,7% | -3,7% | 9,4% | 4,7% |
| Gold | 1210,91 | -1,7% | 2,1% | 0,0% | -5,8% | -7,1% |
| Silver | 14,46 | -2,4% | 1,2% | -6,0% | -15,9% | -15,0% |
| Aluminium | 1979,50 | 1,0% | -4,0% | -5,0% | -5,3% | -12,3% |
| Copper | 6172,50 | -2,3% | 0,0% | 0,5% | -9,6% | -14,4% |
| Iron ore | 75,01 | 2,9% | 8,3% | 9,0% | 19,8% | 5,2% |
| Freight rates Baltic Dry Index | 1231 | -15,5% | -19,5% | -27,8% | -17,2% | -9,9% |
| Currencies | | | • | • | | |
| | | | | | | |
| EUR/ USD | 1,1348 | -0,6% | -1,1% | -2,1% | -2,1% | -5,4% |
| EUR/ GBP | 0,8706 | -0,8% | -0,8% | -3,3% | -1,6% | -1,9% |
| EUR/ JPY | 129,23 | 0,3% | -0,7% | 0,4% | -1,8% | -4,3% |
| EUR/ CHF | 1,1418 | 0,0% | 0,2% | -1,1% | -1,4% | -2,4% |
| USD/ CNY | 6,9548 | 0,9% | 0,4% | 1,7% | 4,9% | 6,9% |
| USD/ JPY | 114,07 | 0,8% | 0,7% | 2,8% | 0,2% | 1,2% |
| USD/ GBP | 0,77 | -0,5% | 0,3% | -1,1% | 0,5% | 3,8% |

Market data overview

Carsten Klude +49 40 3282-2572 cklude@mmwarburg.com

Dr. Christian Jasperneite +49 40 3282-2439 cjasperneite@mmwarburg.com Dr. Rebekka Haller +49 40 3282-2452 rhaller@mmwarburg.com

Bente Lorenzen +49 40 3282-2409 blorenzen@mmwarburg.com Martin Hasse +49 40 3282-2411 mhasse@mmwarburg.com

Julius Böttger +49 40 3282-2229 jboettger@mmwarburg.com

This information does not constitute an offer or an invitation to submit an offer, but is solely intended to provide guidance and present possible business activities. This information does not purport to be complete and is therefore not binding. The information provided should not be considered a recommendation to purchase financial instruments individually, but serves only as a proposal for a possible asset allocation. The opinions expressed herein are subject to change without notice. Where statements were made with respect to prices, interest rates or other indications, these solely refer to the time when the information was prepared and do not imply any forecasts about future development, particularly regarding future gains or losses. In addition, this information does not constitute advice or a recommendation. Before completing any deal described in this information, a product-specific consultation taliored to the customer's individual needs is required. This information is confidential and exclusively intended for the addressee described herein. Any use by parties other than the addressee is not permissible without our approval. This particularly applies to reproductions, translations, microfilms, saving and processing in electronic media as well as publishing the entire contents or parts thereof.

This analysis is freely available on our website.