Supplement No. 4 pursuant to the Financial Instruments Trading Act (SFS 1991:980) chapter 2 section 34

Dated 4 December 2018 to the Base Prospectus of UBS AG, [London] [Jersey] [Branch], dated 1 March 2018,

in relation to Securities.

The Base Prospectus was approved and registered by the Swedish Financial Supervisory Authority ("SFSA"). Registration number at the SFSA is 18-1611. This Supplement is a part of the Base Prospectus and shall be read in conjunction with the Base Prospectus and the previous supplements.

Supplement No. 1 was approved by the SFSA on 6 April 2018. The Supplement was published by UBS AG on 6 April 2018. Registration number at the SFSA is 18-6245.

Supplement No. 2 was approved by the SFSA on 25 May 2018. The Supplement was published by UBS AG on 25 May 2018. Registration number at the SFSA is 18-9427.

Supplement No. 3 was approved by the SFSA on 29 August 2018. The Supplement was published by UBS AG on 29 August 2018. Registration number at the SFSA is 18-15274.

This Supplement No. 4 was approved by the SFSA on 4 December 2018. This Supplement was published by UBS AG on 4 December 2018. Registration number at the SFSA is 18-21423.

This supplement serves as update to the Base Prospectus in connection to the following occurrence:

Publication of the third quarter 2018 financial report as per 30 September 2018 of UBS Group AG on 25 October 2018 and of UBS AG on 31 October 2018.

In the course of supplementing the Base Prospectus due to the publication of the third quarter financial reports, as mentioned above, UBS AG has also taken the occasion to update in this Supplement certain other updated information that has become available after the date of the Base Prospectus.

Updated information	Updated sections
Information regarding UBS AG has been updated pursuant to the above-mentioned third quarter financial reports of UBS Group AG and of UBS AG	Certain parts in the sections "C. Risk Factors, 1. Issuer specific Risks" and "C. Risk Factors, 2. Security specific Risks".
	The following subsections in the section "I. Information about UBS AG": "1. General Information on UBS AG", "2. Business Overview, Recent Developments", "3. Organisational Structure of the Issuer", "4. Trend Information", "7. Financial Information concerning the Issuer's Assets and Liabilities, Financial Position and Profits and Losses, Interim Financial Information", "8. Litigation, Regulatory and Similar Matters", "9. Significant Changes in the Financial or Trading Position; Material Adverse Change in Prospects".
	The section "L. General Information, 7. Documents incorporated by Reference"
	The information in Elements B.4b, B.5, B.12 and D.2 of the Summary.
Other updated information:	
Update in the description of the Corporate Center	"I. Information about UBS AG, 2. Business Overview, Corporate Center",
Updates in relation to the members of the Board of Directors and the Executive Board	"I. Information about UBS AG, 5. Administrative, Management and Supervisory Bodies of UBS AG, Members of the Board of Directors", "I. Information about UBS AG, 5. Administrative, Management and Supervisory Bodies of UBS AG, Members of the Executive Board"
Additional information with respect to recent developments	"I. Information about UBS AG, 2. Business Overview, Recent Developments, 2. Accounting, Regulatory and legal developments (paragraph "UBS will contest RMBS civil complaint filed by United States Department of Justice")",

The attention of the investors is in particular drawn to the following: Investors who have already agreed to purchase or subscribe for the Securities before this supplement is published have, pursuant to the Financial Instruments Trading Act (SFS 1991:980) chapter 2 section 34, the right, exercisable within a time limit of two working days after the publication of this supplement, to withdraw their acceptances, provided that the new circumstances or the incorrectness causing the supplement occurred before the closing of the public offering and before the delivery of the securities. This means that the last day to withdrawal is before close of business on 6 December 2018. A withdrawal, if any, of an order must be communicated in writing to the Issuer at its registered office specified in the address list hereof.

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1) In relation to the Base Prospectus referred to above, the following adjustments have been made:

In the section "C. RISK FACTORS" the following changes are made:

In the section "1. Issuer specific Risks" the paragraph headed "Market conditions and fluctuations may have a detrimental effect on UBS's profitability, capital strength, liquidity and funding position" is completely replaced as follows:

"Market conditions and fluctuations may have a detrimental effect on UBS's profitability, capital strength, liquidity and funding position

Low and negative interest rates in Switzerland and the eurozone have negatively affected UBS's net interest income: A continuing low or negative interest rate environment may further erode interest margins and adversely affect the net interest income generated by the Personal & Corporate Banking and Global Wealth Management businesses. UBS's performance is also affected by the cost of maintaining the high-quality liquid assets ("HQLA") required to cover regulatory outflow assumptions embedded in the liquidity coverage ratio ("LCR").

The Swiss National Bank permits Swiss banks to make deposits up to a threshold at zero interest. Any reduction in or limitations on the use of this exemption from the otherwise applicable negative interest rates could exacerbate the effect of negative interest rates in Switzerland. Low and negative interest rates may also affect customer behaviour and hence UBS's overall balance sheet structure. Mitigating actions that UBS has taken, or may take in the future, such as the introduction of selective deposit fees or minimum lending rates, have resulted and may further result in the loss of customer deposits, a key source of funding for UBS, net new money outflows and / or a declining market share in UBS's domestic lending business.

UBS's equity and capital are also affected by changes in interest rates. In particular, the calculation of UBS's Swiss pension plan net defined benefit assets and liabilities is sensitive to the discount rate applied. Any further reduction in interest rates may lower the discount rates and result in pension plan deficits due to the long duration of corresponding liabilities. This would lead to a corresponding reduction in UBS's equity and fully applied common equity tier 1 ("CET1") capital.

UBS is subject to risk from currency fluctuations: UBS currently prepares its consolidated financial statements in Swiss francs. However, a substantial portion of its assets, liabilities, invested assets, revenues and expenses, equity of foreign operations and risk-weighted assets ("RWA") are denominated in US dollars, euros, British pounds and in other foreign currencies. Accordingly, changes in foreign exchange rates may adversely affect UBS's profits, balance sheet, including deferred tax assets, and capital, leverage and liquidity ratios. In particular, the portion of UBS's operating income denominated in non-Swiss franc currencies is greater than the portion of operating expenses denominated in non-Swiss franc currencies. Therefore, the appreciation of the Swiss franc against other currencies generally has an adverse effect on UBS's profits, in the absence of any mitigating actions.

In order to hedge UBS's CET1 capital ratio, CET1 capital needs to have foreign currency exposure, leading to currency sensitivity of CET1 capital. As a consequence, it is not possible to simultaneously fully hedge both the amount of capital and the capital ratio. As the proportion of RWA denominated in non-Swiss franc currencies outweighs the capital in these currencies, a significant appreciation of the Swiss franc against these currencies could benefit UBS's capital ratios, while a significant depreciation of the Swiss franc against these currencies could adversely affect its capital ratios.

Effective 1 October 2018 and as required by IAS 21, "The Effects of Changes in Foreign Exchange Rates", the functional currency of UBS Group AG and UBS AG's Head Office in Switzerland has changed from Swiss francs to US dollars and the functional currency of UBS AG's London Branch operations has changed from British pounds to US dollars. In line with these changes, the presentation currency of UBS Group AG's and UBS AG's consolidated financial statements will change from Swiss francs to US dollars effective with UBS's fourth

quarter 2018 reporting. Following these changes, UBS will continue to be subject to risk from currency fluctuations."

In the section "1. Issuer specific Risks" in the paragraph headed "Substantial changes in the regulation of UBS's businesses may adversely affect its business and UBS's ability to execute its strategic plans" the first paragraph is completely replaced as follows:

"Fundamental changes in the laws and regulations affecting financial institutions can have a material and adverse effect on UBS's business. Following the 2007–2009 financial crisis, regulators and legislators have adopted a wide range of changes to the laws, regulations and supervisory frameworks applicable to banks intended to address the perceived causes of the crisis and to limit the systemic risks posed by major financial institutions. These changes have caused UBS to make significant changes in its businesses and strategy and to move significant operations into subsidiaries to improve resolvability or meet regulatory requirements, resulting in substantial implementation costs, increased UBS's capital and funding costs and reduced operational flexibility. Although many of the regulatory changes have been completed, a number of these changes are being phased in over time or require further rulemaking or guidance for implementation, and certain changes are still under consideration. There remains significant uncertainty regarding a number of these changes."

In the section "1. Issuer specific Risks" the paragraph headed "UK withdrawal from the EU" is completely replaced as follows:

"UK withdrawal from the EU

UBS has planned its response to the UK withdrawal from the EU assuming that the UK will leave the EU in March 2019 and that any transition arrangements will only become legally binding close to the exit date. Given the continuing uncertainty on transition arrangements and the potential future restrictions on providing financial services into the EU from the UK, UBS is in the process of obtaining regulatory approvals for the merger of UBS Limited, UBS UK-headquartered subsidiary, into UBS Europe SE, UBS German-headquartered European subsidiary. Following completion of the merger, UBS expects that UBS Europe SE will become subject to direct supervision by the European Central Bank.

As reported in the Annual Report 2017, certain clients and other counterparties of UBS Limited would become clients or counterparties of UBS Europe SE through a business transfer proceeding and the merger of the two entities. UBS has now commenced the business transfer proceeding in the UK to facilitate the transfer of client business as well as the cross-border merger proceeding. UBS currently expects the business transfer and merger to become effective in the first quarter of 2019, prior to the UK leaving the EU at the end of March 2019.

UBS anticipates that clients and other counterparties of UBS Limited who can be serviced by UBS AG, London Branch generally will be migrated to UBS AG, London Branch in the fourth quarter of 2018 and prior to the merger of UBS Limited and UBS Europe SE. In connection with the merger, a small number of roles will be relocated from the UK to other European locations. UBS also expects to increase the loss-absorbing capacity of UBS Europe SE to reflect the additional activities it would acquire. The timing and extent of any actions UBS takes may vary considerably from its current plan depending on regulatory requirements and the nature of any transition or successor agreements between the UK and the EU."

In the section "1. Issuer specific Risks" the paragraph headed "The effect of taxes on UBS's financial results is significantly influenced by tax law changes and reassessments of its deferred tax assets" is completely replaced as follows:

"The effect of taxes on UBS's financial results is significantly influenced by tax law changes and reassessments of its deferred tax assets

UBS's effective tax rate is highly sensitive to its performance, its expectation of future profitability and statutory tax rates. Based on prior years' tax losses, UBS has recognised deferred tax assets ("DTAs") reflecting the probable recoverable level based on future taxable profit as informed by its business plans. If UBS's performance is expected to produce diminished taxable profit in future years, particularly in the US, UBS may be required to write down all or a portion of the currently recognised DTAs through the income statement. This would have the effect of increasing its effective tax rate in the year in which any writedowns are taken. Conversely, if its performance is expected to improve, particularly in the US or the UK, UBS could potentially recognise additional DTAs as a result of that assessment. The effect of doing so would be to significantly reduce UBS's effective tax rate in years in which additional DTAs are recognized and to increase its effective tax rate in future years. UBS's effective tax rate is also sensitive to any future reductions in statutory tax rates, particularly in the US and Switzerland, which would cause the expected future tax benefit from items such as tax loss carry-forwards in the affected locations to diminish in value. This in turn would cause a write-down of the associated DTAs. For example, the reduction in the US federal corporate tax rate to 21% from 35% introduced by the US Tax Cuts and Jobs Act ("TCJA") resulted in a CHF 2.9 billion net write-down in the Group's DTAs in the fourth quarter of 2017. Changes in tax law may materially affect UBS's effective tax rate and in some cases may substantially affect the profitability of certain activities. For example, the TCJA introduced a new minimum tax regime referred to as the base erosion and anti-abuse tax ("BEAT") that potentially subjects otherwise deductible payments made from UBS's US businesses to non-US affiliated parties to a minimum tax.

UBS generally revalues its DTAs in the second half of the financial year based on a reassessment of future profitability taking into account updated business plan forecasts. UBS considers the performance of its businesses and the accuracy of historical forecasts tax rates and other factors in evaluating the recoverability of UBS's DTAs, including the remaining tax loss carry-forward period and UBS's assessment of expected future taxable profits in the forecast period used for recognizing DTAs. Estimating future profitability is inherently subjective and is particularly sensitive to future economic, market and other conditions, which are difficult to predict. UBS's results in recent periods have demonstrated that changes in the recognition of DTAs can have a very significant effect on its reported results. Any future change in the manner in which UBS remeasures DTAs could impact the effective tax rate, particularly in the year in which the change is made.

UBS's full-year effective tax rate could also change if aggregate tax expenses in respect of profits from branches and subsidiaries without loss coverage differ from what is expected, or in case of changes to the forecast period used for DTA recognition purposes as part of the aforementioned reassessment of future profitability. Moreover, tax laws or the tax authorities in countries where UBS has undertaken legal structure changes may prevent the transfer of tax losses incurred in one legal entity to newly organised or reorganised subsidiaries or affiliates or may impose limitations on the utilisation of tax losses that relate to businesses formerly conducted by the transferor. Were this to occur in situations where there were also limited planning opportunities to utilise the tax losses in the originating entity, the DTAs associated with such tax losses could be written down through the income statement.

In addition, statutory and regulatory changes, as well as changes to the way in which courts and tax authorities interpret tax laws, could cause the amount of taxes ultimately paid by UBS to materially differ from the amount accrued."

In the section "1. Issuer specific Risks" the paragraph headed "Risks related to "benchmarks"" is renamed and completely replaced as follows:

"Discontinuance of, or changes to, benchmark rates may require adjustments to agreements by UBS, its clients and other market participants, as well as to UBS's systems and processes

Since April 2013, the U.K. Financial Conduct Authority ("**FCA**") has regulated the LIBOR and regulators in other jurisdictions have increased oversight of other interbank offered rates ("**IBORs**") and similar "benchmark" rates. Efforts to transition from IBORs to alternative benchmark rates are under way in several jurisdictions. The FCA announced in July 2017 that it will not continue beyond 2021 to regulate LIBOR or take other actions to sustain LIBOR, and urged users to plan the transition to alternative reference rates. As a result, there can be no guarantee that LIBOR will be determined after 2021 on the same basis at present, if at all.

In the third quarter of 2018, the working group on euro risk-free rates recommended ESTER (euro short-term rate) as the replacement for EONIA (Euro OverNight Index Average), which will be prohibited by the EU Benchmark Regulation after 1 January 2020. Futures contracts referenced to the Secured Overnight Financing Rate (SOFR), the recommended successor to US dollar LIBOR, began trading on the Chicago Mercantile Exchange. The Bank of England consulted on the development of Term SONIA (Sterling Overnight Index Average) Reference Rates, which are expected to become available in the second half of 2019. The International Swaps and Derivatives Association, as part of a Financial Conduct Authority ("FCA") mandate, consulted on preferred options for LIBOR transition fallbacks for derivatives. The FCA and the Prudential Regulation Authority have written to the CEOs of banks and insurance companies in the UK, including UBS, seeking assurance that senior managers and boards understand the risks associated with the transition away from IBOR and are taking appropriate preparatory action to transition to alternative rates before the end of 2021. In July 2018, the International Swaps and Derivatives Association launched a market-wide consultation on technical issues related to new benchmark fallbacks for derivatives contracts that reference certain IBORs.

At this time, it is not possible to predict the effect of any such changes, any establishment of alternative reference rates or any other reforms to IBORs that may be implemented in the United Kingdom or elsewhere. UBS has a substantial number of contracts linked to IBOR. Discontinuance of, or changes to, benchmark rates as a result of these developments or other initiatives or investigations, as well as uncertainty as to the timing and manner of implementation of such changes or discontinuance, may require adjustments to agreements by UBS, its clients and other market participants, as well as to UBS's systems and processes."

In the section "2. Security specific Risks", the subsection entitled "6. UBS has announced its intention to make certain structural changes in light of regulatory trends and requirements and the Conditions of the Securities do not contain any restrictions on the Issuer's or UBS's ability to restructure its business" is completely replaced as follows:

"6. UBS has announced its intention to make certain structural changes in light of regulatory trends and requirements and the Conditions of the Securities do not contain any restrictions on the Issuer's or UBS's ability to restructure its business

In 2014, UBS began adapting its legal entity structure to improve the resolvability of the Group in response to too big to fail requirements in Switzerland and recovery and resolution regulation in other countries in which the Group operates. In December 2014, UBS Group AG became the holding company of the Group.

In 2015, UBS AG transferred its Personal & Corporate Banking and Wealth Management businesses booked in Switzerland to the newly established UBS Switzerland AG, a banking subsidiary of UBS AG in Switzerland. In 2016, UBS Americas Holding LLC was designated as the intermediate holding company for UBS's US subsidiaries and UBS merged its Wealth Management subsidiaries in various European countries into UBS Europe SE, UBS's German-

headquartered European subsidiary. Additionally, UBS transferred the majority of Asset Management's operating subsidiaries to UBS Asset Management AG.

UBS Business Solutions AG, a wholly owned subsidiary of UBS Group AG, was established in 2015 and acts as the Group service company. In 2017, UBS's shared services functions in Switzerland and the UK were transferred from UBS AG to UBS Business Solutions AG. UBS also completed the transfer of shared services functions in the US to its US service company, UBS Business Solutions US LLC, a wholly owned subsidiary of UBS Americas Holding LLC.

In 2015, UBS implemented a more self-sufficient business and operating model for UBS Limited, UBS's investment banking subsidiary in the UK. Given the continuing uncertainty on transition arrangements and the potential future restrictions on providing financial services into the EU from the UK, UBS is in the process of obtaining regulatory approvals for the merger of UBS Limited into UBS Europe SE. The timing and extent of the actions UBS takes may vary considerably from its current plan depending on regulatory requirements and the nature of any transition or successor agreements between the UK and the EU.

UBS continues to consider further changes to the Group's legal structure in response to regulatory requirements and other external developments. Such changes may include further consolidation of operating subsidiaries in the EU, and adjustments to the booking entity or location of products and services.

The Conditions of the Securities contain no restrictions on change of control events or structural changes, such as consolidations or mergers or demergers of the Issuer or the sale, assignment, spin-off, contribution, distribution, transfer or other disposal of all or any portion of the Issuer's or its subsidiaries' properties or assets in connection with the announced changes to its legal structure or otherwise and no event of default, requirement to repurchase the Securities or other event will be triggered under the Conditions of the Securities as a result of such changes. There is the risk that such changes, should they occur, would adversely affect the credit rating of the Issuer and/or increase the likelihood of the occurrence of an event of default. Such changes, should they occur, may adversely affect the Issuer's ability to redeem or pay interest on the Securities and/or lead to circumstances in which the Issuer may elect to cancel such interest (if applicable)."

In the section "I. INFORMATION ABOUT UBS AG" the following changes are made:

In the section "1. General Information on UBS AG" the second and the third paragraph is completely replaced by the following text:

"On 30 September 2018, UBS Group's common equity tier 1 ("**CET1**") capital ratio was 13.5%, the CET1 leverage ratio was 3.80%, the total loss-absorbing capacity ratio was 31.8% on a fully applied basis, and the total loss-absorbing capacity leverage ratio was 8.9% on a fully applied basis. On the same date, invested assets stood at CHF 3,267 billion, equity attributable to shareholders was CHF 51,122 million and market capitalisation was CHF 59,754 million. On the same date, UBS employed 65,556 people².

On 30 September 2018, UBS AG consolidated CET1 capital ratio was 13.7%, the CET1 leverage ratio was 3.83%, the total loss-absorbing capacity ratio was 31.3% on a fully applied basis, and the total loss-absorbing capacity leverage ratio was 8.8% on a fully applied basis.¹ On the same date, invested assets stood at CHF 3,267 billion and equity attributable to UBS AG shareholders was CHF 50,136 million. On the same date, UBS AG Group employed 47,091 people²."

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All figures based on the Basel III framework as applicable to Swiss systemically relevant banks. Refer to the "Capital management" section of the Annual Report 2017, the UBS Group Third Quarter 2018 Report and the UBS AG Third Quarter 2018 Report, as defined herein, for more information.

Full-time equivalents.

In the section "2. Business Overview" the paragraph headed "Corporate Center" is completely replaced as follows:

"Corporate Center

Corporate Center provides services to the Group through the reporting units Corporate Center – Services and Group Asset and Liability Management ("Group ALM"). Corporate Center also includes the Non-core and Legacy Portfolio unit. Services consists of the Group Chief Operating Officer area (Group Corporate Services, Group Human Resources, Group Operations, Group Sourcing and Group Technology), Group Finance (excluding Group ALM), Group Legal, Group Risk Control, Group Communications & Branding, Group Regulatory & Governance, and UBS in Society. Group ALM manages the structural risks of UBS's balance sheet, including interest rate risk in the banking book, currency risk and collateral risk, as well as the risks associated with the Group's liquidity and funding portfolios. Group ALM also seeks to optimize the Group's financial performance by matching assets and liabilities within the context of the Group's liquidity, funding and capital targets and constraints. Group ALM serves all business divisions and other Corporate Center units through three main risk management areas, and its risk management is fully integrated into the Group's risk governance framework. Non-core and Legacy Portfolio manages legacy positions from businesses exited by the Investment Bank, and is overseen by a committee chaired by the Group Chief Risk Officer."

In the section "2. Business Overview" the paragraph entitled "Recent Developments" is completely replaced as follows:

"Recent Developments

1. UBS AG consolidated key figures

UBS AG derived the selected consolidated financial information included in the table below for the years ended 31 December 2017, 2016 and 2015 from the Annual Report 2017, which contains the audited consolidated financial statements of UBS AG, as well as additional unaudited consolidated financial information, for the year ended 31 December 2017 and comparative figures for the years ended 31 December 2016 and 2015. The selected consolidated financial information included in the table below for the nine months ended 30 September 2018 and 30 September 2017 was derived from the UBS AG third quarter 2018 report, published on 31 October 2018 ("UBS AG Third Quarter 2018 Report"), which contains the UBS AG interim consolidated financial statements (unaudited), as well as additional unaudited consolidated financial information, for the nine months ended 30 September 2018 and comparative figures for the nine months ended 30 September 2017.

The consolidated financial statements were prepared in accordance with International Financial Reporting Standards ("**IFRS**") issued by the International Accounting Standards Board ("**IASB**") and are stated in Swiss francs ("**CHF**"). Information for the years ended 31 December 2017, 2016 and 2015 which is indicated as being unaudited in the table below was included in the Annual Report 2017, but has not been audited on the basis that the respective disclosures are not required under IFRS, and therefore are not part of the audited financial statements. The Annual Report 2017 (to the extent indicated in the section "L. General Information – 7. Documents incorporated by Reference" of this Base Prospectus) and the UBS AG Third Quarter 2018 Report are incorporated by reference herein.

The section "Measurement of performance" of the Annual Report 2017 contains an explanation of the use by UBS Group AG of the information contained under the heading "Key performance indicators" in the table below and the definitions of each of these key performance indicators. Refer also to the respective footnotes for information on the definition and the reason for the use of these key performance indicators, except those disclosed in accordance with applicable legislation, and of the metrics under the heading "Additional information - Profitability" in the table below.

Prospective investors should read the whole of this Prospectus and the information incorporated by reference herein and should not rely solely on the summarized information set out below:

	As of or for the r		As of or for the year ended			
CHF million, except where indicated	30.9.18 30.9.17		31.12.17	31.12.16	31.12.15	
	unaudi	ted	audited, e	except where inc	dicated	
Results						
Operating income	22,839	22,237	29,479	28,421	30,605	
Operating expenses	17,971	17,993	24,481	24,352	25,198	
Operating profit / (loss) before tax	4,868	4,244	4,998	4,069	5,407	
Net profit / (loss) attributable to shareholders	3,690	3,257	845	3,207	6,235	
Key performance indicators						
Profitability and growth						
Return on tangible equity (%) ¹	11.3	9.6	2.0*	6.9*	13.5*	
Cost / income ratio (%) ²	78.5	80.8	82.7*	85.6*	82.0*	
Net profit growth (%) ³	13.3	26.8	(73.7)*	(48.6)*	78.0*	
Resources				-		
Common equity tier 1 capital ratio (%) ^{4, 5}	13.7	14.0	14.0*	14.5*	15.4*	
Common equity tier 1 leverage ratio (%) ⁶	3.83	3.76	3.7*	3.7*	3.6	
			454			
Going concern leverage ratio (%) 7,8	4.6	4.2	4.2*	4.2*		
Going concern leverage ratio (%) 7,8 Additional information Profitability	4.6	4.2	4.2*	4.2*	_	
Additional information	9.8	8.3	1.6*	5.9*	11.7*	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10			1.6*		11.7*	
Additional information Profitability Return on equity (%) 9	9.8	8.3	1.6*	5.9*		
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10	9.8 12.2 3.4	8.3 12.9 3.4	1.6*	5.9* 13.2* 3.2*		
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11	9.8	8.3	1.6*	5.9* 13.2*	14.3*	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders	9.8 12.2 3.4	8.3 12.9 3.4	1.6* 12.8* 3.4*	5.9* 13.2* 3.2*	14.3* 943,256	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5	9.8 12.2 3.4 933,091	8.3 12.9 3.4	1.6* 12.8* 3.4*	5.9* 13.2* 3.2*	943,256 55,248	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders	9.8 12.2 3.4 933,091 50,136	8.3 12.9 3.4 914,551 53,246	1.6* 12.8* 3.4* 916,363 50,718	5.9* 13.2* 3.2* 935,353 53,662	943,256 55,248 32,042	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5 Risk-weighted assets 5	9.8 12.2 3.4 933,091 50,136 34,392	8.3 12.9 3.4 914,551 53,246 33,337	1.6* 12.8* 3.4* 916,363 50,718 33,240	5.9* 13.2* 3.2* 935,353 53,662 32,447	943,256 55,248 32,042	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5 Risk-weighted assets 5 Going concern capital ratio (%) 8	9.8 12.2 3.4 933,091 50,136 34,392 251,428	8.3 12.9 3.4 914,551 53,246 33,337 237,322	1.6* 12.8* 3.4* 916,363 50,718 33,240 236,606*	5.9* 13.2* 3.2* 935,353 53,662 32,447 223,232*	943,256 55,248 32,042	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5 Risk-weighted assets 5 Going concern capital ratio (%) 8 Total loss-absorbing capacity ratio (%) 8 Leverage ratio denominator 12	9.8 12.2 3.4 933,091 50,136 34,392 251,428 16.5	8.3 12.9 3.4 914,551 53,246 33,337 237,322 15.6 31.5 885,896	1.6* 12.8* 3.4* 916,363 50,718 33,240 236,606* 15.6* 31.4* 887,189*	5.9* 13.2* 3.2* 935,353 53,662 32,447 223,232* 16.3*	943,256 55,248 32,042 208,186	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5 Risk-weighted assets 5 Going concern capital ratio (%) 8 Total loss-absorbing capacity ratio (%) 8 Leverage ratio denominator 12	9.8 12.2 3.4 933,091 50,136 34,392 251,428 16.5 31.3	8.3 12.9 3.4 914,551 53,246 33,337 237,322 15.6 31.5	1.6* 12.8* 3.4* 916,363 50,718 33,240 236,606* 15.6* 31.4*	5.9* 13.2* 3.2* 935,353 53,662 32,447 223,232* 16.3* 29.6*	943,256 55,248 32,042 208,186*	
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5	9.8 12.2 3.4 933,091 50,136 34,392 251,428 16.5 31.3 898,894	8.3 12.9 3.4 914,551 53,246 33,337 237,322 15.6 31.5 885,896	1.6* 12.8* 3.4* 916,363 50,718 33,240 236,606* 15.6* 31.4* 887,189*	5.9* 13.2* 3.2* 935,353 53,662 32,447 223,232* 16.3* 29.6* 870,942*		
Additional information Profitability Return on equity (%) 9 Return on risk-weighted assets, gross (%) 10 Return on leverage ratio denominator, gross (%) 11 Resources Total assets Equity attributable to shareholders Common equity tier 1 capital 5 Risk-weighted assets 5 Going concern capital ratio (%) 8 Total loss-absorbing capacity ratio (%) 8 Leverage ratio denominator 12 Total loss-absorbing capacity leverage ratio (%) 8	9.8 12.2 3.4 933,091 50,136 34,392 251,428 16.5 31.3 898,894	8.3 12.9 3.4 914,551 53,246 33,337 237,322 15.6 31.5 885,896	1.6* 12.8* 3.4* 916,363 50,718 33,240 236,606* 15.6* 31.4* 887,189*	5.9* 13.2* 3.2* 935,353 53,662 32,447 223,232* 16.3* 29.6* 870,942*	943,256 55,248 32,042 208,186*	

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¹ Net profit attributable to shareholders before amortization and impairment of goodwill and intangible assets (annualized as applicable) / average equity attributable to shareholders less average goodwill and intangible assets. This metric provides information on the profitability of the business in relation to tangible equity.

² Operating expenses / operating income before credit loss (expense) or recovery. This metric provides information on the efficiency of the business by comparing operating expenses with gross income.

³ Change in net profit attributable to shareholders from continuing operations between current and comparison periods / net profit

attributable to shareholders from continuing operations of comparison period. This metric provides information on profit growth in comparison with prior period.

- ⁴ Common equity tier 1 capital / risk-weighted assets.
- ⁵ Based on the Basel III framework as applicable to Swiss systemically relevant banks ("SRB").
- ⁶ Common equity tier 1 capital / leverage ratio denominator. From 31 December 2015 onward, the leverage ratio denominator calculation is aligned with the Basel III rules.
- ⁷ Total going concern capital / leverage ratio denominator.
- ⁸ Based on the Swiss SRB rules as of 1 January 2020 according to the revised Swiss SRB framework that became effective 1 July 2016. Figures for prior periods are not available.
- ⁹ Net profit attributable to shareholders (annualized as applicable) / average equity attributable to shareholders. This metric provides information on the profitability of the business in relation to equity.
- ¹⁰ Operating income before credit loss (annualized as applicable) / average fully applied risk-weighted assets. This metric provides information on the revenues of the business in relation to risk-weighted assets.
- ¹¹ Operating income before credit loss (annualized as applicable) / average fully applied leverage ratio denominator. From 31 December 2015 onward, the leverage ratio denominator calculation is aligned with the Basel III rules. For periods prior to 31 December 2015 the leverage ratio denominator is calculated in accordance with former Swiss SRB rules. Therefore the figure for the period ended on 31 December 2015 is not presented as it is not available on a fully comparable basis. This metric provides information on the revenues of the business in relation to leverage ratio denominator.
- 12 From 31 December 2015 onward, the leverage ratio denominator calculation is aligned with the Basel III rules.
- ¹³ Includes invested assets for Personal & Corporate Banking.

2. Accounting, Regulatory and legal developments

UBS will contest RMBS civil complaint filed by United States Department of Justice

The DOJ filed a civil complaint on 8 November 2018 in the U.S. District Court for the Eastern District of New York related to UBS's issuance, underwriting and sale of RMBS more than a decade ago. The complaint seeks unspecified monetary civil penalties under FIRREA regarding transactions that date back to 2006 and 2007.

Adoption of IFRS 9

Effective 1 January 2018, UBS adopted IFRS 9, Financial Instruments. The adoption of IFRS 9 resulted in changes to the classification and measurement of certain financial instruments, which have been applied prospectively from 1 January 2018.

Changes to UBS functional and presentation currencies

Effective 1 October 2018 and as required by IAS 21, *The Effects of Changes in Foreign Exchange Rates*, the functional currency of UBS Group AG and UBS AG's Head Office in Switzerland has changed from Swiss francs to US dollars and the functional currency of UBS AG's London Branch operations has changed from British pounds to US dollars. In line with these changes, the presentation currency of UBS Group AG's and UBS AG's consolidated financial statements will change from Swiss francs to US dollars. Prior periods will be restated for this presentation currency change, with assets, liabilities and total equity converted to US dollars at historic closing exchange rates prevailing on the respective balance sheet dates, and income and expenses translated at the respective average rates prevailing for the relevant periods. There will be no material changes to prior-period profit and loss or total equity attributable to UBS shareholders. The restated historical financial data time series is available under "Quarterly reporting — Time series & spreadsheets" at www.ubs.com/investors.

Beginning with UBS's fourth quarter 2018 report, financial information will be presented in US dollars. In addition, UBS will continue to provide select financial and regulatory information in Swiss francs as part of its quarterly and annual reporting.

UBS expects that these functional and presentation currency changes, together with related changes to its risk management framework and certain hedging programs, should increase UBS Group reported net interest income by approximately USD 0.3 billion annually. Based on UBS's US dollar balance sheet as of mid-October 2018, post implementation of the presentation and functional currency changes and related hedging activities, UBS estimates that a parallel +100 basis point shift in yield curves would result in a combined increase in

annual net interest income of Global Wealth Management and Personal & Corporate Banking of approximately USD 0.6 billion, or USD 0.1 billion higher compared with the sensitivity as of 30 September 2018. The sensitivity of shareholders' equity to such a shift in yield curves continues to be estimated as a decrease of approximately USD 1.9 billion recognized in Other comprehensive income ("**OCI**").

UBS estimates that, under a US dollar functional and presentation currency, a 10% depreciation of the US dollar against other currencies would reduce its CET1 capital ratio by 7 basis points and UBS's Swiss SRB going concern leverage ratio by 14 basis points. Conversely, UBS estimates that a 10% appreciation of the US dollar against other currencies would increase its CET1 capital ratio by 7 basis points and UBS's Swiss SRB going concern leverage ratio by 15 basis points.

The aforementioned estimates are calculated based on UBS's estimated US dollar balance sheet as of mid-October 2018 post implementation of the functional and presentation currency changes and related hedging activities.

Expected changes in methodology for deferred tax assets

Following the reduction in the US federal corporate tax rate to 21% from 35%, which was included in the Tax Cuts and Jobs Act enacted in the fourth quarter of 2017, and the reduction in timeframe between the end of our seven-year profit forecast period and the expiry of our US tax losses carried forward, UBS is reviewing its approach to the remeasurement of its US DTAs and the timing for recognizing deferred taxes in UBS's income statement. As a result of this review, which is ongoing and will depend in part on legal entity business plans that are expected to be finalized shortly, UBS expects to remeasure its US operations-related DTAs in Switzerland and in the US during the fourth quarter of 2018. These remeasurements are expected to include changes in recognized tax loss and temporary difference DTAs in respect of US profits, including the elimination of the seven-year profit forecast period limit for the tax loss DTAs related to UBS Americas Inc. However, these changes are anticipated to have a limited net effect on the tax expense and no effect on CET1 capital in the fourth quarter of 2018. As a result of the review, it is anticipated that US tax loss DTAs will begin to be amortized with effect from 1 January 2019.

Adoption of Swiss corporate tax reform

In September 2018, the Swiss Parliament adopted corporate tax reform measures, previously known as Tax Proposal 17, that abolish preferential corporate tax treatment for holding companies and introduce a series of tax measures that are aligned to Organisation for Economic Co-operation and Development (OECD) standards, aiming to maintain Switzerland's competitiveness as a business location. The measures include an optional relief on capital tax that compensates for the proposed elimination of the current preferential holding company capital tax rate. In addition, the cantonal share of direct federal tax revenue will be increased, giving the cantons leeway to reduce their cantonal corporate income tax rate. If a referendum is not called, most measures will take effect in 2020, with some measures already taking effect in early 2019. The changes would increase UBS's tax liability in Switzerland by a modest amount; the changes in cantonal tax rates, if enacted, would be expected to largely offset such increase.

UK withdrawal from the EU

UBS has planned its response to the UK withdrawal from the EU assuming that the UK will leave the EU in March 2019 and that any transition arrangements will only become legally binding close to the exit date. Given the continuing uncertainty on transition arrangements and the potential future restrictions on providing financial services into the EU from the UK, UBS is in the process of obtaining regulatory approvals for the merger of UBS Limited, UBS UK-headquartered subsidiary, into UBS Europe SE, UBS German-headquartered European subsidiary. Following completion of the merger, UBS expects that UBS Europe SE will become subject to direct supervision by the European Central Bank.

As reported in the Annual Report 2017, certain clients and other counterparties of UBS Limited would become clients or counterparties of UBS Europe SE through a business transfer proceeding and the merger of the two entities. UBS has now commenced the business transfer proceeding in the UK to facilitate the transfer of client business as well as the cross-border merger proceeding. UBS currently expects the business transfer and merger to become effective in the first quarter of 2019, prior to the UK leaving the EU at the end of March 2019.

UBS anticipates that clients and other counterparties of UBS Limited who can be serviced by UBS AG, London Branch generally will be migrated to UBS AG, London Branch in the fourth quarter of 2018 and prior to the merger of UBS Limited and UBS Europe SE. In connection with the merger, a small number of roles will be relocated from the UK to other European locations. UBS also expects to increase the loss-absorbing capacity of UBS Europe SE to reflect the additional activities it would acquire. The timing and extent of any actions UBS takes may vary considerably from its current plan depending on regulatory requirements and the nature of any transition or successor agreements between the UK and the EU.

Developments related to the transition away from IBOR

Efforts to transition from the interbank offered rate ("**IBOR**") benchmarks to alternative benchmark rates are continuing. The following key developments took place in the third quarter of 2018.

- The working group on euro risk-free rates recommended ESTER (euro short-term rate) as the replacement for EONIA (Euro OverNight Index Average), which will be prohibited by the EU Benchmark Regulation after 1 January 2020.
- Futures contracts referenced to the Secured Overnight Financing Rate (SOFR), the recommended successor to US dollar LIBOR (London Interbank Offered Rate), began trading on the Chicago Mercantile Exchange.
- The Bank of England consulted on the development of Term SONIA (Sterling Overnight Index Average) Reference Rates, which are expected to become available in the second half of 2019.
- The International Swaps and Derivatives Association, as part of a Financial Conduct Authority ("**FCA**") mandate, consulted on preferred options for LIBOR transition fallbacks for derivatives.

The FCA and the Prudential Regulation Authority have written to the CEOs of banks and insurance companies in the UK, including UBS, seeking assurance that senior managers and boards understand the risks associated with the transition away from IBOR and are taking appropriate preparatory action to transition to alternative rates before the end of 2021.

UBS has a substantial number of contracts linked to IBOR and has established a cross-divisional, cross-regional governance structure and change program to address the scale and complexity of the transition from 2018 to 2021.

Increase in stake in UBS Securities China

As disclosed in the Second Quarter 2018 Report (as defined herein), UBS submitted a preliminary application in May 2018 to increase its shareholding in its China affiliate, UBS Securities Co. Limited ("UBSS"), from 24.99% to 51%. The transaction is subject to completion of a share purchase from existing shareholders and regulatory approval. If it acquires majority ownership, UBS expects to consolidate UBSS under International Financial Reporting Standards ("IFRS") and remeasure its current 24.99% holding at fair value, resulting in an estimated loss of CHF 0.3 billion in Corporate Center – Services if the disclosed offer prices are accepted. The loss will be treated as an adjusting item. UBS's CET1 capital should not be materially affected as the loss is expected to be largely offset by the release of a capital deduction for goodwill included with the initial stake.

Worldline to acquire SIX Payment Services

On 15 May 2018, SIX and Worldline signed a binding agreement to enter into a strategic partnership in the cards business. Under the agreement, SIX will transfer its existing cards business to Worldline and receive a 27% stake in Worldline. The transaction is currently expected to close in the fourth quarter of 2018. When the transaction closes, UBS expects to recognize in the income statement a share of the gain recognized by SIX proportional to UBS's 17.31% equity ownership in SIX, estimated at CHF 0.4 billion subject to Worldline's share price upon closing. The gain, of which approximately 80% will be reflected in Personal & Corporate Banking and approximately 20% in Global Wealth Management, will be treated as an adjusting item. For CET1 capital, the gain may be offset by related capital deductions.

IFRS 16, Leases

UBS will adopt IFRS 16, *Leases* on 1 January 2019, fundamentally changing how UBS accounts for operating leases when acting as a lessee. UBS expects assets and liabilities to increase by approximately CHF 4 billion upon adoption with a corresponding increase in risk-weighted assets ("**RWA**") and leverage ratio denominator ("**LRD**"), with associated modest effects on capital and leverage ratios.

<u>Changes in Corporate Center cost allocations and equity attribution to business divisions as</u> of the first quarter of 2019

In order to align Group and divisional performance, UBS will adjust its methodology for the allocation of Corporate Center expenses, funding costs and balance sheet to the business divisions. In aggregate, this will result in an increase of approximately CHF 0.7 billion in Corporate Center retained profit, offset by higher allocations to the business divisions, and lead to approximately a 2 percentage point increase in business division adjusted cost / income ratios.

Following these changes, the retained loss in Corporate Center – Services will primarily reflect funding costs for deferred tax assets, costs relating to UBS's legal entity transformation program and other costs not attributable to or representative of the performance of the business divisions. Furthermore, Corporate Center will allocate approximately CHF 90 billion of additional LRD, and associated RWA, from Corporate Center – Group ALM to business divisions. This is incremental to the existing LRD and RWA allocations from Corporate Center – Group ALM to the business divisions. With this methodology update and further changes to UBS's equity attribution framework, UBS expects to allocate approximately CHF 7 billion of additional attributed equity to the business divisions, of which CHF 3 billion will be allocated to the Investment Bank. The remaining attributed equity retained in Corporate Center will primarily relate to deferred tax assets and dividend accruals. All of these changes will be effective 1 January 2019 and UBS will provide restated prior-period information.

Changes in Corporate Center segment reporting

Effective 1 January 2019, UBS will no longer separately assess the performance of Corporate Center – Non-core and Legacy Portfolio as a result of its substantially reduced size and resource consumption. Following this change, and in line with IFRS 8, *Operating Segments*, UBS will include the results of Corporate Center – Non-core and Legacy Portfolio with Corporate Center – Services. Prior-period information will be restated.

Refer to the "Recent developments" section of the UBS Group AG third quarter 2018 report published on 25 October 2018 ("UBS Group Third Quarter 2018 Report") and the "Note 1 Basis of accounting" and "Note 18 Transition to IFRS 9 as of 1 January 2018" to the "Consolidated financial statements" section of the UBS AG Third Quarter 2018 Report, as well as to "IFRS 9, Financial Instruments" and "IFRS 15, Revenue from Contracts with Customers" in the "Significant accounting and financial reporting changes in 2018" section of the Annual Report 2017 for further information on key accounting, regulatory and legal developments."

The section "3. Organisational Structure of the Issuer" is completely replaced as follows:

"3. Organisational Structure of the Issuer

UBS AG is a Swiss bank and the parent company of the UBS AG Group. It is 100% owned by UBS Group AG, which is the holding company of the UBS Group. UBS operates as a group with four business divisions and a Corporate Center.

In 2014, UBS began adapting its legal entity structure to improve the resolvability of the Group in response to too big to fail requirements in Switzerland and recovery and resolution regulation in other countries in which the Group operates. In December 2014, UBS Group AG became the holding company of the Group.

In 2015, UBS AG transferred its Personal & Corporate Banking and Wealth Management businesses booked in Switzerland to the newly established UBS Switzerland AG, a banking subsidiary of UBS AG in Switzerland. In 2016, UBS Americas Holding LLC was designated as the intermediate holding company for UBS's US subsidiaries and UBS merged its Wealth Management subsidiaries in various European countries into UBS Europe SE, UBS's Germanheadquartered European subsidiary. Additionally, UBS transferred the majority of Asset Management's operating subsidiaries to UBS Asset Management AG.

UBS Business Solutions AG, a wholly owned subsidiary of UBS Group AG, was established in 2015 and acts as the Group service company. In 2017, UBS's shared services functions in Switzerland and the UK were transferred from UBS AG to UBS Business Solutions AG. UBS also completed the transfer of shared services functions in the US to its US service company, UBS Business Solutions US LLC, a wholly owned subsidiary of UBS Americas Holding LLC.

In 2015, UBS implemented a more self-sufficient business and operating model for UBS Limited, UBS's investment banking subsidiary in the UK. Given the continuing uncertainty on transition arrangements and the potential future restrictions on providing financial services into the EU from the UK, UBS is in the process of obtaining regulatory approvals for the merger of UBS Limited into UBS Europe SE. The timing and extent of the actions UBS takes may vary considerably from its current plan depending on regulatory requirements and the nature of any transition or successor agreements between the UK and the EU.

Following the announcement by the China Securities Regulatory Commission that foreign investors will be permitted to increase their ownership percentages in China affiliates to a cap of 51%, and may be allowed to increase their ownership up to 100% in 2021, UBS submitted in May 2018 a preliminary application to increase the shareholding in its China affiliate, UBS Securities Co. Limited, from 24.99% to 51%. The transaction is subject to completion of a share purchase from existing shareholders and regulatory approval.

UBS continues to consider further changes to the Group's legal structure in response to regulatory requirements and other external developments. Such changes may include further consolidation of operating subsidiaries in the EU, and adjustments to the booking entity or location of products and services. Refer to "Risk Factors - UBS has announced its intention to make certain structural changes in light of regulatory trends and requirements and the Terms and Conditions do not contain any restrictions on the Issuer's or UBS's ability to restructure its business" above.

UBS Group AG's interests in subsidiaries and other entities as of 31 December 2017, including interests in significant subsidiaries, are discussed in "*Note 28 Interests in subsidiaries and other entities*" to the UBS Group AG's consolidated financial statements included in the Annual Report 2017.

UBS AG's interests in subsidiaries and other entities as of 31 December 2017, including interests in significant subsidiaries, are discussed in "Note 28 Interests in subsidiaries and other entities" to the UBS AG's consolidated financial statements included in the Annual Report 2017.

UBS AG is the parent company of, and conducts a significant portion of its operations through, its subsidiaries. UBS AG has contributed a significant portion of its capital and provides substantial liquidity to subsidiaries. In addition, UBS Business Solutions AG provides substantial services to group companies including UBS AG and its subsidiaries. To this extent, UBS AG is dependent on certain of the entities of the UBS AG Group and of the UBS Group."

The section "4. Trend Information" is completely replaced as follows:

"4. Trend Information

As indicated in the UBS Group Third Quarter 2018 Report, global economic growth prospects and monetary policy normalization continue to provide a supportive backdrop to UBS's business, although ongoing geopolitical tensions, rising protectionism and trade disputes have further dampened investor sentiment and confidence. UBS expects these latter trends to continue to impact Global Wealth Management clients' transaction activity in the fourth quarter; however, moderately increased levels of volatility and volumes are generally positive for UBS's institutional business in the Investment Bank. Funding costs related to long-term debt and capital instruments issued to comply with regulatory funding and liquidity requirements will be higher than in the previous year, but should be broadly stable compared with the third quarter.

Refer to "Current market climate and industry trends" in the "Operating environment and strategy" section of the Annual Report 2017 and the section "C. Risk Factors – 1. Issuer specific Risks" of this Base Prospectus for more information."

In the section "5. Administrative, Management and Supervisory Bodies of UBS AG" the subsection "Members of the Board of Directors" is completely replaced as follows:

"Members of the Board of Directors

Member and business address	Title	Term of office	Current principal positions outside UBS AG
Axel A. Weber UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Chairman	2019	Chairman of the Board of Directors of UBS Group AG; board member of the Swiss Bankers Association; Trustees Board member of Avenir Suisse; Advisory Board member of the "Beirat Zukunft Finanzplatz"; board member of the Swiss Finance Council; Chairman of the board of the Institute of International Finance; board member of the International Monetary Conference; member of the European Financial Services Round Table; member of the European Banking Group; member of the International Advisory Panel, Monetary Authority of Singapore; member of the Group of Thirty, Washington, D.C.; Chairman of the Board of Trustees of DIW Berlin; Advisory Board member of the Department of Economics at the University of Zurich; member of the Trilateral Commission.
Michel Demaré UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Independent Vice Chairman	2019	Independent Vice-Chairman of the Board of Directors of UBS Group AG; board member of Vodafone Group Plc; board member of Louis-Dreyfus Commodities Holdings BV; Vice Chairman of the Supervisory Board of IMD, Lausanne; Advisory Board member of the Department of Banking and Finance at the University of Zurich.
David Sidwell UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Senior Independent Director of the Board of Directors of UBS Group AG; Senior Advisor at Oliver Wyman, New York; board member of Chubb Limited; board member of GAVI Alliance; Chairman of the Board of Village Care, New York.
Jeremy Anderson UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; trustee of the UK's Productivity Leadership Group.
Reto Francioni UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; professor at the University of Basel; board member of Coca-Cola HBC AG; Chairman of the board of Swiss International Air Lines AG; board member of Francioni AG; board member of MedTech Innovation Partners AG.

Ann F. Godbehere UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; board member of Rio Tinto plc (chairman of the audit committee); board member of Rio Tinto Limited (chairman of the audit committee); board member of Royal Dutch Shell plc.
Fred Hu UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; non-executive chairman of the board of Yum China Holdings; board member of Hong Kong Exchanges and Clearing Ltd.; chairman of Primavera Capital Limited; non-executive director of Dalian Wanda Commercial Properties Co Ltd.; board member of China Asset Management; board member of Minsheng Financial Leasing Co.; trustee of the China Medical Board; Governor of the Chinese International School; co-chairman of the Nature Conservancy's Asia Pacific Council; director and member of the Executive Committee of China Venture Capital and Private Equity Association Ltd.; Global Advisory Board member of the Council on Foreign Relations.
Julie G. Richardson UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; board member of The Hartford Financial Services Group, Inc. (chairman of the audit committee); board member of Yext (chairman of the audit committee); board member of Vereit, Inc. (chairman of the compensation committee).
UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; partner and board member at Froriep Legal AG, Zurich; associate professor at the University of Fribourg and at the Federal Institute of Technology, Lausanne; vice chairman of the Sanction Commission of SIX Swiss Exchange; member of the Fundraising Committee of the Swiss National Committee for UNICEF; Supervisory Board member of the CAS program Financial Regulation of the University of Bern and University of Geneva.
Robert W. Scully UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; board member of Chubb Limited; board member of Zoetis Inc.; board member of KKR & Co LP; board member of the Dean's Advisors of Harvard Business School.
Beatrice Weder di Mauro UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; distinguished fellow at INSEAD in Singapore; Supervisory Board member of Robert Bosch GmbH; board member of Bombardier Inc.; member of the ETH Zurich Foundation Board of Trustees.
Dieter Wemmer UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Member	2019	Member of the Board of Directors of UBS Group AG; board member of Ørsted A/S; member of the CFO Forum; member of the Systemic Risk Working Group of the European Central Bank and the Bank for International Settlements; member of the Berlin Center of Corporate Governance.

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In the section "5. Administrative, Management and Supervisory Bodies of UBS AG" the subsection "Members of the Executive Board" is completely replaced as follows:

"Members of the Executive Board

The current members of the EB are listed below. In addition, it was announced that Edmund Koh will take over as President UBS Asia Pacific and join the EB effective 1 January 2019, while Kathryn Shih will retire and leave the EB.

Member and business address	Function	Current principal positions outside UBS AG
Sergio P. Ermotti UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	President of the Executive Board	Member of the Group Executive Board and Group Chief Executive Officer of UBS Group AG; board member of UBS Switzerland AG; Chairman of the Board of Directors of UBS Business Solutions AG; Chairman of the UBS Optimus Foundation board; Chairman of the Fondazione Ermotti, Lugano; Chairman and President of the board of the Swiss-American Chamber of Commerce; board member of the Global Apprenticeship Network; member of the Institut International D'Etudes Bancaires; member of the Saïd Business School Global Leadership Council, University of Oxford.
Martin Blessing	co-President Global Wealth	Member of the Group Executive Board and co-President

UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Management	Global Wealth Management of UBS Group AG; member of the Executive Board of Baden-Baden Entrepreneur Talks.
Christian Bluhm UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Chief Risk Officer	Member of the Group Executive Board and Group Chief Risk Officer of UBS Group AG; board member of UBS Business Solutions AG; board member of UBS Switzerland AG.
Markus U. Diethelm UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	General Counsel	Member of the Group Executive Board and Group General Counsel of UBS Group AG; board member of UBS Business Solutions AG; Chairman of the Swiss-American Chamber of Commerce's legal committee; Chairman of the Swiss Advisory Council of the American Swiss Foundation; member of the Foundation Council of the UBS International Center of Economics in Society; member of the Professional Ethics Commission of the Association of Swiss Corporate Lawyers; member of the Supervisory Board of the Fonds de Dotation LUMA / Arles.
Kirt Gardner UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Chief Financial Officer	Member of the Group Executive Board and Group Chief Financial Officer of UBS Group AG; board member of UBS Business Solutions AG.
Robert Karofsky UBS AG, 1285 Avenue Of The Americas, New York, NY 10019, USA	Co-President Investment Bank	Member of the Group Executive Board and co-President Investment Bank of UBS Group AG; president and board member UBS Securities LLC; trustee of the UBS Americas Inc. Political Action Committee.
Sabine Keller-Busse UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Chief Operating Officer	Member of the Group Executive Board and Group Chief Operating Officer of UBS Group AG; board member of UBS Business Solutions AG; vice-chairman of the Board of Directors of SIX Group (Chairman of the nomination & compensation committee); Foundation Board member of the UBS Pension Fund; Foundation Board member of the University Hospital Zurich.
Ulrich Körner UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	President Asset Management and President UBS Europe, Middle East and Africa	Member of the Group Executive Board, President Asset Management and President UBS Europe, Middle East and Africa at UBS Group AG; member of the Supervisory Board of UBS Europe SE; Chairman of the Foundation Board of the UBS Pension Fund; member of the UBS Optimus Foundation Board; Vice President of the board of Lyceum Alpinum Zuoz; member of the Financial Service Chapter Board of the Swiss-American Chamber of Commerce; Advisory Board member of the Department of Banking and Finance at the University of Zurich; member of the business advisory council of the Laureus Foundation Switzerland.
Tom Naratil UBS AG, 1200 Harbor Boulevard, Weehawken, NJ 07086 USA	co-President Global Wealth Management and President UBS Americas	Member of the Group Executive Board and co-President Global Wealth Management and President UBS Americas of UBS Group AG; CEO and board member of UBS Americas Holding LLC; board member of the American Swiss Foundation; member of the Board of Consultors for the College of Nursing at Villanova University.
Piero Novelli UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Co-President Investment Bank	Member of the Group Executive Board and co-President Investment Bank at UBS Group AG.
Markus Ronner UBS AG, Bahnhofstrasse 45, CH-8001 Zurich	Head of Group Compliance, Regulatory and Governance	Member of the Group Executive Board and Head of Group Compliance, Regulatory and Governance at UBS Group AG.
Kathryn Shih UBS AG, 2 International Finance Centre, 8 Finance Street, Central, Hong Kong	President UBS Asia Pacific	Member of the Group Executive Board of UBS Group AG and President UBS Asia Pacific; board member of Kenford International Ltd.; board member of Shih Co Charitable Foundation Ltd.; member of the Hong Kong Trade Development Council (Financial Services Advisory Committee).

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In the section "7. Financial Information concerning the Issuer's Assets and Liabilities, Financial Position and Profits and Losses" the subsection "Interim Financial Information" is completely replaced as follows:

"Interim Financial Information

Reference is also made to (i) the UBS Group AG first guarter 2018 report published on 23 April 2018 ("UBS Group First Quarter 2018 Report") and the UBS AG first quarter 2018 report, published on 27 April 2018 ("UBS AG First Quarter 2018 Report"), which contain information on the financial condition and results of operations, including the interim financial statements, of UBS Group AG consolidated and UBS AG consolidated, respectively, as of and for the period ended 31 March 2018; to (ii) the UBS Group AG second quarter 2018 report published on 24 July 2018 ("UBS Group Second Quarter 2018 Report") and the UBS AG second quarter 2018 report, published on 27 July 2018 ("UBS AG Second Quarter 2018 Report"), which contain information on the financial condition and results of operations, including the interim financial statements, of UBS Group AG consolidated and UBS AG consolidated, respectively, as of and for the period ended 30 June 2018; and to (iii) the UBS Group Third Quarter 2018 Report and the UBS AG Third Quarter 2018 Report, which contain information on the financial condition and results of operations, including the interim financial statements, of UBS Group AG consolidated and UBS AG consolidated, respectively, as of and for the period ended 30 September 2018. The interim consolidated financial statements are not audited and no audit review report is produced."

The section "8. Litigation, Regulatory and Similar Matters" is completely replaced as follows:

"8. Litigation, Regulatory and Similar Matters

UBS operates in a legal and regulatory environment that exposes it to significant litigation and similar risks arising from disputes and regulatory proceedings. As a result, UBS (which for purposes of this section may refer to UBS AG and / or one or more of its subsidiaries, as applicable) is involved in various disputes and legal proceedings, including litigation, arbitration, and regulatory and criminal investigations.

Such matters are subject to many uncertainties, and the outcome and the timing of resolution are often difficult to predict, particularly in the earlier stages of a case. There are also situations where UBS may enter into a settlement agreement. This may occur in order to avoid the expense, management distraction or reputational implications of continuing to contest liability, even for those matters for which UBS believes it should be exonerated. The uncertainties inherent in all such matters affect the amount and timing of any potential outflows for both matters with respect to which provisions have been established and other contingent liabilities. UBS makes provisions for such matters brought against it when, in the opinion of management after seeking legal advice, it is more likely than not that UBS has a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources will be required, and the amount can be reliably estimated. Where these factors are otherwise satisfied, a provision may be established for claims that have not yet been asserted against UBS, but are nevertheless expected to be, based on UBS's experience with similar asserted claims. If any of those conditions is not met, such matters result in contingent liabilities. If the amount of an obligation cannot be reliably estimated, a liability exists that is not recognized even if an outflow of resources is probable. Accordingly, no provision is established even if the potential outflow of resources with respect to such matters could be significant.

Specific litigation, regulatory and other matters are described below, including all such matters that management considers to be material and others that management believes to be of significance due to potential financial, reputational and other effects. The amount of damages claimed, the size of a transaction or other information is provided where available and appropriate in order to assist users in considering the magnitude of potential exposures.

In the case of certain matters below, UBS states that it has established a provision, and for the other matters, it makes no such statement. When UBS makes this statement and it expects disclosure of the amount of a provision to prejudice seriously its position with other parties in the matter because it would reveal what UBS believes to be the probable and reliably estimable outflow, UBS does not disclose that amount. In some cases UBS is subject to confidentiality obligations that preclude such disclosure. With respect to the matters for which UBS does not state whether it has established a provision, either (a) it has not established a provision, in which case the matter is treated as a contingent liability under the applicable accounting standard, or (b) it has established a provision but expects disclosure of that fact to prejudice seriously its position with other parties in the matter because it would reveal the fact that UBS believes an outflow of resources to be probable and reliably estimable.

With respect to certain litigation, regulatory and similar matters for which UBS has established provisions, UBS is able to estimate the expected timing of outflows. However, the aggregate amount of the expected outflows for those matters for which it is able to estimate expected timing is immaterial relative to its current and expected levels of liquidity over the relevant time periods.

The aggregate amount provisioned for litigation, regulatory and similar matters as a class is disclosed in "Note 14a Provisions" of the UBS AG's unaudited interim consolidated financial statements included in the UBS AG Third Quarter 2018 Report. It is not practicable to provide an aggregate estimate of liability for UBS's litigation, regulatory and similar matters as a class of contingent liabilities. Doing so would require UBS to provide speculative legal assessments as to claims and proceedings that involve unique fact patterns or novel legal theories, that have not yet been initiated or are at early stages of adjudication, or as to which alleged damages have not been quantified by the claimants. Although it therefore cannot provide a numerical estimate of the future losses that could arise from litigation, regulatory and similar matters, UBS believes that the aggregate amount of possible future losses from this class that are more than remote substantially exceeds the level of current provisions. Litigation, regulatory and similar matters may also result in non-monetary penalties and consequences. For example, the Non-Prosecution Agreement ("NPA") described in item 5 of this section, which UBS entered into with the US Department of Justice ("DOJ"), Criminal Division, Fraud Section in connection with UBS's submissions of benchmark interest rates, including, among others, the British Bankers' Association London Interbank Offered Rate ("LIBOR"), was terminated by the DOJ based on its determination that UBS had committed a US crime in relation to foreign exchange matters. As a consequence, UBS AG pleaded guilty to one count of wire fraud for conduct in the LIBOR matter, paid a fine and is subject to probation through January 2020. A guilty plea to, or conviction of, a crime could have material consequences for UBS. Resolution of regulatory proceedings may require UBS to obtain waivers of regulatory disqualifications to maintain certain operations, may entitle regulatory authorities to limit, suspend or terminate licenses and regulatory authorizations and may permit financial market utilities to limit, suspend or terminate UBS's participation in such utilities. Failure to obtain such waivers, or any limitation, suspension or termination of licenses, authorizations or participations, could have material consequences for UBS.

The risk of loss associated with litigation, regulatory and similar matters is a component of operational risk for purposes of determining UBS's capital requirements. Information concerning UBS's capital requirements and the calculation of operational risk for this purpose is included in the "Capital management" section of the UBS Group Third Quarter 2018 Report.

Provisions for litigation, regulatory and similar matters by business division and Corporate Center unit¹

	Global Wealth Manage	Personal &	Asset Manage			CC –	CC – Non- core and	
CHF million	- ment	Corporate Banking	- ment	Investme nt Bank	CC – Services	Group ALM	Legacy Portfolio	UBS
Balance as of 31 December 2017	555	79	1	345	240	0	1,224	2,444
Balance as of 30 June 2018	567	75	0	333	216	0	1,251	2,442
Increase in provisions recognized in the income statement	31	0	0	11	30	0	4	76
Release of provisions recognized in the income statement	(3)	0	0	(68)	(1)	0	0	(72)
Provisions used in conformity with designated purpose	(48)	0	0	0	0	0	(60)	(109)
Foreign currency translation / unwind of discount	(6)	0	0	(3)	0	0	(13)	(24)
Balance as of 30 September 2018	541	75	0	272	244	0	1,180	2,312

¹ Provisions, if any, for the matters described in this section are recorded in Global Wealth Management (item 3 and item 4), the Investment Bank (item 7) and Corporate Center – Non-core and Legacy Portfolio (item 2). Provisions, if any, for the matters described in items 1 and 6 of this section are allocated between Global Wealth Management and Personal & Corporate Banking, and provisions, if any, for the matters described in this section in item 5 are allocated between the Investment Bank, Corporate Center – Services and Corporate Center – Non-core and Legacy Portfolio.

1. Inquiries regarding cross-border wealth management businesses

Tax and regulatory authorities in a number of countries have made inquiries, served requests for information or examined employees located in their respective jurisdictions relating to the cross-border wealth management services provided by UBS and other financial institutions. It is possible that the implementation of automatic tax information exchange and other measures relating to cross-border provision of financial services could give rise to further inquiries in the future. UBS has received disclosure orders from the Swiss Federal Tax Administration ("FTA") to transfer information based on requests for international administrative assistance in tax matters. The requests concern a number of UBS account numbers pertaining to current and former clients and are based on data from 2006 and 2008. UBS has taken steps to inform affected clients about the administrative assistance proceedings and their procedural rights, including the right to appeal. The requests are based on data received from the German authorities, who seized certain data related to UBS clients booked in Switzerland during their investigations and have apparently shared this data with other European countries. UBS expects additional countries to file similar requests.

The Swiss Federal Administrative Court ruled in 2016 that, in the administrative assistance proceedings related to a French bulk request, UBS has the right to appeal all final FTA client data disclosure orders. On 30 July 2018, the Swiss Federal Administrative Court granted UBS's appeal by holding the French administrative assistance request inadmissible. The FTA filed a final appeal with the Swiss Federal Supreme Court.

Since 2013, UBS (France) S.A., UBS AG and certain former employees have been under investigation in France for alleged complicity in having illicitly solicited clients on French territory, regarding the laundering of proceeds of tax fraud, and of banking and financial solicitation by unauthorized persons. In connection with this investigation, the investigating judges ordered UBS AG to provide bail ("caution") of EUR 1.1 billion and UBS (France) S.A. to post bail of EUR 40 million, which was reduced on appeal to EUR 10 million.

In February 2016, the investigating judges notified UBS AG and UBS (France) S.A. that they have closed their investigation. In July 2016, UBS AG and UBS (France) S.A. received the National Financial Prosecutor's recommendation ("réquisitoire"). In March 2017, the investigating judges issued the trial order ("ordonnance de renvoi") that charges UBS AG and UBS (France) S.A., as well as various former employees, with illicit solicitation of clients on French territory and with participation in the laundering of the proceeds of tax fraud, and that transfers the case to court. The trial started on 8 October 2018 and is scheduled to last until 15 November 2018.

In 2016, UBS was notified by the Belgian investigating judge that it is under formal investigation ("inculpé") regarding the laundering of proceeds of tax fraud, of banking and financial solicitation by unauthorized persons, and of serious tax fraud.

UBS has, and reportedly numerous other financial institutions have, received inquiries from authorities concerning accounts relating to the Fédération Internationale de Football Association (FIFA) and other constituent soccer associations and related persons and entities. UBS is cooperating with authorities in these inquiries.

UBS's balance sheet at 30 September 2018 reflected provisions with respect to matters described in this item 1 in an amount that UBS believes to be appropriate under the applicable accounting standard. As in the case of other matters for which UBS has established provisions, the future outflow of resources in respect of such matters cannot be determined with certainty based on currently available information and accordingly may ultimately prove to be substantially greater (or may be less) than the provision that UBS has recognized.

2. Claims related to sales of residential mortgage-backed securities and mortgages

From 2002 through 2007, prior to the crisis in the US residential loan market, UBS was a substantial issuer and underwriter of US residential mortgage-backed securities ("**RMBS**") and was a purchaser and seller of US residential mortgages. A subsidiary of UBS, UBS Real Estate Securities Inc. ("**UBS RESI**"), acquired pools of residential mortgage loans from originators and (through an affiliate) deposited them into securitization trusts. In this manner, from 2004 through 2007, UBS RESI sponsored approximately USD 80 billion in RMBS, based on the original principal balances of the securities issued.

UBS RESI also sold pools of loans acquired from originators to third-party purchasers. These whole loan sales during the period 2004 through 2007 totalled approximately USD 19 billion in original principal balance.

UBS was not a significant originator of US residential loans. A branch of UBS originated approximately USD 1.5 billion in US residential mortgage loans during the period in which it was active from 2006 to 2008, and securitized less than half of these loans.

Lawsuits related to contractual representations and warranties concerning mortgages and RMBS: When UBS acted as an RMBS sponsor or mortgage seller, it generally made certain representations relating to the characteristics of the underlying loans. In the event of a material breach of these representations, UBS was in certain circumstances contractually obligated to repurchase the loans to which the representations related or to indemnify certain parties against losses. In 2012, certain RMBS trusts filed an action ("Trustee Suit") in the US District Court for the Southern District of New York ("SDNY") seeking to enforce UBS RESI's obligation to repurchase loans in the collateral pools for three RMBS securitizations issued and underwritten by UBS with an original principal balance of approximately USD 2 billion. In July 2018, UBS and the trustee entered into an agreement under which UBS will pay USD 850 million to resolve this matter. A significant portion of this amount will be borne by other parties that indemnified UBS. The settlement remains subject to approval by the court and proceedings to determine how the settlement funds will be distributed to RMBS holders. After giving effect to this settlement, UBS considers claims relating to substantially all loan repurchase demands to be resolved, and believes that new demands to repurchase US residential mortgage loans are time-barred under a decision rendered by the New York Court of Appeals.

Mortgage-related regulatory matters: In 2014, UBS received a subpoena from the US Attorney's Office for the Eastern District of New York issued pursuant to the Financial Institutions Reform, Recovery and Enforcement Act of 1989 ("FIRREA"), which seeks documents and information related to UBS's RMBS business from 2005 through 2007. In 2015, the Eastern District of New York identified a number of transactions that are the focus of their inquiry, and subsequently provided a revised list of transactions. UBS has provided information in response to this subpoena. UBS has also responded to inquiries from both the Special Inspector General for the Troubled Asset Relief Program (SIGTARP) (who is working in conjunction with the US Attorney's Office for Connecticut and the DOJ) and the US

Securities and Exchange Commission ("**SEC**") relating to trading practices in connection with purchases and sales of mortgage-backed securities in the secondary market from 2009 through 2014. UBS is cooperating with the authorities in these matters.

UBS's balance sheet at 30 September 2018 reflected a provision with respect to matters described in this item 2 in an amount that UBS believes to be appropriate under the applicable accounting standard. As in the case of other matters for which UBS has established provisions, the future outflow of resources in respect of this matter cannot be determined with certainty based on currently available information and accordingly may ultimately prove to be substantially greater (or may be less) than the provision that UBS has recognized.

3. Madoff

In relation to the Bernard L. Madoff Investment Securities LLC ("BMIS") investment fraud, UBS AG, UBS (Luxembourg) S.A. (now UBS Europe SE, Luxembourg branch) and certain other UBS subsidiaries have been subject to inquiries by a number of regulators, including the Swiss Financial Market Supervisory Authority ("FINMA") and the Luxembourg Commission de Surveillance du Secteur Financier ("CSSF"). Those inquiries concerned two third-party funds established under Luxembourg law, substantially all assets of which were with BMIS, as well as certain funds established in offshore jurisdictions with either direct or indirect exposure to BMIS. These funds faced severe losses, and the Luxembourg funds are in liquidation. The documentation establishing both funds identifies UBS entities in various roles, including custodian, administrator, manager, distributor and promoter, and indicates that UBS employees serve as board members.

In 2009 and 2010, the liquidators of the two Luxembourg funds filed claims against UBS entities, non-UBS entities and certain individuals, including current and former UBS employees, seeking amounts aggregating approximately EUR 2.1 billion, which includes amounts that the funds may be held liable to pay the trustee for the liquidation of BMIS ("BMIS Trustee").

A large number of alleged beneficiaries have filed claims against UBS entities (and non-UBS entities) for purported losses relating to the Madoff fraud. The majority of these cases have been filed in Luxembourg, where decisions that the claims in eight test cases were inadmissible have been affirmed by the Luxembourg Court of Appeal, and the Luxembourg Supreme Court has dismissed a further appeal in one of the test cases.

In the US, the BMIS Trustee filed claims against UBS entities, among others, in relation to the two Luxembourg funds and one of the offshore funds. The total amount claimed against all defendants in these actions was not less than USD 2 billion. In 2014, the US Supreme Court rejected the BMIS Trustee's motion for leave to appeal decisions dismissing all claims except those for the recovery of fraudulent conveyances and preference payments. In 2016, the Bankruptcy Court dismissed the remaining claims against the UBS entities. The BMIS Trustee appealed.

4. Puerto Rico

Declines since 2013 in the market prices of Puerto Rico municipal bonds and of closed-end funds ("**funds**") that are sole-managed and co-managed by UBS Trust Company of Puerto Rico and distributed by UBS Financial Services Incorporated of Puerto Rico ("**UBS PR**") have led to multiple regulatory inquiries, as well as customer complaints and arbitrations with aggregate claimed damages of USD 2.8 billion, of which claims with aggregate claimed damages of USD 1.7 billion have been resolved through settlements, arbitration or withdrawal of the claim. The claims have been filed by clients in Puerto Rico who own the funds or Puerto Rico municipal bonds and / or who used their UBS account assets as collateral for UBS non-purpose loans; customer complaint and arbitration allegations include fraud, misrepresentation and unsuitability of the funds and of the loans. A shareholder derivative action was filed in 2014 against various UBS entities and current and certain former directors of the funds, alleging hundreds of millions of US dollars in losses in the funds. In 2015, defendants' motion to dismiss was denied, and a request for permission to appeal that ruling was denied by the Puerto Rico Supreme Court. In 2014, a federal class

action complaint also was filed against various UBS entities, certain members of UBS PR senior management and the co-manager of certain of the funds, seeking damages for investor losses in the funds during the period from May 2008 through May 2014. In September 2018 the court denied plaintiffs' motion for class certification.

In 2015, a class action was filed in Puerto Rico state court against UBS PR seeking equitable relief in the form of a stay of any effort by UBS PR to collect on non-purpose loans it acquired from UBS Bank USA based on plaintiffs' allegation that the loans are not valid. The trial court granted UBS PR's motion for summary judgment and dismissed the action.

In 2014 and 2015, UBS entered into settlements with the Office of the Commissioner of Financial Institutions for the Commonwealth of Puerto Rico ("OCFI"), the SEC and the Financial Industry Regulatory Authority ("FINRA") in relation to their examination of UBS's operations. UBS also understands that the DOJ is conducting a criminal inquiry into the impermissible reinvestment of non-purpose loan proceeds. UBS is cooperating with the authorities in this inquiry.

In 2011, a purported derivative action was filed on behalf of the Employee Retirement System of the Commonwealth of Puerto Rico ("**System**") against over 40 defendants, including UBS PR, which was named in connection with its underwriting and consulting services. Plaintiffs alleged that defendants violated their purported fiduciary duties and contractual obligations in connection with the issuance and underwriting of USD 3 billion of bonds by the System in 2008 and sought damages of over USD 800 million. In 2016, the court granted the System's request to join the action as a plaintiff, but ordered that plaintiffs must file an amended complaint. In 2017, the court denied defendants' motion to dismiss the amended complaint.

Beginning in 2015, and continuing through 2017, certain agencies and public corporations of the Commonwealth of Puerto Rico ("**Commonwealth**") defaulted on certain interest payments on Puerto Rico bonds. The funds hold significant amounts of those bonds and the defaults on interest payments have had, and are expected to continue to have, an adverse effect on dividends from the funds. Executive orders of the Governor of Puerto Rico that have diverted funds to pay for essential services instead of debt payments and stayed any action to enforce creditors' rights on the Puerto Rico bonds continue to be in effect. In 2016, US federal legislation created an oversight board with power to oversee Puerto Rico's finances and to restructure its debt. The oversight board has imposed a stay on the exercise of creditors' rights. In 2017, the oversight board placed certain of the bonds into a bankruptcy-like proceeding under the supervision of a Federal District Judge. These events, further defaults, any further legislative action to create a legal means of restructuring Commonwealth obligations or to impose additional oversight on the Commonwealth's finances, or any restructuring of the Commonwealth's obligations may increase the number of claims against UBS concerning Puerto Rico securities, as well as potential damages sought.

UBS's balance sheet at 30 September 2018 reflected provisions with respect to matters described in this item 4 in amounts that UBS believes to be appropriate under the applicable accounting standard. As in the case of other matters for which UBS has established provisions, the future outflow of resources in respect of such matters cannot be determined with certainty based on currently available information and accordingly may ultimately prove to be substantially greater (or may be less) than the provisions that UBS has recognized.

Foreign exchange, LIBOR and benchmark rates, and other trading practices

Foreign exchange-related regulatory matters: Beginning in 2013 numerous authorities commenced investigations concerning possible manipulation of foreign exchange markets and precious metals prices. In 2014 and 2015, UBS reached settlements with the UK Financial Conduct Authority ("FCA") and the US Commodity Futures Trading Commission ("CFTC") in connection with their foreign exchange investigations, FINMA issued an order concluding its formal proceedings relating to UBS's foreign exchange and precious metals businesses, and the Board of Governors of the Federal Reserve System ("Federal Reserve Board") and the Connecticut Department of Banking issued a Cease and Desist Order and assessed monetary penalties against UBS AG. In 2015, the DOJ's Criminal Division ("Criminal Division") terminated the 2012 Non-Prosecution Agreement ("NPA") with UBS

AG related to UBS's submissions of benchmark interest rates and UBS AG pleaded guilty to one count of wire fraud, paid a fine and is subject to probation through January 2020. UBS has ongoing obligations to cooperate with these authorities and to undertake certain remediation measures. UBS has also been granted conditional immunity by the Antitrust Division of the DOJ ("Antitrust Division") and by authorities in other jurisdictions in connection with potential competition law violations relating to foreign exchange and precious metals businesses. Investigations relating to foreign exchange and precious metals matters by certain authorities remain ongoing notwithstanding these resolutions.

Foreign exchange-related civil litigation: Putative class actions have been filed since 2013 in US federal courts and in other jurisdictions against UBS and other banks on behalf of putative classes of persons who engaged in foreign currency transactions with any of the defendant banks. UBS has entered into a settlement agreement that would resolve US federal court class actions relating to foreign currency transactions with the defendant banks and persons who transacted in foreign exchange futures contracts and options on such futures. The settlement agreement, which has been approved by the court, requires, among other things, that UBS pay an aggregate of USD 141 million and provide cooperation to the settlement classes.

A putative class action has been filed in federal court in New York against UBS and other banks on behalf of participants, beneficiaries and named fiduciaries of plans qualified under the Employee Retirement Income Security Act of 1974 ("**ERISA**") for whom a defendant bank provided foreign exchange transactional services or authorized or permitted the execution of any foreign currency exchange transactional services involving such plan's assets. The complaint asserts claims under ERISA. In July 2018, the Second Circuit affirmed the dismissal of the case with prejudice.

In 2015, a putative class action was filed in federal court against UBS and numerous other banks on behalf of persons and businesses in the US who directly purchased foreign currency from the defendants and alleged co-conspirators for their own end use. In March 2017, the court granted UBS's (and the other banks') motions to dismiss the complaint. The plaintiffs filed an amended complaint in August 2017. In March 2018, the court denied the defendants' motions to dismiss the amended complaint.

In 2016, a putative class action was filed in federal court in New York against UBS and numerous other banks on behalf of persons and entities who had indirectly purchased foreign exchange instruments from a defendant or co-conspirator in the US. The complaint asserts claims under federal and state antitrust laws. In response to defendants' motion to dismiss, plaintiffs agreed to dismiss their complaint.

In 2017, two new putative class actions were filed in federal court in New York against UBS and numerous other banks on behalf of different proposed classes of indirect purchasers of currency, and a consolidated complaint was filed in June 2017. In March 2018, the court dismissed the consolidated complaint. Plaintiffs have filed a motion seeking leave to file an amended complaint.

Putative class actions were also filed against UBS and other banks in federal court in New York and other jurisdictions on behalf of putative classes of persons who had bought or sold physical precious metals and various precious metal products and derivatives. The complaints in these lawsuits asserted claims under the antitrust laws and the Commodity Exchange Act ("CEA"), and other claims. In July 2018, the court in New York granted UBS's motions to dismiss amended complaints in the putative class actions relating to gold and silver. In 2017, the court granted UBS's motion to dismiss the platinum and palladium action. Plaintiffs in the platinum and palladium action subsequently filed an amended complaint that did not allege claims against UBS.

LIBOR and other benchmark-related regulatory matters: Numerous government agencies, including the SEC, the CFTC, the DOJ, the FCA, the UK Serious Fraud Office ("SFO"), the Monetary Authority of Singapore ("MAS"), the Hong Kong Monetary Authority ("HKMA"), FINMA, various state attorneys general in the US and competition authorities in various jurisdictions, have conducted or are continuing to conduct investigations regarding potential improper attempts by UBS, among others, to manipulate LIBOR and other benchmark rates

at certain times. In 2012, UBS reached settlements relating to benchmark interest rates with the UK Financial Services Authority ("FSA"), the CFTC and the Criminal Division of the DOJ, and FINMA issued an order in its proceedings with respect to UBS relating to benchmark interest rates. In addition, UBS entered into settlements with the European Commission (EC) and with the Swiss Competition Commission ("WEKO") regarding its investigation of bidask spreads in connection with Swiss franc interest rate derivatives. UBS has ongoing obligations to cooperate with the authorities with whom UBS has reached resolutions and to undertake certain remediation measures with respect to benchmark interest rate submissions. UBS has been granted conditional leniency or conditional immunity from authorities in certain jurisdictions, including the Antitrust Division of the DOJ and WEKO, in connection with potential antitrust or competition law violations related to certain rates. However, UBS has not reached a final settlement with WEKO as the Secretariat of WEKO has asserted that UBS does not qualify for full immunity. Investigations by certain governmental authorities remain ongoing notwithstanding these resolutions.

LIBOR and other benchmark-related civil litigation: A number of putative class actions and other actions are pending in the federal courts in New York against UBS and numerous other banks on behalf of parties who transacted in certain interest rate benchmark-based derivatives. Also pending in the US and in other jurisdictions are a number of other actions asserting losses related to various products whose interest rates were linked to LIBOR and other benchmarks, including adjustable rate mortgages, preferred and debt securities, bonds pledged as collateral, loans, depository accounts, investments and other interest-bearing instruments. The complaints allege manipulation, through various means, of certain benchmark interest rates, including USD LIBOR, Euroyen TIBOR, Yen LIBOR, EURIBOR, CHF LIBOR, GBP LIBOR, USD and SGD SIBOR and SOR, Australian BBSW and USD ISDAFIX, and seek unspecified compensatory and other damages under varying legal theories.

USD LIBOR class and individual actions in the US: In 2013 and 2015, the district court in the USD LIBOR actions dismissed, in whole or in part, certain plaintiffs' antitrust claims, federal racketeering claims, CEA claims, and state common law claims. Although the Second Circuit vacated the district court's judgment dismissing antitrust claims, the district court again dismissed antitrust claims against UBS in 2016. Certain plaintiffs have appealed that decision to the Second Circuit. Separately, in 2018, the Second Circuit reversed in part the district court's 2015 decision dismissing certain individual plaintiffs' claims. UBS entered into an agreement in 2016 with representatives of a class of bondholders to settle their USD LIBOR class action. The agreement has received preliminary court approval and remains subject to final approval. In 2018, the district court denied plaintiffs' motions for class certification in the USD class actions for claims pending against UBS, and plaintiffs have sought permission to appeal that ruling to the Second Circuit. In July 2018, the Second Circuit denied the petition to appeal of the class of USD lenders.

Other benchmark class actions and ISDAFIX class action in the US: In 2014, the court in one of the Euroyen TIBOR lawsuits dismissed certain of the plaintiff's claims, including a federal antitrust claim, for lack of standing. In 2015, this court dismissed the plaintiff's federal racketeering claims on the same basis and affirmed its previous dismissal of the plaintiff's antitrust claims against UBS. In 2017, this court also dismissed the other Yen LIBOR / Euroyen TIBOR action in its entirety on standing grounds, as did the court in the CHF LIBOR action. Also in 2017, the courts in the EURIBOR and the SIBOR / SOR lawsuits dismissed the cases as to UBS and certain other foreign defendants for lack of personal jurisdiction. Plaintiffs in the CHF LIBOR and SIBOR / SOR actions have filed amended complaints following the dismissals, which UBS and other defendants have moved to dismiss. UBS and other defendants have also moved to dismiss the GBP LIBOR and Australian BBSW actions. In 2017, UBS agreed to pay USD 14 million to resolve putative class actions filed in federal court in New York and New Jersey against UBS and other financial institutions on behalf of parties who entered into interest rate derivative transactions linked to ISDAFIX. The final settlement was approved in June 2018.

Government bonds: Putative class actions have been filed since 2015 in US federal courts against UBS and other banks on behalf of persons who participated in markets for US Treasury securities since 2007. A consolidated complaint was filed in 2017 in the SDNY alleging that the banks colluded with respect to, and manipulated prices of, US Treasury securities sold at auction and in the secondary market and asserting claims under the

antitrust laws and for unjust enrichment. Defendants' motions to dismiss the consolidated complaint are pending.

Following filing of these complaints, UBS and reportedly other banks are responding to investigations and requests for information from various authorities regarding US Treasury securities and other government bond trading practices. As a result of its review to date, UBS has taken appropriate action.

With respect to additional matters and jurisdictions not encompassed by the settlements and orders referred to above, UBS's balance sheet at 30 September 2018 reflected a provision in an amount that UBS believes to be appropriate under the applicable accounting standard. As in the case of other matters for which UBS has established provisions, the future outflow of resources in respect of such matters cannot be determined with certainty based on currently available information and accordingly may ultimately prove to be substantially greater (or may be less) than the provision that UBS has recognized.

6. Swiss retrocessions

The Federal Supreme Court of Switzerland ruled in 2012, in a test case against UBS, that distribution fees paid to a firm for distributing third-party and intra-group investment funds and structured products must be disclosed and surrendered to clients who have entered into a discretionary mandate agreement with the firm, absent a valid waiver.

FINMA has issued a supervisory note to all Swiss banks in response to the Supreme Court decision. UBS has met the FINMA requirements and has notified all potentially affected clients.

The Supreme Court decision has resulted, and may continue to result, in a number of client requests for UBS to disclose and potentially surrender retrocessions. Client requests are assessed on a case-by-case basis. Considerations taken into account when assessing these cases include, among other things, the existence of a discretionary mandate and whether or not the client documentation contained a valid waiver with respect to distribution fees.

UBS's balance sheet at 30 September 2018 reflected a provision with respect to matters described in this item 6 in an amount that UBS believes to be appropriate under the applicable accounting standard. The ultimate exposure will depend on client requests and the resolution thereof, factors that are difficult to predict and assess. Hence, as in the case of other matters for which UBS has established provisions, the future outflow of resources in respect of such matters cannot be determined with certainty based on currently available information and accordingly may ultimately prove to be substantially greater (or may be less) than the provision that UBS has recognized.

7. Investigation of UBS's role in initial public offerings in Hong Kong

The Hong Kong Securities and Futures Commission ("**SFC**") has been conducting investigations into UBS's role as a sponsor of certain initial public offerings listed on the Hong Kong Stock Exchange. The SFC has previously indicated that it intended to take enforcement action against UBS and certain employees in relation to certain of these offerings. In March 2018, the SFC issued a decision notice in relation to one of the offerings under investigation. The notice provides for a fine of HKD 119 million and a suspension of UBS Securities Hong Kong Limited's ability to act as a sponsor for Hong Kong listed initial public offerings for 18 months. UBS has appealed the decision.

The specific litigation, regulatory and other matters described above under items (1) to (7) include all such matters that management considers to be material and others that management believes to be of significance due to potential financial, reputational and other effects as described in "Note 14 Provisions and contingent liabilities" to UBS AG unaudited interim consolidated financial statements included in the UBS AG Third Quarter 2018 Report. The proceedings indicated below are matters that have recently been considered material, but are not currently considered material, by UBS. Besides the proceedings described above and below, there are no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened, of which UBS AG is aware) that may have, or have had in the recent past, significant effects on UBS AG Group's and/or UBS AG's financial

position or profitability and are or have been pending during the last twelve months until the date of this document.

Wealth management cross-border TEFRA inquiries: In 2015, UBS received inquiries from the US Attorney's Office for the Eastern District of New York ("USAO EDNY") and from the SEC, which were investigating potential sales to US persons of bearer bonds and other unregistered securities in possible violation of the Tax Equity and Fiscal Responsibility Act of 1982 ("TEFRA") and the registration requirements of the US securities laws. UBS cooperated with the authorities in these investigations. In 2018, UBS was informed by the USAO EDNY and the SEC that they have closed their investigations and that they will not take any action.

Puerto Rico 2012 claims: Beginning in 2012, two federal class action complaints, which were subsequently consolidated, were filed against various UBS entities, certain closed-end funds and certain members of UBS PR senior management, seeking damages for investor losses in the funds during the period from January 2008 through May 2012. In 2016, the court denied plaintiffs' motion for class certification. In March 2017, the US Court of Appeals for the First Circuit denied plaintiffs' petition seeking permission to bring an interlocutory appeal challenging the denial of their motion for class certification. In August 2017 the district court dismissed the case.

Other mortgage-related regulatory matters: UBS also received and responded to subpoenas from the New York State Attorney General ("NYAG") and other state attorneys general relating to UBS's RMBS business. In March 2018, UBS and the NYAG reached an agreement to resolve the NYAG's investigation, whereby UBS will pay USD 41 million and provide consumer relief in a stated amount of USD 189 million calculated as set forth in the settlement agreement.

BMIS customers' claims in the US: In 2014, several claims, including a purported class action, were filed in the US by BMIS customers against UBS entities, asserting claims similar to those made by the BMIS Trustee described in item (3) - Madoff above, and seeking unspecified damages. These claims have either been voluntarily withdrawn or dismissed on the basis that the courts did not have jurisdiction to hear the claims against the UBS entities. In 2016, the plaintiff in one of those claims appealed the dismissal. In February 2018, the United States Court of Appeals for the Second Circuit affirmed the dismissal of the plaintiff's claim.

CFTC precious metals investigations: within the context of the investigations by authorities described in item (5) - Foreign exchange-related regulatory matters above, UBS reached in January 2018 a settlement with the CFTC in connection with the CFTC's precious metals investigations. As part of that settlement, UBS paid a USD 15 million civil monetary penalty."

In the section "9. Significant Changes in the Financial or Trading Position; Material Adverse Change in Prospects" the first paragraph is completely replaced as follows:

"There has been no significant change in the financial or trading position of UBS AG or UBS AG Group since 30 September 2018, which is the end of the last financial period for which financial information has been published."

In the section "L. GENERAL INFORMATION" the subsection "7. Documents incorporated by Reference" is completely replaced as follows:

"7. Documents incorporated by Reference

This Base Prospectus should be read and construed in conjunction with each supplement to this Base Prospectus and the documents incorporated by reference into this Base Prospectus. The information set forth in the documents listed in this section below, is hereby to the extent indicated below, incorporated by reference into this Base Prospectus and as such deemed to form a part of this Base Prospectus:

(a) The annual report of UBS Group AG and UBS AG as of 31 December 2017 (other than the section "(1) Operating environment and strategy - Risk factors" on pages

45 to 56 (including)), comprising the introductory section, as well as the sections (1) Operating environment and strategy, (2) Financial and operating performance, (3) Risk, treasury and capital management, (4) Corporate governance, responsibility and compensation, (5) Consolidated financial statements (including the "Statutory auditor's report on the audit of the consolidated financial statements" and the "Report of Independent Registered Public Accounting Firm"), (6) Standalone financial statements, (7) Significant regulated subsidiary and sub-group information, (8) Additional regulatory information, and the Appendix; (published on the UBS website, at https://www.ubs.com/global/en/about-ubs/investor-relations/annualreporting/2017.html);

- (b) The UBS AG standalone financial statements and regulatory information for the year ended 31 December 2017 (including the "Report of the statutory auditor on the financial statements") (published on the UBS website, at https://www.ubs.com/global/en/about ubs/investor relations/disclosure-legal-entities.html);
- The annual report of UBS Group AG and UBS AG as of 31 December 2016 (other (c) than the section "(1) Operating environment and strategy - Risk factors" on pages 44 to 55 (including)), comprising the introductory section, as well as the sections (1) Operating environment and strategy (other than the section "Risk factors" on pages 44 to 55 (including)), (2) Financial and operating performance, (3) Risk, treasury and capital management, (4) Corporate governance, responsibility and compensation, (5) Financial statements (including the "Statutory auditor's report on the audit of the consolidated financial statements" and the "Report of Independent Registered Public Accounting Firm"), (6) Additional regulatory information, and the Appendix (published UBS on the website, https://www.ubs.com/global/en/about_ubs/investor_relations/annualreporting/2016. html);
- (d) The UBS AG standalone financial statements and regulatory information for the year ended 31 December 2016 including the "Report of the statutory auditor on the financial statements" (published on the UBS website, at https://www.ubs.com/global/en/about ubs/investor relations/disclosure-legal-entities.html);
- the annual report of UBS Group AG and UBS AG as of 31 December 2015 (other than the section "(1) Operating environment and strategy Risk factors" on pages 59 to 74 (including)), comprising the introductory section, as well as the sections (1) Operating environment and strategy (other than the section "Risk factors" on pages 59 to 74 (including)), (2) Financial and operating performance, (3) Risk, treasury and capital management, (4) Corporate governance, responsibility and compensation, (5) Consolidated financial statements (including the "Report of the statutory auditor and the independent registered public accounting firm on the consolidated financial statements"), (6) Legal entity financial and regulatory information (including the "Report of the statutory auditor on the financial statements"), (7) Additional regulatory information, and the Appendix (published on the UBS website, at https://www.ubs.com/global/en/about ubs/investor relations/annualreporting/2015.html);
- (f) the UBS Group First Quarter 2018 Report and the UBS AG First Quarter 2018 Report (published on the UBS website, at https://www.ubs.com/global/en/about ubs/investor relations/quarterly reporting/2018.html);
- (g) the UBS Group Second Quarter 2018 Report and the UBS AG Second Quarter 2018 Report (published on the UBS website, at https://www.ubs.com/global/en/about_ubs/investor_relations/quarterly_reporting/20 18.html);
- (h) the UBS Group Third Quarter 2018 Report and the UBS AG Third Quarter 2018 Report (published on the UBS website, at

https://www.ubs.com/global/en/about_ubs/investor_relations/quarterly_reporting/20_18.html);

- (i) the Conditions of the Securities as contained on pages 157 to 241 of the Base Prospectus dated 23 June 2014 of UBS AG as filed with SFSA (published on the UBS website, at http://keyinvest-eu.ubs.com/legal-documents);
- (j) the Conditions of the Securities as contained on pages 212 to 318 of the Base Prospectus dated 17 April 2015 of UBS AG as filed with SFSA (published on the UBS website, at http://keyinvest-eu.ubs.com/legal-documents);
- (k) the Conditions of the Securities as contained on pages 192 to 289 of the Base Prospectus dated 8 January 2016 of UBS AG as filed with SFSA (published on the UBS website, at http://keyinvest-eu.ubs.com/legal-documents);
- (l) the Conditions of the Securities as contained on pages 187 to 286 of the Base Prospectus dated 27 September 2016 of UBS AG as filed with SFSA (published on the UBS website, at http://keyinvest-eu.ubs.com/legal-documents), and
- (m) the Conditions of the Securities as contained on pages 147 to 246 of the Base Prospectus dated 21 June 2017 of UBS AG as filed with SFSA (published on the UBS website, at http://keyinvest-eu.ubs.com/legal-documents).

Investors who have not previously reviewed the information contained in the above documents should do so in connection with their evaluation of any Securities. Any statement contained in a document, all or the relevant portion of which is incorporated by reference into this Base Prospectus, shall be deemed to be modified or superseded for the purpose of this Base Prospectus to the extent that a statement contained in this Base Prospectus or in any supplement to this Base Prospectus, including any documents incorporated therein by reference, modifies or supersedes such earlier statement (whether expressly, by implication or otherwise)."

- 2) In relation to the Base Prospectus for Securities of UBS AG, [London] [Jersey] [Branch] dated 1 March 2018 in the section headed "A. Summary of the Base Prospectus (in the English language)" the following changes shall be made:
- a) In the section headed "Section B Issuer":

Element B.4b is completely replaced as follows:

B.4b	A description of any known trends	Trend Information
	known trends affecting the issuer or the industries in which it operates.	As indicated in the UBS Group Third Quarter 2018 Report, global economic growth prospects and monetary policy normalization continue to provide a supportive backdrop to UBS's business, although ongoing geopolitical tensions, rising protectionism and trade disputes have further dampened investor sentiment and confidence. UBS expects these latter trends to continue to impact Global Wealth Management clients' transaction activity in the fourth quarter; however, moderately increased levels of volatility and volumes are generally positive for UBS's institutional business in the Investment Bank. Funding costs related to long-term debt and capital instruments issued to comply with regulatory funding and liquidity requirements will be higher than in the previous year, but should be broadly stable compared with the third quarter.

Element B.5 is completely replaced as follows:

B.5	Description of the group and the issuer's position within the group.	UBS AG is a Swiss bank and the parent company of the UBS AG Group. It is 100% owned by UBS Group AG, which is the holding company of the UBS Group. UBS operates as a group with four business divisions and a Corporate Center.
		In 2014, UBS began adapting its legal entity structure to improve the resolvability of the Group in response to too big to fail requirements in Switzerland and recovery and resolution regulation in other countries in which the Group operates. In December 2014, UBS Group AG became the holding company of the Group.
		In 2015, UBS AG transferred its Personal & Corporate Banking and Wealth Management businesses booked in Switzerland to the newly established UBS Switzerland AG, a banking subsidiary of UBS AG in Switzerland. In 2016, UBS Americas Holding LLC was designated as the intermediate holding company for UBS's US subsidiaries and UBS merged its Wealth Management subsidiaries in various European countries into UBS Europe SE, UBS's German-headquartered European subsidiary. Additionally, UBS transferred the majority of Asset Management's operating subsidiaries to UBS Asset Management AG.
		UBS Business Solutions AG, a wholly owned subsidiary of UBS Group AG, was established in 2015 and acts as the Group service company. In 2017, UBS's shared services functions in Switzerland and the UK were transferred from UBS AG to UBS Business Solutions AG. UBS also completed the transfer of shared services functions in the US to its US service company, UBS Business Solutions US LLC, a wholly owned subsidiary of UBS Americas Holding LLC.
		In 2015, UBS implemented a more self-sufficient business and operating model for UBS Limited, UBS's investment banking subsidiary in the UK. Given the continuing uncertainty on transition arrangements and the potential future restrictions on providing financial services into the EU from the UK, UBS is in the process of obtaining regulatory approvals for the merger of UBS Limited into UBS Europe SE. The timing and extent of the actions UBS takes

may vary considerably from its current plan depending on regulatory requirements and the nature of any transition or successor agreements between the UK and the EU.

Following the announcement by the China Securities Regulatory Commission that foreign investors will be permitted to increase their ownership percentages in China affiliates to a cap of 51%, and may be allowed to increase their ownership up to 100% in 2021, UBS submitted in May 2018 a preliminary application to increase the shareholding in its China affiliate, UBS Securities Co. Limited, from 24.99% to 51%. The transaction is subject to completion of a share purchase from existing shareholders and regulatory approval.

UBS continues to consider further changes to the Group's legal structure in response to regulatory requirements and other external developments. Such changes may include further consolidation of operating subsidiaries in the EU, and adjustments to the booking entity or location of products and services.

Element B.12 is completely replaced as follows:

B.12	Selected	nistoricai
	key	financial
	information	n /
	Material	adverse
	change sta	atement /
	Significant	
	statement.	_

UBS AG derived the selected consolidated financial information included in the table below for the years ended 31 December 2017, 2016 and 2015 from the Annual Report 2017, which contains the audited consolidated financial statements of UBS AG, as well as additional unaudited consolidated financial information, for the year ended 31 December 2017 and comparative figures for the years ended 31 December 2016 and 2015. The selected consolidated financial information included in the table below for the nine months ended 30 September 2018 and 30 September 2017 was derived from the UBS AG Third Quarter 2018 Report, which contains the UBS AG interim consolidated financial statements (unaudited), as well as additional unaudited consolidated financial information, for the nine months ended 30 September 2018 and comparative figures for the nine months ended 30 September 2017.

The consolidated financial statements were prepared in accordance with International Financial Reporting Standards ("IFRS") issued by the International Accounting Standards Board ("IASB") and are stated in Swiss francs ("CHF"). Information for the years ended 31 December 2017, 2016 and 2015 which is indicated as being unaudited in the table below was included in the Annual Report 2017, but has not been audited on the basis that the respective disclosures are not required under IFRS, and therefore are not part of the audited financial statements.

For information on the definition and the reason for the use of the metrics under the heading "Key performance indicators", except those disclosed in accordance with applicable legislation, and "Additional information - Profitability" in the table below, please refer to the respective footnotes.

	As of or for the		As of or for the year ended			
CHF million, except where indicated	30.9.18	30.9.17	31.12.17	31.12.16	31.12.15	
	unau	unaudited		audited, except where indicated		
Results						
Results						
Operating income	22,839	22,237	29,479	28,421	30,605	

Operating profit / (loss) before tax	4,868	4,244	4,998	4,069	5,407
Net profit / (loss) attributable to shareholders	3,690	3,257	845	3,207	6,23!
Key performance indicators					
Profitability and growth					
Return on tangible equity (%) 1	11.3	9.6	2.0*	6.9*	13.5
Cost / income ratio (%) ²	78.5	80.8	82.7*	85.6*	82.0
Net profit growth (%) ³	13.3	26.8	(73.7)*	(48.6)*	78.0
Resources			•		
Common equity tier 1 capital ratio (%) 4,5	13.7	14.0	14.0*	14.5*	15.4
Common equity tier 1 leverage ratio (%) ⁶	3.83	3.76	3.7*	3.7*	3.6
Going concern leverage ratio (%) 7,8	4.6	4.2	4.2*	4.2*	
Profitability Return on equity (%) 9	9.8	8.3	1.6*	5.9*	11.7
Additional information					
Return on risk-weighted assets, gross (%) 10	12.2	12.9	12.8*	13.2*	14.3
Return on leverage ratio denominator, gross (%) 11	3.4	3.4	3.4*	3.2*	
Resources	I				
Total assets	933,091	914,551	916,363	935,353	943,25
Equity attributable to shareholders	50,136	53,246	50,718	53,662	55,24
Common equity tier 1 capital ⁵	34,392	33,337	33,240	32,447	32,04
Risk-weighted assets ⁵	251,428	237,322	236,606*	223,232*	208,186
Going concern capital ratio (%) 8	16.5	15.6	15.6*	16.3*	
Total loss-absorbing capacity ratio (%) ⁸	31.3	31.5	31.4*	29.6*	
Leverage ratio denominator 12	898,894	885,896	887,189*	870,942*	898,251
Total loss-absorbing capacity leverage ratio (%) 8	8.8	8.4	8.4*	7.6*	
Other	•	·	-	•	
Invested assets (CHF billion) 13	3,267	3,054	3,179	2,810	2,67
Personnel (full-time equivalents)	47,091	48,949	46,009*	56,208*	58,131

^{*} unaudited

¹Net profit attributable to shareholders before amortization and impairment of goodwill and intangible assets (annualized as applicable) / average equity attributable to shareholders less average goodwill and intangible assets. This metric provides information on the profitability of the business in relation to tangible equity.

Operating expenses / operating income before credit loss (expense) or recovery. This metric provides information on the efficiency of

the business by comparing operating expenses with gross income.

- ³ Change in net profit attributable to shareholders from continuing operations between current and comparison periods / net profit attributable to shareholders from continuing operations of comparison period. This metric provides information on profit growth in comparison with prior period.
- 4 Common equity tier 1 capital / risk-weighted assets.
- ⁵Based on the Basel III framework as applicable to Swiss systemically relevant banks ("SRB").
- 6 Common equity tier 1 capital / leverage ratio denominator. From 31 December 2015 onward, the leverage ratio denominator calculation is aligned with the Basel III rules.
- ⁷ Total going concern capital / leverage ratio denominator.
- 8 Based on the Swiss SRB rules as of 1 January 2020 according to the revised Swiss SRB framework that became effective 1 July 2016. Figures for prior periods are not available.
- 9 Net profit attributable to shareholders (annualized as applicable) / average equity attributable to shareholders. This metric provides information on the profitability of the business in relation to equity.
- ¹⁰ Operating income before credit loss (annualized as applicable) / average fully applied risk-weighted assets. This metric provides information on the revenues of the business in relation to risk-weighted assets.
- 11 Operating income before credit loss (annualized as applicable) / average fully applied leverage ratio denominator. From 31 December 2015 onward, the leverage ratio denominator calculation is aligned with the Basel III rules. For periods prior to 31 December 2015 the leverage ratio denominator is calculated in accordance with former Swiss SRB rules. Therefore the figure for the period ended on 31 December 2015 is not presented as it is not available on a fully comparable basis. This metric provides information on the revenues of the business in relation to leverage ratio denominator.
- 12 From 31 December 2015 onward, the leverage ratio denominator calculation is aligned with the Basel III rules.
- ¹³ Includes invested assets for Personal & Corporate Banking.

	Material change stat		There has been no material adverse change in the prospects of UBS AG or UBS AG Group since 31 December 2017.
	Significant statement.	_	There has been no significant change in the financial or trading position of UBS AG or UBS AG Group since 30 September 2018, which is the end of the last financial period for which financial information has been published.

b) In the section headed "Section D – Risks"

In Element D.2 the risk factor mentioned in the last bullet point is renamed. Consequently, Element D.2 reads as follows:

D.2	Key information on the key risks that is specific and individual to the issuer.	for prospective investors. An issuer risk is the risk that UBS AG becomes temporarily or permanently unable to meet its obligations under the Securities.
		General insolvency risk Each investor bears the general risk that the financial situation of the Issuer could deteriorate. The debt or derivative securities of the Issuer will constitute immediate, unsecured and unsubordinated obligations of the Issuer, which, in particular in the case of insolvency of the Issuer, rank pari passu with each other and all other current and future unsecured and unsubordinated obligations of the Issuer, with the exception of those that have priority due to mandatory statutory provisions. The Securities are not bank deposits and an investment in the Securities carries risks which are very different from the risk profile of a bank deposit placed with the Issuer or its affiliates. The Issuer's obligations relating to the Securities are not protected by any statutory or voluntary deposit guarantee system or compensation scheme. In the event of insolvency of the Issuer, investors may thus experience a total loss of their investment in the Securities.
		UBS AG as Issuer and UBS are subject to various risks relating to their business activities. Summarised below are the risks that may impact the Group's ability to execute its strategy, and affect its business activities, financial condition, results of operations and prospects, which the Group considers material and is presently aware of:
		Market conditions and fluctuations may have a detrimental effect on UBS's profitability, capital strength, liquidity and funding position
		Substantial changes in the regulation of UBS's businesses may adversely affect its business and UBS's ability to execute its strategic plans
		If UBS is unable to maintain its capital strength, this may adversely affect its ability to execute its strategy, its client franchise and its competitive position
		UBS may not be successful in the ongoing execution of its strategic plans
		Material legal and regulatory risks arise in the conduct of UBS's business
		Operational risks affect UBS's business
		UBS's reputation is critical to the success of its business
		Performance in the financial services industry is affected by market

conditions and the macroeconomic climate

- UK withdrawal from the EU
- UBS may not be successful in implementing changes in its wealth management businesses to meet changing market, regulatory and other conditions
- UBS may be unable to identify or capture revenue or competitive opportunities, or retain and attract qualified employees
- UBS depends on its risk management and control processes to avoid or limit potential losses in its businesses
- Liquidity and funding management are critical to UBS's ongoing performance
- UBS's financial results may be negatively affected by changes to assumptions and valuations, as well as changes to accounting standards
- The effect of taxes on UBS's financial results is significantly influenced by tax law changes and reassessments of its deferred tax assets
- UBS's stated capital returns objective is based, in part, on capital ratios that are subject to regulatory change and may fluctuate significantly
- UBS AG's operating results, financial condition and ability to pay its
 obligations in the future may be affected by funding, dividends and
 other distributions received from UBS Switzerland AG, UBS Americas
 Holding LLC, UBS Limited and other subsidiaries, which may be subject
 to restrictions
- If UBS experiences financial difficulties, FINMA has the power to open resolution or liquidation proceedings or impose protective measures in relation to UBS Group AG, UBS AG or UBS Switzerland AG, and such proceedings or measures may have a material adverse effect on UBS's shareholders and creditors
- Discontinuance of, or changes to, benchmark rates may require adjustments to agreements by UBS, its clients and other market participants, as well as to UBS's systems and processes

However, because the business of a broad-based international financial services firm such as UBS is inherently exposed to risks many of which become apparent only with the benefit of hindsight, risks of which UBS is not presently aware or which it currently does not consider to be material could also adversely affect UBS.

- In relation to the Base Prospectus for Securities of UBS AG, [London] [Jersey] [Branch] dated 1 March 2018 in the section headed "B. Summary of the Base Prospectus (in the Swedish language)" the following changes shall be made:
- a) In the section headed "Avsnitt B Emittent":

Element B.4b is completely replaced as follows:

B.4b	En beskrivning av varje känd trend som påverkar emittenten eller de branscher där emittenten är verksam.	de globala ekonomiska tillväxtutsikterna och normaliseringen av penningpolitiken att stödja UBS verksamhet, även om pågående geopolitiska
		dessa trender fortsatt kommer att paverka Global Wealth Management kundernas transaktioner under det fjärde kvartalet. Något högre volatilitetsnivåer och volymer brukar dock vara gynnsamt för UBS institutionella verksamhet i investeringsbanken. Finansieringskostnader som är hänförbara till långfristiga skulder och kapitalinstrument som emitterats för att överensstämma med finansierings- och likviditetskraven kommer att vara högre än föregående år, men borde i huvudsak vara stabil jämfört med tredje kvartalet.

Element B.5 is completely replaced as follows:

B.5	Beskrivning av koncernen och emittentens plats inom koncernen.	UBS AG är en schweizisk bank och moderbolaget till UBS AG-koncernen. Det ägs till 100 % av UBS Group AG, som är holdingbolaget för UBS-koncernen. UBS bedrivs som en koncern med fyra affärsdivisioner samt ett Corporate Center.
		Under 2014 började UBS att anpassa sin juridiska enhetsstruktur för att förbättra Koncernens förmåga till avveckling för att möta kraven i Schweiz och rekonstruktions- och avvecklingsplaner av andra länder där Koncernen är verksam, avseende företag som anses för stora för att tillåtas fallera. I december 2014 blev UBS Group AG Koncernens holdingbolag.
		Under 2015 överförde UBS AG sin verksamhet inom Personal & Corporate Banking och Wealth Management, som bokförs i Schweiz, till det nyligen etablerade UBS Switzerland AG, ett bankdotterföretag till UBS AG i Schweiz. Under 2016 utsågs UBS Americas Holding LLC till det mellanliggande holdingbolaget för UBS:s dotterbolag i USA, och UBS slog ihop sina Wealth Management-dotterbolag i olika europeiska länder till UBS Europe SE, UBS europeiska dotterbolag med säte i Tyskland. Dessutom överförde UBS majoriteten av de rörelsedrivande dotterbolagen inom Asset Management till UBS Asset Management AG.
		UBS Business Solutions AG, ett helägt dotterföretag till UBS Group AG, etablerades 2015 och agerar som Koncernens serviceföretag. Under 2017 överfördes UBS delade servicefunktioner i Schweiz och Storbritannien från UBS AG till UBS Business Solutions AG. UBS slutförde också överföringen av delade tjänstefunktioner i USA till sitt amerikanska serviceföretag, UBS Business Solutions US LLC, ett helägt dotterbolag till UBS Americas Holding LLC.
		Under 2015 avslutade UBS genomförandet av en mer självförsörjande affärsoch verksamhetsmodell för UBS Limited, dess investeringsdotterföretag i Storbritannien. Givet den fortsatta osäkerheten angående övergångsarrangemangen och de potentiella framtida begränsningarna att erbjuda finansiella tjänster i EU från Storbritannien, håller UBS på att erhålla

tillstånd från myndigheter angående en fusion av UBS Limited och UBS Europe SE. Val av tidpunkt och omfattningen för de åtgärder UBS vidtar, kan variera betydligt från den nuvarande planen beroende på lagstadgade krav och arten av övergångs- eller efterföljande avtal mellan Storbritannien och EU.

Efter China Securities Regulatory Commissions tillkännagivande att utländska investerare får lov att öka sitt procentuella ägande i kinesiska dotterbolag till tak på 51 % av kapitalet och kanske får tillåtelse att öka ägandet till 100 % under 2021, lämnade UBS i maj 2018 in en preliminär ansökan om att öka aktiekapitalet i sitt kinesiska dotterbolag UBS Securities Co. Limited från 24,99 % till 51 %. Transaktionen är föremål för slutförandet av ett aktieköp av befintliga aktieägare och myndigheternas godkännande.

UBS fortsätter att överväga ytterligare förändringar beträffande Koncernens juridiska struktur för att möta regulatoriska krav och andra externa utvecklingar. Sådana förändringar kan inkludera ytterligare konsolidering av rörelsedrivande dotterföretag i EU och justeringar beträffande bokförande enhet eller placeringen av produkter och tjänster.

Element B.12 is completely replaced as follows:

B.12 Utvald historisk finansiell nyckelinformation / Uttalande om väsentliga negativa förändringar / Uttalande om väsentliga förändringar.

UBS AG erhöll utvald konsoliderad finansiell information, inkluderad i tabellen nedan för åren som slutade 31 december 2017, 2016 och 2015 från Årsredovisningen för 2017, vilken innehåller de reviderade konsoliderade finansiella räkenskaperna för UBS AG, liksom ytterligare oreviderad konsoliderad finansiell information, för året som slutade den 31 december 2017 och jämförelsesiffror för åren som slutade den 31 december 2016 och 2015. Den valda konsoliderade finansinformationen som finns i tabellen nedan för de nio månader som avslutades den 30 september 2018 och den 30 september 2017 hänför sig från UBS AG:s Rapport för Tredje Kvartalet 2018 som innehåller UBS AG:s interima koncernredovisning (oreviderad) likväl som ytterligare oreviderad konsoliderad finansiell information för de nio månader som avslutades den 30 september 2018 och jämförande siffror för de nio månader som avslutades den 30 september 2017.

De konsoliderade finansiella räkenskaperna har tagits fram i enlighet med International Financial Reporting Standards ("**IFRS**"), utfärdade av International Accounting Standards Board ("**IASB**"), och anges i schweiziska franc ("**CHF**"). Information för åren som slutade 31 december 2017, 2016 och 2015 vilken indikeras som oreviderad i tabellen nedan, inkluderades i Årsredovisningen för 2017 men har inte reviderats på grund av att de respektive beskrivningarna inte krävs enligt IFRS och därför inte utgör del av de reviderade finansiella räkenskaperna.

För information angående definitioner och orsaken till användandet av mått under rubriken "*Viktiga resultatindikatorer*", utom de som visas enligt tillämplig lag, och "*Ytterligare information - Lönsamhet*" i tabellen nedan, var vänlig referera till respektive fotnoter.

	Per eller för månaderna so		Per eller	för året som slu	ıtade
CHF miljoner, förutom där indikerat	30.09.18	30.09.17	31.12.17	31.12.16	31.12.15
	Orevide	erat	Reviderat,	förutom där in	dikerat
Resultat					
Rörelseintäkter	22 839	22 237	29 479	28 421	30 605
Rörelsekostnader	17 971	17 993	24 481	24 352	25 198
Rörelsevinst / (förlust) före skatt	4 868	4 244	4 998	4 069	5 40
Nettovinst / (förlust) hänförlig till UBS AG aktieägare	3 690	3 257	845	3 207	6 23!
Viktiga resultatindikatorer					
Lönsamhet och tillväxt				· · · · · · · · · · · · · · · · · · ·	
Avkastning på synligt eget kapital (%) ¹	11,3	9,6	2,0*	6,9*	13,5
Kostnads / intäktsrelation (%) ²	78,5	80,8	82,7*	85,6*	82,0
Nettovinsttillväxt (%) ³	13,3	26,8	(73,7)*	(48,6)*	78,0
Resurser					
Primärkapitalrelation (Common equity tier 1 capital ratio) (%) 4,5	13,7	14,0	14,0*	14,5*	15,4
Hävstångsrelation för primärkapital (%) ⁶	3,83	3,76	3,7*	3,7*	3,6
Hävstångsrelation enligt "going concern" (%) 7,8	4,6	4,2	4,2*	4,2*	
Ytterligare information Lönsamhet					
Avkastning på eget kapital (%) ⁹	9,8	8,3	1,6*	5,9*	11,7
Avkastning på riskvägda tillgångar, brutto (%) 10	12,2	12,9	12,8*	13,2*	14,3
Avkastning på hävstångsrelationsnämnare, brutto (%)	3,4	3,4	3,4*	3,2*	
Resurser					
Totala tillgångar	933 091	914 551	916 363	935 353	943 25
Eget kapital hänförligt till aktieägare	50 136	53 246	50 718	53 662	55 24
Primärkapital (Common equity tier 1 capital) ⁵	34 392	33 337	33 240	32 447	32 04
Riskvägda tillgångar ⁵	251 428	237 322	236 606*	223 232*	208 186
Kapitalrelation enligt going concern (%) 8	16,5	15,6	15,6*	16,3*	
Total förlustabsorberingskvot (%) ⁸	31,3	31,5	31,4*	29,6*	
Hävstångsrelationsnämnare 12	898 894	885 896	887 189*	870 942*	898 251
Total förlustabsorberingskapacitetskvot på hävstången(%) ⁸	8,8	8,4	8,4*	7,6*	
Övrigt				· · · · · · · · · · · · · · · · · · ·	
Investerade tillgångar (CHF miljarder) 13	3 267	3 054	3 179	2 810	2 678
Anställda (motsvarande heltidstjänster)	47 091	48 949	46 009*	56 208*	58 131

^{*} oreviderat

¹ Nettovinst hänförlig till aktieägare före nedskrivningar och reserveringar av goodwill och immateriella tillgångar (på årsbasis där tillämpligt) / genomsnittligt eget kapital hänförligt till aktieägare minskat med genomsnittlig goodwill och immateriella tillgångar. Detta mått tillhandahåller information om verksamhetens lönsamhet i förhållande till materiellt kapital.

2 Rörelseutgifter/rörelseintäkter före kreditförlust (utgift) eller återvinning. Detta mått tillhandahåller information om företagets

effektivitet genom att jämföra rörelsekostnader med bruttointäkt.

³ Förändring i nettovinst hänförlig till aktieägare från fortsatt bedrivna verksamheter mellan innevarande och jämförelseperioder/nettovinst hänförlig till aktieägare från fortsatt bedrivna verksamheter under jämförelseperiod. Detta mått tillhandahåller information om vinsttillväxt i förhållande till tidigare period.

⁴ Primärkapital (Common equity tier 1 capital) /riskvägda tillgångar.

⁵ Baserat på Basel III-regelverket så som detta tillämpas på schweiziska systemviktiga banker ("SRB").

⁶ Primärkapital (Common equity tier 1 capital) / hävstångsrelationsnämnare. Från och med 31 december 2015 är beräkningen av

hävstångsrelationsnämnaren fullt lierad med Basel III-reglerna.

- ⁷ Total kapital enligt going concern/hävstångsrelationsnämnare.
- ⁸ Baserat på de schweiziska SRB-reglerna per den 1 januari 2020, enligt de reviderade schweiziska SRB-reglerna som trädde ikraft den 1 juli 2016. Siffror för tidigare perioder är inte tillgängliga.
- . 9 Nettovinst hänförlig till aktieägares profit (på årsbasis där tillämpligt)/genomsnittligt eget kapital hänförligt till aktieägare. Detta mått tillhandahåller information om verksamhetens lönsamhet i förhållande till kapital.
- 10 Operativ inkomst före kreditförlust (på årsbasis där tillämpligt)/genomsnittliga fullt tillämpade riskavvägda tillgångar. Detta mått tillhandahåller information om företagets intäkter i förhållande till riskvägda tillgångar.
- Operativ inkomst före kreditförlust (på årsbasis där tillämpligt)/genomsnittlig fullt tillämpad hävstångsrelationsnämnare. Från och med 31 december 2015 är beräkningen av hävstångsrelationsnämnaren fullt lierad med Basel III-reglerna. För perioder innan 31 december 2015 är hävstångsrelationsnämnaren beräknad i enlighet med tidigare schweiziska SRB-regler. Därför presenteras inte siffran för perioden som avslutats 31 december 2015, då den inte är tillgänglig på en fullt jämförbar basis. Detta mått tillhandahåller information om företagets intäkter i förhållande till hävstångsrelationsnämnaren.

 12 Från och med 31 december 2015 är beräkningen av hävstångsrelationsnämnaren fullt lierad med Basel III-reglerna.
- ¹³ Inkluderar investerade tillgångar inom Personal & Corporate Banking.

Uttalande väsentliga förändring	negativa	Det har inte inträffat någon väsentlig negativ förändring i framtidsutsikterna för UBS AG eller UBS AG-koncernen sedan den 31 december 2017.
Uttalande väsentliga förändrin		Det har inte inträffat någon väsentlig förändring i den finansiella positionen eller handelspositionen för UBS AG eller UBS AG-koncernen sedan den 30 september 2018, vilket är slutet på den senaste finansiella perioden för vilken finansiell information har publicerats.

In the section headed "Avsnitt D - Risker" b)

In Element D.2 the risk factor mentioned in the last bullet point is renamed. Consequently, Element D.2 reads as follows:

Nyckelinformation om väsentliga risker som är specifika och individuella för Emittenten.	Värdepapperen medför emittentrisk, även kallad gäldenärsrisk eller kreditrisk, för potentiella investerare. En emittentrisk är risken att UBS AG tillfälligt eller varaktigt blir oförmögen att fullgöra sina förpliktelser i relation till Värdepapperen. Generell risk för insolvens Varje investerare bär den generella risken att den finansiella situationen för Emittenten kan försämras. Emittentens skuld- och derivatinstrument utgör direkta, icke säkerställda och icke efterställda förpliktelser för Emittenten, vilka, i synnerhet i händelse av Emittentens insolvens, rangordnas lika med varandra och med samtliga andra av Emittentens nuvarande och framtida icke säkerställda och icke efterställda förpliktelser, med undantag för dem som har förmånsrätt enligt tvingande lagregler. Värdepapperna är inte banktillgodohavande och en investering i Värdepapper innebär risker som är mycket olika riskprofilen för ett banktillgodohavande som är placerat hos Emittenten eller dennes dotterbolag. Emittentens förpliktelser i relation till Värdepapperen garanteras inte av något lagstadgat eller frivilligt system av insättningsgarantier eller kompensationsplaner. Om Emittenten blir insolvent kan följaktligen investerare lida en total förlust av sina investeringar i Värdepapperen.
	UBS AG som Emittent och UBS är utsatta för olika riskfaktorer i sin affärsverksamhet. Sammanfattade nedan är de risker som kan påverka Koncernens förmåga att verkställa sin strategi, och påverka dess affärsverksamhet, finansiella ställning, verksamhetsresultat och utsikter, vilka Koncernen anser är väsentliga och för närvarande är medveten om:
	 Marknadsförhållanden och fluktuationer kan ha en skadlig inverkan på UBS:s lönsamhet, kapitalstyrka, dess likviditet och finansieringsposition. Väsentliga ändringar av styrningen av UBS:s verksamhet kan negativt påverka dess verksamhet och UBS:s förmåga att verkställa sina
	risker som är specifika och individuella för

strategiska planer.

- Om UBS är oförmöget att bibehålla sin kapitalstyrka, kan detta negativt påverka dess förmåga att verkställa sin strategi, dess klientverksamhet och dess konkurrensposition.
- UBS är kanske inte framgångsrikt i det löpande verkställandet av sina strategiska planer.
- Betydande juridiska och regulatoriska risker uppkommer vid driften av UBS verksamhet.
- Operationella risker påverkar UBS verksamhet.
- UBS:s renommé är avgörande för framgången för dess verksamhet.
- Utvecklingen inom den finanstjänsteindustrin påverkas av marknadsförhållanden och det makroekonomiska klimatet.
- Storbritannien går ut ur EU.
- UBS kanske inte lyckas att verkställa förändringar inom sina förmögenhetsförvaltningsverksamheter för att möta förändrade marknads- regulatoriska och andra förhållanden.
- UBS är kanske inte i stånd att att identifiera eller tillvarata intäkts- eller konkurrensmöjligheter eller att behålla och attrahera kvalificerade anställda.
- UBS är beroende av sina riskhanterings- och kontrollprocesser för att undvika eller begränsa potentiella förluster inom sina företag.
- Likviditets- och finansieringsförvaltning är avgörande för UBS:s löpande utveckling.
- UBS:s finansiella resultat kan påverkas negativt av ändringar i antaganden och värderingar samt i redovisningsstandarder.
- Inverkan av skatter på UBS:s finansiella resultat påverkas i betydande mån av ändringar i skattelagen och omvärderingar av dess uppskjutna skattefordringar
- UBS:s angivna kapitalutdelningsmål är baserat, till en del, på kapitalrelationer som är föremål för regleringsförändringar och kan i hög grad fluktuera.
- UBS AG:s rörelseresultat, finansiella ställning och förmåga att betala sina förpliktelser i framtiden kan påverkas av finansiering, utdelningar och andra överföringar som erhålls från UBS Switzerland AG, UBS Americas Holding LLC, UBS Limited och andra dotterföretag, vilket kan vara föremål för begränsningar.
- Om UBS erfar finansiella svårigheter har FINMA befogenheten att starta resolutions- eller likvidationsförfaranden eller införa skyddsåtgärder avseende UBS Group AG, UBS AG eller UBS Switzerland AG, och sådana förfaranden eller åtgärder kan ha en betydande negativ inverkan för UBS:s aktieägare och borgenärer.
- Upphörande eller förändring av referensräntan kan påkalla justeringar av avtal som UBS ingått, dess kunder och andra marknadsaktörer, liksom UBS system och processer.

Men eftersom verksamheten i ett brett baserat internationellt
finanstjänsteföretag som UBS till sin inneboende natur är exponerad mot
risker, varav många blir uppenbara endast i efterhand, kan risker som UBS
inte för närvarande är medvetet om eller som det för närvarande inte
betraktar som väsentliga också negativt påverka UBS.

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Zurich, 4 December 2018

UBS AG