



**FOURTH SUPPLEMENT DATED 6 NOVEMBER 2018
TO THE BASE PROSPECTUS DATED 22 JUNE 2018
AS SUPPLEMENTED BY
THE FIRST SUPPLEMENT DATED 6 JULY 2018
THE SECOND SUPPLEMENT DATED 31 JULY 2018 AND
THE THIRD SUPPLEMENT DATED 7 AUGUST 2018**

Deutsche Bank Aktiengesellschaft

(Frankfurt am Main, Germany)

Euro 80,000,000,000 Debt Issuance Programme

This document constitutes a supplement (the "**Supplement**") to the base prospectus dated 22 June 2018 (the "**Prospectus**") for the purpose of article 13 of Chapter 1 of Part II of the Luxembourg Law dated 10 July 2005 on prospectuses for securities, as amended (the "**Law**") and prepared in connection with the EUR 80,000,000,000 Debt Issuance Programme (the "**Programme**") established by Deutsche Bank Aktiengesellschaft (the "**Issuer**"). Terms defined in the Prospectus have the same meaning when used in this Supplement.

This Supplement is supplemental to, and should be read in conjunction with, the Prospectus, as supplemented by the First Supplement dated 6 July 2018 (the "**First Supplement**"), the Second Supplement dated 31 July 2018 (the "**Second Supplement**") and the Third Supplement dated 7 August 2018, and all documents incorporated by reference in the Prospectus.

The purpose of this Supplement is to amend disclosure contained in the Prospectus and relating to the Issuer, in particular following the publication on 24 October 2018 of the unaudited interim report as of 30 September 2018 of the Issuer (the "**Q3 2018 Interim Report**").

The Issuer accepts responsibility for the information contained in this Supplement (including any information incorporated by reference in the Prospectus by this Supplement). To the best of the knowledge of the Issuer (which has taken all reasonable care to ensure that such is the case) the information contained in this Supplement (including any information incorporated by reference in the Prospectus by this Supplement) is in accordance with the facts and does not omit anything likely to affect the import of such information.

This Supplement and the Q3 2018 Interim Report will be published in electronic form on the website of the Luxembourg Stock Exchange (www.bourse.lu) and on the website of the Issuer (www.db.com/ir).

Any investor who may wish to exercise any withdrawal right arising pursuant to Article 13 paragraph 2 of the Law as a result of the publication of this Supplement must exercise that right on or before 8 November 2018.

The Issuer has requested the *Commission de Surveillance du Secteur Financier* (the "**CSSF**") to provide the competent authorities in Austria, Belgium, Denmark, France, Germany, Ireland, Italy, the Netherlands, Portugal, Spain, Sweden and the United Kingdom of Great Britain and Northern Ireland with a certificate of approval (a "**Notification**") attesting that this Supplement has been drawn up in accordance with the Law. The Issuer may request the CSSF to provide competent authorities in additional Member States within the European Economic Area with a Notification.

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A. Q3 2018 Interim Report

Following the publication on 24 October 2018 of the Issuer's Q3 2018 Interim Report, the disclosure contained in the Prospectus and relating to the Issuer shall be amended as follows:

I. SUMMARY

- The subsection on "Selected historical key financial information" on pages 11 and 12 of the Prospectus in Element B.12 of the Summary (as replaced by the Second Supplement) shall be replaced by the following:

"

B.12	Selected historical key financial information	The following table shows an overview from the balance sheet of Deutsche Bank AG which has been extracted from the respective audited consolidated financial statements prepared in accordance with IFRS as of 31 December 2016 and 31 December 2017, as well as from the unaudited consolidated interim financial statements as of 30 September 2017 and 30 September 2018. The information on share capital (in EUR) and number of ordinary shares is based on the internal accounting of Deutsche Bank and is unaudited.				
			31 December 2016	30 September 2017	31 December 2017	30 September 2018
		Share capital (in EUR)	3,530,939,215.36	5,290,939,215.36	5,290,939,215.36	5,290,939,215.36
		Number of ordinary shares	1,379,273,131	2,066,773,131	2,066,773,131	2,066,773,131
		Total assets (in million Euro)	1,590,546	1,521,454	1,474,732	1,379,982
		Total liabilities (in million Euro)	1,525,727	1,450,844	1,406,633	1,311,194
		Total equity (in million Euro)	64,819	70,609	68,099	68,788
		Common Equity Tier 1 capital ratio ¹	13.4%	14.6%	14.8%	14.0% ²
		Tier 1 capital ratio ¹	15.6%	17.0%	16.8%	16.2% ³
		¹ Capital ratios are based upon transitional rules of the CRR/CRD 4 capital framework.				
		² The Common Equity Tier 1 capital ratio as of 30 September 2018 on the basis of CRR/CRD 4 fully loaded was 14.0%.				
		³ The Tier 1 capital ratio as of 30 September 2018 on the basis of CRR/CRD 4 fully loaded was 15.3%.				

"

2. The subsection on "Significant changes in the financial or trading position" on page 12 of the Prospectus in Element B.12 of the Summary (as replaced by the Second Supplement) shall be replaced by the following:

"

	Significant changes in the financial or trading position	Not applicable. There has been no significant change in the financial position or trading position of Deutsche Bank since 30 September 2018.
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II. DESCRIPTION OF THE ISSUER

1. At the end of the subsection "FINANCIAL INFORMATION CONCERNING DEUTSCHE BANK'S ASSETS AND LIABILITIES, FINANCIAL POSITION AND PROFITS AND LOSSES – *Interim Financial Information*" on page 91 of the Prospectus (as amended by the Second Supplement), the following text shall be added:

"The unaudited consolidated interim financial information as of 30 September 2018 of Deutsche Bank Group is incorporated by reference in, and forms part of, this Prospectus (see the section "DOCUMENTS INCORPORATED BY REFERENCE")."

2. The text of the subsection "FINANCIAL INFORMATION CONCERNING DEUTSCHE BANK'S ASSETS AND LIABILITIES, FINANCIAL POSITION AND PROFITS AND LOSSES – Significant Change in Deutsche Bank Group's Financial Position" on page 107 of the Prospectus (as replaced by the First Supplement) shall be replaced by the following:

"There has been no significant change in the financial position of Deutsche Bank Group since 30 September 2018."

III. DOCUMENTS ON DISPLAY

On page 969 of the Prospectus the text of bullet point (c) shall be replaced by the following text:

- "(c) the unaudited consolidated interim reports of the Issuer for the three months ended 31 March 2018, the six months ended 30 June 2018 and the nine months ended 30 September 2018 (in German language and each with an English language translation thereof);"

IV. DOCUMENTS INCORPORATED BY REFERENCE

1. On page 970 of the Prospectus in the subsection "Documents Incorporated by Reference" the bullet points (k) (as replaced by the Second Supplement) and (l) (as added by the Second Supplement) shall be replaced by the following bullet points (k), (l) and (m):

"(k) the Sixth Supplement to the 2017 Prospectus dated 26 January 2018 (the "**Sixth Supplement to the 2017 Prospectus**");

(l) the Q2 2018 Interim Report of the Issuer for the six months ended 30 June 2018; and

(m) the Q3 2018 Interim Report of the Issuer for the nine months ended 30 September 2018."

2. The following text shall be added on page 971 of the Prospectus as the first paragraph (as added by the Second Supplement) of the subsection "Cross-Reference List of Documents Incorporated by Reference":

"Page 84 – Description of the Issuer – Trend Information – Outlook: reference is made to the Q3 2018 Interim Report of the Issuer for the nine months ended 30 September 2018."

3. The following text shall be added on page 971 of the Prospectus (as amended by the Second Supplement) after the former third paragraph (new fourth paragraph) of the subsection "Cross-Reference List of Documents Incorporated by Reference" (relating to the Q3 2018 Interim Report of the Issuer):

"Page 91 – Description of the Issuer – Interim Financial Information: reference is made to the Q3 2018 Interim Report of the Issuer for the nine months ended 30 September 2018."

4. The following subsection (3b) shall be added on page 973 of the Prospectus after subsection (3a) (as added by the Second Supplement) of the subsection "Cross-Reference List of Documents Incorporated by Reference":

"(3b) *The following information is set forth in the Q3 2018 Interim Report of the Issuer for the nine months ended 30 September 2018:*

	Page(s)
Unaudited Consolidated Interim Financial Information Q3 2018	
Review Report	118
Consolidated Statement of Income (unaudited)	59
Consolidated Statement of Comprehensive Income (unaudited)	60
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Risk Report – Risk and Capital Performance	34 - 42
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B. Amendments of Other Disclosure Relating to the Issuer

I. SUMMARY

The subsection "Controlling persons" on page 13 of the Prospectus in Element B.16 of the Summary (as replaced by the Second Supplement) shall be replaced by the following:

B.16	Controlling persons	Not applicable. Based on notifications of major shareholdings pursuant to the German Securities Trading Act (<i>Wertpapierhandelsgesetz</i> , WpHG), there are only six shareholders holding more than 3 but less than 10 per cent. of the Issuer's shares or to whom more than 3 but less than 10 per cent. of voting rights are attributed. To the Issuer's knowledge there is no other shareholder holding more than 3 per cent. of the shares or voting rights. The Issuer is thus not directly or indirectly majority-owned or controlled.
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II. DESCRIPTION OF THE ISSUER – TREND INFORMATION

The text of the subsection "Outlook" on pages 84 to 88 of the Prospectus (as replaced by the Second Supplement) shall be replaced by the following:

"Deutsche Bank is going to focus on executing the strategic updates announced in the second quarter of 2018. Deutsche Bank's primary target is to generate a post-tax return on average tangible equity of greater than 4 % in 2019. To achieve this, Deutsche Bank believes it will need to grow revenues and reduce adjusted costs in 2018 and 2019, driven in part by headcount reductions. Deutsche Bank aims to achieve its remaining key performance indicators over time, consistent with becoming a simpler and safer bank.

Deutsche Bank's most important key performance indicators are shown in the table below:

	30 September 2018 (IFRS, unaudited)*	Target Key Performance Indicators
Near-term operating targets		
Post-tax Return on Average Tangible Equity ¹	1.7 %	2019: greater than 4.0 %
Adjusted costs ²	€ 17.4 bn	2018: € 23 bn 2019: € 22 bn
Employees ³	94,717	2018: below 93,000 2019: well below 90,000
Long-term operating target		
Post-tax Return on Average Tangible Equity ¹	1.7 %	circa 10.0 %
Capital targets		
CRR/CRD 4 Common Equity Tier 1 capital ratio	14.0 %	above 13.0 %
CRR/CRD 4 leverage ratio according to transitional rules (phase-in)	4.2 %	4.5 %

* Extracted from the Interim Report as of 30 September 2018.

¹ Based on Net Income attributable to Deutsche Bank shareholders. Calculation is based on an effective tax rate of 55 % (nine months ended 30 September 2018).

² Adjusted costs are noninterest expenses excluding impairment of goodwill and other intangible assets, litigation and restructuring and severance.

³ Internal full-time equivalents.

The subsections "Other Information (unaudited) – Non-GAAP Financial Measures", "Risk Report – Risk and Capital Performance" and "Risk Report – Leverage Ratio" set forth in the Q3 2018 Interim Report of the Issuer for the nine months ended 30 September 2018 are incorporated by reference in, and form part of, this Prospectus (see the section "Documents Incorporated by Reference").

For 2018, Deutsche Bank expects revenues to be slightly lower compared to 2017 in a continued robust macroeconomic environment. The outlook also reflects Deutsche Bank's current estimates of the impact of adjustments to its Corporate & Investment Bank strategy initially announced in April 2018. Deutsche Bank expects these adjustments to have a negative impact on its revenues in 2018 compared to its previous expectations.

Deutsche Bank is committed to working towards a target for its Post-tax Return on Average Tangible Equity of greater than 4 % in 2019. The successful ongoing implementation of its strategy including critical restructuring of a number of its businesses and the implementation of cost reduction measures remains key to reaching that target. Over time Deutsche Bank aspires to achieve a circa 10 % Post-tax Return on Average Tangible Equity in a normalized environment and on the basis of the achievement of its cost targets. For the remaining year 2018, Deutsche Bank currently expects a moderate improvement in its Post-tax Return on Average Tangible Equity.

Deutsche Bank is committed to reduce adjusted costs for 2018 to € 23 billion. To meet the 2018 adjusted costs commitment, Deutsche Bank implemented additional cost reduction measures. Deutsche Bank targets to reduce the workforce to below 93,000 internal full-time equivalents (FTE) by the end of 2018 as well as delayering management structures across the organization and the completion of strategic disposals. Further measures include a rationalization of vendor costs and Deutsche Bank's real estate footprint worldwide, as well as working to improve the efficiency of its control systems. Deutsche Bank targets to further reduce its adjusted costs to € 22 billion and its workforce to well below 90,000 FTE by year-end 2019 assuming a successful execution of its strategic measures within the planned timeframes and no material distortion of foreign exchange rates. Deutsche Bank expects its CRR/CRD 4 Common Equity Tier 1 capital ratio to be negatively impacted by pending supervisory assessments but in any case for it to remain well above 13 % in the final quarter of 2018. Deutsche Bank expects its CRR/CRD 4 leverage ratio (phase-in) to remain above 4 % in the final quarter of 2018. Absent supervisory adjustments, year-end 2018 risk weighted assets (RWA) and CRR/CRD 4 leverage exposure should be broadly unchanged compared to the third quarter of 2018. With the transition to IFRS 16 as of 1 January 2019, Deutsche Bank expects to see a further decline in its CRR/CRD 4 Common Equity Tier 1 capital ratio of approximately 20 basis points as Deutsche Bank recognizes certain lease contracts on its balance sheet.

Deutsche Bank targets a competitive dividend payout ratio. These dividend payments are subject to Deutsche Bank's ability to maintain sufficient levels of distributable profits under its standalone financial statements in accordance with German accounting rules (HGB) for the fiscal year 2018.

By the nature of its business, Deutsche Bank is involved in litigation, arbitration and regulatory proceedings and investigations in Germany and in a number of jurisdictions outside Germany, especially in the US. Such matters are subject to many uncertainties. While Deutsche Bank has resolved a number of important legal matters and made progress on others, it expects the litigation and enforcement environment to remain challenging in the short term. Litigation expenses in 2017 and in the first three quarters of 2018 were relatively low as a result of Deutsche Bank's successful efforts in resolving a number of matters at or below estimated provisions. For the remainder of 2018, and with a caveat that forecasting litigation expense is subject to many uncertainties, Deutsche Bank expects litigation to be higher than in the first three quarters of 2018, but well below the elevated levels observed over the past number of years.

The Business Segments

Corporate & Investment Bank (CIB)

CIB's aim is to provide efficient and seamless client coverage for Deutsche Bank's offering of investment and transaction banking products and services for corporate and institutional clients and thereby generate attractive returns for its shareholders. In the third quarter of 2018, Deutsche Bank completed the execution of the headcount and resource reduction in CIB that Deutsche Bank had announced and initiated in the second quarter of 2018. Measures included firstly, to reprioritize Deutsche Bank's presence in Corporate Finance in sectors where it has a strong market position, secondly, a decrease of leverage exposure within Equities, mainly in Prime Finance and US Rates including repo financing, and, thirdly, a reduction of its Equities headcount by approximately 25 %. While Deutsche Bank expects these measures to have a negative impact on its revenues in 2018, Deutsche Bank expects them to improve its returns in the medium term. Significant headwinds remain, including higher funding

costs, regulatory pressure, continued pressure on financial resources and the potential impact of geo-political events. Deutsche Bank expects its revenues, adjusted for DVA (Debt Valuation Adjustment) and a gain on sale on an asset disposal in Global Transaction Banking (GTB), in 2018 to be lower compared to 2017. On a reported basis, Deutsche Bank expects Corporate & Investment Bank revenues to be lower year over year.

For GTB, Deutsche Bank expects revenues in 2018 to be slightly lower compared to 2017, as benefits from interest rate increases in the US are offset by unfavorable foreign exchange rate movements and higher funding costs. Deutsche Bank also expects margin pressure and continued low interest rates in Europe to be ongoing headwinds.

Origination & Advisory revenues are expected to be lower in 2018 year over year. While the business gained modest share in the first three quarters of 2018 compared to the full year 2017, the fee pool in 2018 is down year over year. In this business Deutsche Bank has focused its Corporate Finance business on industries and segments which align with its multi-national client base, and on underwriting and financing products in which it enjoys a leadership position, which may reduce revenues versus prior year.

In 2018, Deutsche Bank expects Sales & Trading Fixed Income and Currencies (FIC) revenues to be lower compared to 2017. Reduced client activity has impacted Deutsche Bank's European Rates business in addition to the strategic adjustments to its US platform. Global Credit Trading has seen reduced activity in flow businesses and fewer significant revenue events in Structured Credit compared to the prior year. Unfavorable foreign exchange rate movements in the first half of the year and increased funding costs are also likely to negatively impact revenues within the Sales & Trading (FIC) business.

Deutsche Bank expects Sales & Trading (Equity) revenues to be lower in 2018 compared to 2017, partly as a result of the strategic adjustments implemented. The year over year reduction is expected to be driven by all three businesses, mainly from underperformance in the first three quarters of 2018. In Equity Trading lower levels of commissions in the first three quarters of 2018 are likely to continue into the fourth quarter of 2018. In Prime Finance, higher funding costs have impacted revenues. Equity Derivatives revenues have been lower year over year in the first half of the year.

The strategic actions announced in the second quarter of 2018 support Deutsche Bank's intention to reduce costs significantly across CIB including front, middle and back offices, and related infrastructure functions to drive platform efficiency while enhancing regulatory compliance, control and conduct. Noninterest expenses for 2018 are expected to be essentially flat, while adjusted costs are expected to be slightly lower, driven by both reduced compensation and non-compensation costs. For 2018, Deutsche Bank expects RWA in CIB to be essentially flat as pressure from methodology changes and higher Operational Risk RWA is likely to be offset by reductions in business assets, including the legacy non-strategic portfolio and the impacts of adjusting its strategy. Deutsche Bank intends to focus on regulatory compliance, know-your-client (KYC) and client on-boarding process enhancement, system stability and control and conduct.

Risks to Deutsche Bank's outlook include potential impacts on its business model from Brexit and the future impact of the Basel III framework agreement. Uncertainty around central bank policies and ongoing regulatory developments also pose risks, while challenges such as event risks and levels of client activity may also have an adverse impact. Execution risk around CIB's updated strategy remains. Despite this, Deutsche Bank believes that execution on the adjusted strategic priorities, including regaining market share in its core businesses, will enable CIB to drive towards sustainable returns.

Private & Commercial Bank (PCB)

Deutsche Bank's goal in PCB is to provide its private, corporate and wealth management clients with a comprehensive range of products from standard banking services to individual investment and financing advice, and to drive attractive returns for its shareholders. Its product offering is supported by a global network, strong capital market and financing expertise, and innovative digital services.

Deutsche Bank's focus in 2018 is to continue with the transformation of its core businesses. In its German home market, Deutsche Bank has created the largest Private & Commercial Bank after the legal merger of Postbank and Deutsche Bank's private and commercial clients business in Germany into DB Privat- und Firmenkundenbank AG, by serving more than 20 million customers. Deutsche Bank's focus is now on the further implementation of the detailed integration plans. In its Private and Commercial Business (International), Deutsche Bank consequently executes measures along the lines of the bank's strategy. The disposal of the majority of Deutsche Bank's retail banking business in Poland to Santander Bank Polska (formerly Bank Zachodni WBK), announced in December

2017, is progressing as planned. The parties are aiming to close the transaction in the fourth quarter of 2018. Also, the sale of the retail banking business in Portugal to ABANCA Corporación Bancaria S.A, announced in March 2018, is progressing on track and the parties are aiming to close the transaction in the first half of 2019, subject to regulatory approvals and the finalization of separation measures. In its remaining international locations, Deutsche Bank intends to continue to transform its businesses with the objective to improve client coverage and efficiency. In Wealth Management, Deutsche Bank's emphasis will be to further transform and grow its franchise. This includes the integration of Sal. Oppenheim's private customer business into Deutsche Bank's German business as well as the further expansion in important growth markets. In addition, Deutsche Bank is continuing to invest in digital capabilities across all business areas.

Deutsche Bank expects revenues in 2018 to be essentially flat compared to 2017. Its revenues in 2017 benefited from material specific items, which Deutsche Bank does not expect to repeat to the same degree in 2018. Margins in the deposit business will continue to be negatively impacted by the low interest rate environment. However, Deutsche Bank assumes that it will be able to compensate for this by growth in loan revenues, so that it expects its net interest income to remain essentially flat compared to 2017.

Deutsche Bank expects assets under management to be essentially flat in 2018. Business growth in investment products and favorable foreign exchange rate movements are expected to be offset by negative market effects. Deutsche Bank also assumes that its RWA will be essentially flat compared to the end of 2017 as the impact related to its growth strategy in the loan businesses is expected to be offset by disposal effects in its international business and lower operational risk RWA.

In 2018, provision for credit losses is expected to be higher than in 2017, which benefited from specific factors including a material release in Deutsche Bank's Private and Commercial Business (Germany). Provisions for credit losses are also likely to increase as Deutsche Bank executes on its growth strategy in the loan businesses, and the implementation of changes in accounting standards (IFRS 9) will likely increase the volatility of provisions for credit losses compared to previous years.

Deutsche Bank expects that noninterest expenses in 2018 will be slightly lower compared to 2017. The decline is mainly attributable to significantly lower restructuring expenses. In 2017, approximately € 350 million expenses were incurred for the merger project in Germany. Deutsche Bank expects significantly lower restructuring expenses for this project in 2018. Adjusted costs should remain essentially flat in 2018 with further savings from Deutsche Bank's executed reorganization measures likely to be offset by higher investment costs, in particular related to the merger project in Germany, but also for further investments in digitization, the ongoing transformation of the Private and Commercial Business (International) and Wealth Management, as well as inflationary effects.

Uncertainties that could affect Deutsche Bank's outlook in 2018 include slower economic growth in its main operating countries, further decline in global interest rates and higher than expected volatility in the equity and credit markets, which could have a negative impact on its clients' investment activities. The implementation of extended regulatory requirements such as the Payment Services Directive 2 (PSD 2) and the outcome of ongoing legal developments including the resolution of the ruling related to the Regulation of the Stamp duty in mortgages in Spain also pose risks, and possible delays in the implementation of its strategic projects could also have a negative impact on its revenue and costs.

Asset Management

Deutsche Bank believes that Asset Management, with its strong and diverse investment capabilities, is well positioned to address the challenges facing the industry and capture opportunities. For the remainder of 2018, Deutsche Bank remains confident about the global economy and continue to expect no recession in the US within the forecast horizon. At the same time, political risks have heightened. Growth in industrialized countries should remain healthy, while emerging markets should continue to grow at a faster rate. These trends are expected to impact investor risk appetite and potentially also asset flows. By anticipating and responding to investor needs, Deutsche Bank aspires to be the investment partner of choice for its global client base.

Over the medium term, the industry's global assets under management are expected to substantially increase, driven by strong net flows in passive strategies, alternatives and multi asset solutions, as clients increasingly demand value for money, transparency and outcome oriented products. Due to its capabilities in active and passive products, alternative investments and multi asset solutions, Deutsche Bank believes that it is well positioned to grow market share. While its digital capabilities are also creating new channels for

Deutsche Bank to distribute products and services, bottom line results are expected to be challenged by fee compression, rising costs of regulation and competitive dynamics. In the face of this challenge, Deutsche Bank intends to focus its growth initiatives on products and services where it can differentiate itself, while maintaining cost discipline.

Over the next twelve months, Deutsche Bank intends to continue undertaking selective investments to expand client coverage and to improve product and digital capabilities. This is coupled with the anticipated delivery of efficiency gains from an operating platform review primarily across the business support organization with the aim of simplifying business operations to enhance client service, business controls and efficiency.

Deutsche Bank expects revenues for the full year 2018 to be lower than in 2017. Management fees are projected to be slightly lower than 2017 due to net outflows, moderate margin compression, the absence of revenues from sold and discontinued businesses, and subject to market conditions for the remainder of the year. Performance and transaction fees are expected to be significantly lower reflecting the periodic nature of the recognition of performance fees in certain funds. Other revenues are expected to be significantly lower driven by non-recurrence of an insurance recovery and profit/ loss on sale from sold businesses.

In the first three quarters of 2018, assets under management were negatively impacted by net outflows, partly offset by favorable foreign exchange rate movements and positive market performance. Looking ahead for the remainder of 2018, given the volatility of markets, investor sentiment and the US tax reform dynamics, Deutsche Bank believes its ability to compensate for the net outflows of the first three quarters of 2018 will be very limited, and it will therefore be unlikely that Deutsche Bank achieves the annual net flow target for this year.

In the face of the challenges that the industry faces, Deutsche Bank is focusing its growth initiatives on products and services where it can differentiate (e.g. Alternative credit, ETF, Systematic and Quantitative Investment) as well as executing on cost saving initiatives from which Deutsche Bank expects to see further results in the quarters to come. Deutsche Bank is currently on track to achieve 20 % to 30 % of its gross savings target by the end of 2018, which will result in slightly lower noninterest expenses and adjusted costs year over year.

Risks to Deutsche Bank's outlook include the pace of growth in global net flows, the development of global equity markets, foreign exchange rate movements, central bank policies, interest rates, global macroeconomic growth and the political developments including Brexit, Italian budget discussion, mid-term elections in the US and other political uncertainty worldwide. In addition, unforeseen regulatory costs and possible delays in the implementation of Deutsche Bank's efficiency measures due to jurisdictional restrictions could have an adverse impact on its cost base."

III. DESCRIPTION OF THE ISSUER – ADMINISTRATIVE, MANAGEMENT AND SUPERVISORY BODIES

1. The text of the subsection "Administrative, Management, and Supervisory Bodies" on pages 88 to 90 of the Prospectus (as amended by the First Supplement and the Second Supplement) shall be replaced by the following:

"The **Management Board** consists of the following members:

Christian Sewing

Chairman; Communications and Corporate Social Responsibility (CSR); Group Audit (administratively only, in all other aspects collective responsibility of the Management Board); Art, Culture and Sports; Chief Operating Officer¹; Head of Asset Management (AM), Head of Region Americas; Head of Region EMEA;

¹ Until 1 January 2019. As from 1 January 2019 DB's COO Frank Kuhnke, who combines the responsibility for Chief Information Office, Chief Security Office, Chief Data Office, Digital Strategy and Innovation, Corporate Service, and Operations CIB and Client Data Services, has been appointed member of the Management Board.

Garth Ritchie	Deputy Chairman; Head of Corporate & Investment Bank (CIB); Head of Region UKI (UK & Ireland)
Karl von Rohr	Deputy Chairman; Chief Administrative Officer; Head (CEO) of Region Germany
Stuart Wilson Lewis	Chief Risk Officer
Sylvie Matherat	Chief Regulatory Officer
James von Moltke	Chief Financial Officer; Investor Relations; Infrastructure Transformation; Corporate M&A and Corporate Investments
Werner Steinmüller	Head (CEO) of Region APAC
Frank Strauß	Head of Private & Commercial Bank (PCB)
Nicolas Moreau ²	–

The **Supervisory Board** consists of the following members:

Dr. Paul Achleitner	Chairman of the Supervisory Board of Deutsche Bank AG
Detlef Polaschek*	Deputy Chairman of the Supervisory Board of Deutsche Bank AG; Member of the General Staff Council of Deutsche Bank AG and DB Privat- und Firmenkundenbank AG
Ludwig Blomeyer-Bartenstein*	Spokesperson of the Management and Head of the Market Region Bremen of Deutsche Bank AG
Frank Bsirske*	Chairman of the trade union ver.di (<i>Vereinte Dienstleistungsgewerkschaft</i>)
Mayree Carroll Clark	Founder and Managing Partner of Eachwin Capital LP; Member of the Board of Directors, Ally Financial, Inc., Detroit, USA; Member of the Board of Directors, Regulatory Data Corp., Inc., Pennsylvania, USA; Member of the Board of Directors, Taubman Centers, Inc., Bloomfield Hills, USA
Jan Duscheck*	Head of national working group Banking, trade union ver.di
Gerhard Eschelbeck	Vice President Security & Privacy Engineering, Google Inc
Katherine Garrett-Cox	Managing Director and Chief Executive Officer, Gulf International Bank (UK) Ltd.
Timo Heider*	Chairman of the General Staff Council of BHW Bausparkasse AG / Postbank Finanzberatung AG; Chairman of the General Staff Council of BHW Kreditservice GmbH; Chairman of the Staff Council of BHW Bausparkasse AG, BHW Kreditservice GmbH, Postbank Finanzberatung AG and BHW Holding GmbH; Deputy Chairman of the Group Staff Council of Deutsche

² Member of the Management Board until 1 January 2019.

	Bank AG
Martina Klee*	Deputy Chairperson of the Staff Council PWCC Center Frankfurt of Deutsche Bank
Henriette Mark*	Chairperson of the Combined Staff Council Southern Bavaria of Deutsche Bank; Member of the General Staff Council of Deutsche Bank; Member of the Group Staff Council of Deutsche Bank
Richard Meddings	Executive Chairman of the Board at TSB Bank PLC; Non-Executive Director at Jardine Lloyd Thompson Group PLC
Gabriele Platscher*	Chairperson of the Staff Council Niedersachsen Ost of Deutsche Bank
Bernd Rose*	Chairman of the General Staff Council of Postbank Filialvertrieb AG; Member of the Group Staff Council of Deutsche Bank; Member of the European Staff Council of Deutsche Bank
Gerd Alexander Schütz	Founder and Member of the Management Board, C-QUADRAT Investment Aktiengesellschaft
Prof. Dr. Stefan Simon	Self-employed attorney at law with his own law firm, SIMON GmbH; Chairman of the Advisory Council of Leop. Krawinkel GmbH & Co. KG, Bergneustadt
Stephan Szukalski*	Federal Chairman of the German Association of Bank Employees (<i>Deutscher Bankangestellten-Verband; DBV</i>) – Trade Union of Financial Service Providers (<i>Gewerkschaft der Finanzdienstleister</i>)
John Alexander Thain	Member of the Board of Directors, Uber Technologies, Inc., San Francisco, USA; Member of the Board of Directors, Enjoy Technology, Inc., Menlo Park, USA
Michele Trogni	Member of the Board of Directors, Morneau Shepell Inc., Toronto, Canada; Chairperson of the Board of Directors, Capital Markets Gateway Inc., Chicago, USA Non-Executive Director, Global Atlantic Financial Group Limited, Bermuda
Prof. Dr. Norbert Winkeljohann	Self-employed corporate consultant, Norbert Winkeljohann Advisory & Investments; Member of the Supervisory Board of Bayer AG; Chairman of the Supervisory Board of Heristo Aktiengesellschaft

* Elected by the employees in Germany.

The members of the Management Board accept membership on the Supervisory Boards of other corporations within the limits prescribed by law.

The business address of each member of the Management Board and of the Supervisory Board of Deutsche Bank is Taunusanlage 12, 60325 Frankfurt am Main, Germany.

There are no conflicts of interest between any duties to Deutsche Bank and the private interests or other duties of the members of the Supervisory Board and the Management Board.

Deutsche Bank has issued and made available to its shareholders the declaration prescribed by § 161 German Stock Corporation Act (*Aktiengesetz, AktG*)."

2. The fourth paragraph of the subsection "Major Shareholders" on pages 90 to 91 of the Prospectus (as replaced by the Second Supplement) shall be replaced by the following:

"The German Securities Trading Act (*Wertpapierhandelsgesetz, WpHG*) requires investors in publicly-traded corporations whose investments reach certain thresholds to notify both the corporation and BaFin of such change within four trading days. The minimum disclosure threshold is 3 per cent. of the corporation's issued voting share capital. To the Bank's knowledge, there are only six shareholders holding more than 3 per cent. of the Issuer's shares or to whom more than 3 per cent. of voting rights are attributed, and none of these shareholders holds more than 10 per cent. of the Issuer's shares or voting rights."

IV. DESCRIPTION OF THE ISSUER – FINANCIAL INFORMATION CONCERNING DEUTSCHE BANK'S ASSETS AND LIABILITIES, FINANCIAL POSITION AND PROFITS AND LOSSES

The text of the subsection "Legal and Arbitration Proceedings" on pages 91 to 107 of the Prospectus (as replaced by the Second Supplement) shall be replaced by the following:

Legal and Arbitration Proceedings

Deutsche Bank Group operates in a legal and regulatory environment that exposes it to significant litigation risks. As a result, Deutsche Bank Group is involved in litigation, arbitration and regulatory proceedings and investigations in Germany and in a number of jurisdictions outside Germany, including the United States, arising in the ordinary course of business.

Other than set out herein, Deutsche Bank Group is not involved (whether as defendant or otherwise) in, nor does it have knowledge of, any governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which Deutsche Bank is aware), during a period covering the previous 12 months that may have, or have had in the recent past, a significant effect on the financial position or profitability of the Bank or Deutsche Bank Group.

Contestation of the General Meeting's Resolution Not to Pay a Dividend for the 2015 Fiscal Year

In May 2016, Deutsche Bank AG's General Meeting resolved that no dividend was to be paid to Deutsche Bank's shareholders for the 2015 fiscal year. Some shareholders filed a lawsuit with the Frankfurt am Main District Court (*Landgericht*), contesting (among other things) the resolution on the grounds that Deutsche Bank was required by law to pay a minimum dividend in an amount equal to 4% of Deutsche Bank's share capital. In December 2016, the district court ruled in favor of the plaintiffs. Deutsche Bank initially appealed the court's decision. However, consistent with Deutsche Bank's updated strategy, Deutsche Bank withdrew the appeal, as this decision is concerned, prior to Deutsche Bank's 2017 General Meeting, whereupon the contested resolution became void. Deutsche Bank's General Meeting in May 2017 resolved the payment of a dividend of approximately € 400 million from Deutsche Bank's distributable profit for 2016 which amount contains a component reflecting the distributable profit carried forward from 2015 of approximately € 165 million. Such dividend was paid to the shareholders shortly after the annual General Meeting. The decision meanwhile was contested at court, again, claiming that the way the decision was taken was not correct. On 18 January 2018, the Frankfurt am Main District Court dismissed the shareholder actions as regards the dividend resolution taken in May 2017. The plaintiffs have appealed the decision to the Higher Regional Court Frankfurt am Main which has scheduled a hearing for 29 January 2019.

CO2 Emission Rights

The Frankfurt am Main Office of Public Prosecution (the OPP) has investigated alleged value-added tax (VAT) fraud in connection with the trading of CO2 emission rights by certain trading firms, some of which also engaged in trading activity with Deutsche Bank. The OPP alleges that certain employees of Deutsche Bank knew that their counterparties were part of a fraudulent scheme to avoid VAT on transactions in CO2 emission rights, and it searched Deutsche Bank in April 2010 and December 2012. On 13 June 2016, the Frankfurt am Main District Court sentenced seven former Deutsche Bank employees for VAT evasion and for aiding and abetting VAT evasion in connection with their involvement in CO2 emissions trading. On 15 May 2018, the Federal Supreme Court (*Bundesgerichtshof*) handed down its decision in the appeal proceedings. The Federal Supreme Court partly granted the appeal of one former employee and referred the case back to the court of first instance. In relation to the other cases where appeal proceedings were pending the Federal Supreme Court confirmed the first instance judgement, which meant that the judgment became final and binding and the cases are closed. The majority of the other investigations by the OPP against former and current employees which were ongoing have meanwhile been closed. In addition to the case which was referred back to the Court of first instance, there are remaining investigations against two current and one former employee which are still ongoing.

CO2 Emission Rights - Civil

The insolvency administrators of three German traders who sold emission certificates to Deutsche Bank in 2009/2010 were trying to refute the transactions as a voidable preference under German insolvency law and, in some cases, started civil litigation. In mid-2015, the Frankfurt am Main District Court dismissed the insolvency administrator's claim in full in one of the cases. An appeal was filed against the decision. In July 2017, a settlement was agreed with the three insolvency administrators.

In 2015, five insolvent English companies, which are alleged to have been involved in VAT fraud in connection with trading CO2 emission rights in the UK, and their respective liquidators, started civil proceedings in London against four defendants including Deutsche Bank AG claiming that the defendants dishonestly assisted directors of the insolvent companies in breaching duties, and alternatively that the defendants were party to carrying on the companies' business with fraudulent intent (giving rise to a claim under Section 213 of the Insolvency Act 1986). On 29 September 2017, Deutsche Bank agreed a settlement with the claimants.

Deutsche Bank Shareholder Litigations

Deutsche Bank and certain of its current and former officers and management board members are the subject of a purported class action, filed in the U.S. District Court for the Southern District of New York, asserting claims under Sections 10(b) and 20(a) of the U.S. Securities Exchange Act of 1934 on behalf of persons who purchased or otherwise acquired securities of Deutsche Bank on a United States exchange or pursuant to other transactions within the United States between 31 January 2013 and 26 July 2016. Plaintiffs allege that Deutsche Bank's SEC Annual Reports on Form 20-F for the years 2012, 2013, 2014 and 2015 were materially false and misleading in failing to disclose (i) serious and systemic failings in controls against financing terrorism, money laundering, aiding organizations subject to international sanctions and committing financial crime and (ii) that the Bank's internal control over financial reporting and its disclosure controls and procedures were not effective. On 21 February 2017, Deutsche Bank and the individual defendants served at the time with the summons and complaint moved to dismiss the consolidated amended complaint. On 28 June 2017, the court granted the motion to dismiss as to all defendants, without leave to replead. On 30 June 2017, the court entered judgment dismissing the lawsuit. Plaintiffs appealed. Following completion of briefing, the Court of Appeals held oral argument on 28 March 2018. On 13 April 2018, the Court of Appeals issued a Summary Opinion affirming the dismissal of the action.

Deutsche Bank and certain of its current and former officers and management board members are the subject of a purported class action, filed in the United States District Court for the Southern District of New York, asserting claims under Sections 10(b) and 20(a) of the Securities Exchange Act of 1934 on behalf of persons who purchased or otherwise acquired securities of Deutsche Bank on a United States exchange or pursuant to other transactions within the United States between March 20, 2017 and May 30, 2018. Plaintiffs allege that Deutsche Bank's SEC Annual Reports on Form 20-F for the years 2016 and 2017 and its interim

quarterly reports of Form 6-K for calendar year 2017 contained materially false and misleading statements regarding its business, operational and compliance policies and internal control environment. Deutsche Bank is defending the action.

Esch Funds Litigation

Sal. Oppenheim jr. & Cie. AG & Co. KGaA (Sal. Oppenheim) was prior to its acquisition by Deutsche Bank in 2010 involved in the marketing and financing of participations in closed end real estate funds. These funds were structured as Civil Law Partnerships under German law. Usually, Josef Esch Fonds-Projekt GmbH performed the planning and project development. Sal. Oppenheim held an indirect interest in this company via a joint-venture. In relation to this business a number of civil claims have been filed against Sal. Oppenheim. Some but not all of these claims are also directed against former managing partners of Sal. Oppenheim and other individuals. The claims brought against Sal. Oppenheim relate to investments of originally approximately € 1.1 billion. After certain claims have either been dismissed or settled, claims relating to investments of originally approximately € 6 million are still pending. Currently, the aggregate amounts claimed in the pending proceedings are approximately € 10 million. The investors are seeking to unwind their fund participation and to be indemnified against potential losses and debt related to the investment. The claims are based in part on an alleged failure of Sal. Oppenheim to provide adequate information on related risks and other material aspects important for the investors' investment decision. Based on the facts of the individual cases, some courts have decided in favor and some against Sal. Oppenheim. Appeals are pending.

FX Investigations and Litigations

Deutsche Bank has received requests for information from certain regulatory and law enforcement agencies globally who investigated trading in, and various other aspects of, the foreign exchange market. Deutsche Bank cooperated with these investigations. Relatedly, Deutsche Bank has conducted its own internal global review of foreign exchange trading and other aspects of its foreign exchange business.

On 19 October 2016, the U.S. Commodity Futures Trading Commission (CFTC), Division of Enforcement issued a letter ("CFTC Letter") notifying Deutsche Bank that the CFTC Division of Enforcement "is not taking any further action at this time and has closed the investigation of Deutsche Bank" regarding foreign exchange. As is customary, the CFTC Letter states that the CFTC Division of Enforcement "maintains the discretion to decide to reopen the investigation at any time in the future." The CFTC Letter has no binding impact on other regulatory and law enforcement agency investigations regarding Deutsche Bank's foreign exchange trading and practices, which remain pending.

On 7 December 2016, it was announced that Deutsche Bank reached an agreement with CADE, the Brazilian antitrust enforcement agency, to settle an investigation into conduct by a former Brazil-based Deutsche Bank trader. As part of that settlement, Deutsche Bank paid a fine of BRL 51 million and agreed to continue to comply with the CADE's administrative process until it is concluded. This resolves CADE's administrative process as it relates to Deutsche Bank, subject to Deutsche Bank's continued compliance with the settlement terms.

On 13 February 2017, the U.S. Department of Justice (DOJ), Criminal Division, Fraud Section, issued a letter (DOJ Letter) notifying Deutsche Bank that the DOJ has closed its criminal inquiry "concerning possible violations of federal criminal law in connection with the foreign exchange markets." As is customary, the DOJ Letter states that the DOJ may reopen its inquiry if it obtains additional information or evidence regarding the inquiry. The DOJ Letter has no binding impact on other regulatory and law enforcement agency investigations regarding Deutsche Bank's foreign exchange trading and practices, which remain pending.

On 20 April 2017, it was announced that Deutsche Bank AG, DB USA Corporation and Deutsche Bank AG New York Branch reached an agreement with the Board of Governors of the Federal Reserve System to settle an investigation into Deutsche Bank's foreign exchange trading and practices. Under the terms of the settlement, Deutsche Bank entered into a cease-and-desist order, and agreed to pay a civil monetary penalty of U.S.\$ 137 million. In addition, the Federal Reserve ordered Deutsche Bank to "continue to implement additional improvements in its oversight, internal controls, compliance, risk management and audit programs" for its foreign exchange business and other similar products, and to periodically report to the Federal Reserve on its progress.

On 20 June 2018, it was announced that Deutsche Bank AG and Deutsche Bank AG New York Branch reached an agreement with the New York State Department of Financial Services (DFS) to settle an investigation into Deutsche Bank's foreign exchange trading and sales practices. Under the terms of the settlement, Deutsche Bank entered into a consent order, and agreed to pay a civil monetary penalty of U.S.\$ 205 million. In addition, the DFS ordered Deutsche Bank to continue to implement improvements in its oversight, internal controls, compliance, risk management and audit programs for its foreign exchange business, and to periodically report to the DFS on its progress.

Investigations conducted by certain other regulatory agencies are ongoing, and Deutsche Bank has cooperated with these investigations.

Additionally, there are currently four U.S. putative class actions pending against Deutsche Bank. The first pending action is a consolidated action brought on behalf of a putative class of over-the-counter traders and a putative class of central-exchange traders, who are domiciled in or traded in the United States or its territories, and alleges illegal agreements to restrain competition with respect to and to manipulate both benchmark rates and spot rates, particularly the spreads quoted on those spot rates; the complaint further alleges that those supposed conspiracies, in turn, resulted in artificial prices on centralized exchanges for foreign exchange futures and options. On 29 September 2017, plaintiffs filed a motion seeking preliminary approval of a settlement with Deutsche Bank in the amount of U.S.\$ 190 million, which the court preliminarily approved on the same day. A final fairness hearing for all settlements in this action, including Deutsche Bank's, occurred on 23 May 2018. A second action tracks the allegations in the consolidated action and asserts that such purported conduct gave rise to, and resulted in a breach of, defendants' fiduciary duties under the U.S. Employment Retirement Income Security Act of 1974. On 24 August 2016, the court granted defendants' motion to dismiss. On 10 July 2018 the U.S. Court of Appeals for the Second Circuit, affirmed the district court's dismissal of the action. The third putative class action was filed in the same court on 21 December 2015, by Axiom Investment Advisors, LLC alleging that Deutsche Bank rejected FX orders placed over electronic trading platforms through the application of a function referred to as "Last Look" and that these orders were later filled at prices less favorable to putative class members. Plaintiffs have asserted claims for breach of contract, quasi-contractual claims, and claims under New York statutory law. On 13 February 2017, Deutsche Bank's motion to dismiss was granted in part and denied in part. Plaintiffs filed a motion for class certification on 15 January 2018, which Deutsche Bank has opposed. This matter remains pending. The fourth putative class action (the "Indirect Purchasers" action), which was filed on 26 September 2016, amended on 24 March 2017, and later consolidated with a similar action that was filed on 28 April 2017, tracks the allegations in the consolidated action and asserts that such purported conduct injured "indirect purchasers" of FX instruments. These claims are brought pursuant to the Sherman Act and various states' consumer protection statutes. On 15 March 2018, the court granted Deutsche Bank's motion to dismiss this action. Plaintiffs filed a motion to replead and proposed a third amended complaint on 5 April 2018, which Deutsche Bank has opposed. Discovery has not yet commenced in the Indirect Purchasers action.

Deutsche Bank also has been named as a defendant in two Canadian class proceedings brought in the provinces of Ontario and Quebec. Filed on 10 September 2015, these class actions assert factual allegations similar to those made in the consolidated action in the United States and seek damages pursuant to the Canadian Competition Act as well as other causes of action.

The Group has not disclosed whether it has established a provision or contingent liability with respect to these matters because it has concluded that such disclosure can be expected to prejudice seriously their outcome.

Interbank and Dealer Offered Rates Matters

Regulatory and Law Enforcement Matters. Deutsche Bank has received requests for information from various regulatory and law enforcement agencies, in connection with industry-wide investigations concerning the setting of the London Interbank Offered Rate (LIBOR), Euro Interbank Offered Rate (EURIBOR), Tokyo Interbank Offered Rate (TIBOR) and other interbank and/or dealer offered rates. Deutsche Bank is cooperating with these investigations. As previously reported, Deutsche Bank paid € 725 million to the European Commission pursuant to a settlement agreement dated 4 December 2013 in relation to anticompetitive conduct in the trading of interest rate derivatives.

Also as previously reported, on 23 April 2015, Deutsche Bank entered into separate settlements with the DOJ, the CFTC, the UK Financial Conduct Authority (FCA), and the New York State Department of Financial Services (DFS) to resolve investigations into misconduct concerning the setting of LIBOR, EURIBOR, and TIBOR. Under the terms of these agreements, Deutsche Bank agreed to pay penalties of U.S.\$ 2.175 billion to the DOJ, CFTC and DFS and GBP 226.8 million to the FCA. As part of the resolution with the DOJ, DB Group Services (UK) Ltd. (an indirectly-held, wholly-owned subsidiary of Deutsche Bank) pled guilty to one count of wire fraud in the U.S. District Court for the District of Connecticut and Deutsche Bank entered into a Deferred Prosecution Agreement with a three year term pursuant to which it agreed (among other things) to the filing of an Information in the U.S. District Court for the District of Connecticut charging Deutsche Bank with one count of wire fraud and one count of price fixing in violation of the Sherman Act. On 23 April 2018, the Deferred Prosecution Agreement expired, and the U.S. District Court for the District of Connecticut subsequently dismissed the criminal Information against Deutsche Bank. The fines referred to above, which include a U.S.\$ 150 million fine paid in April 2017 following the 28 March 2017 sentencing of DB Group Services (UK) Ltd., have been paid in full and do not form part of the Bank's provisions.

As previously reported, on 20 March 2017, Deutsche Bank paid CHF 5.4 million to the Swiss Competition Commission (WEKO) pursuant to a settlement agreement in relation to Yen LIBOR.

On 25 October 2017, Deutsche Bank entered into a settlement with a working group of U.S. state attorneys general resolving their interbank offered rate investigation. Among other conditions, Deutsche Bank agreed to make a settlement payment of U.S.\$ 220 million. The settlement amount has been paid in full and does not form part of the Bank's provisions.

Other investigations of Deutsche Bank concerning the setting of various interbank and/or dealer offered rates remain ongoing, and Deutsche Bank remains exposed to further action.

The Group has not disclosed whether it has established a provision or contingent liability with respect to the remaining investigations because it has concluded that such disclosure can be expected to prejudice seriously their outcome.

Overview of Civil Litigations. Deutsche Bank is party to 44 U.S. civil actions concerning alleged manipulation relating to the setting of various interbank and/or dealer offered rates which are described in the following paragraphs, as well as single actions pending in each of the UK, Israel and Argentina. Most of the civil actions, including putative class actions, are pending in the U.S. District Court for the Southern District of New York (SDNY), against Deutsche Bank and numerous other defendants. All but four of the U.S. civil actions were filed on behalf of parties who allege losses as a result of manipulation relating to the setting of U.S. dollar LIBOR. The four civil actions pending against Deutsche Bank that do not relate to U.S. dollar LIBOR are also pending in the SDNY, and include one consolidated action concerning Pound Sterling (GBP) LIBOR, one action concerning Swiss franc (CHF) LIBOR, one action concerning two Singapore Dollar (SGD) benchmark rates, the Singapore Interbank Offered Rate (SIBOR) and the Swap Offer Rate (SOR), and one action concerning the Canadian Dealer Offered Rate (CDOR).

Claims for damages for all 44 of the U.S. civil actions discussed have been asserted under various legal theories, including violations of the U.S. Commodity Exchange Act, federal and state antitrust laws, the U.S. Racketeer Influenced and Corrupt Organizations Act, and other federal and state laws. The Group has not disclosed whether it has established a provision or contingent liability with respect to these matters because it has concluded that such disclosure can be expected to prejudice seriously their outcome.

U.S. dollar LIBOR. With one exception, all of the U.S. civil actions concerning U.S. dollar LIBOR are being coordinated as part of a multidistrict litigation (the "U.S. dollar LIBOR MDL") in the SDNY. In light of the large number of individual cases pending against Deutsche Bank and their similarity, the civil actions included in the U.S. dollar LIBOR MDL are now subsumed under the following general description of the litigation pertaining to all such actions, without disclosure of individual actions except when the circumstances or the resolution of an individual case is material to Deutsche Bank.

Following a series of decisions in the U.S. dollar LIBOR MDL between March 2013 and December 2016 narrowing their claims, plaintiffs are currently asserting antitrust claims, claims under the U.S. Commodity Exchange Act and state law fraud, contract, unjust enrichment and other tort claims. The court has also issued decisions dismissing certain plaintiffs' claims for lack of personal jurisdiction and on statute of limitations grounds.

On 20 December 2016, the district court issued a ruling dismissing certain antitrust claims while allowing others to proceed. Multiple plaintiffs have filed appeals of the district court's 20 December 2016 ruling to the U.S. Court of Appeals for the Second Circuit, and those appeals are proceeding in parallel with the ongoing proceedings in the district court. Briefing of the appeals is complete.

On 13 July 2017, Deutsche Bank executed a settlement agreement in the amount of U.S.\$ 80 million with plaintiffs to resolve a putative class action pending as part of the U.S. dollar LIBOR MDL asserting claims based on alleged transactions in Eurodollar futures and options traded on the Chicago Mercantile Exchange (*Metzler Investment GmbH v. Credit Suisse Group AG*). The settlement agreement was submitted to the court for preliminary approval on 11 October 2017. The settlement amount is already fully reflected in existing litigation provisions and no additional provisions have been taken for this settlement. The settlement agreement is subject to further review and approval by the court.

On 6 February 2018, Deutsche Bank executed a settlement agreement in the amount of U.S.\$ 240 million with plaintiffs to resolve a putative class action pending as part of the U.S. dollar LIBOR MDL asserting claims based on alleged transactions in U.S. dollar LIBOR-linked financial instruments purchased over the counter directly from LIBOR panel banks (*Mayor & City Council of Baltimore v. Credit Suisse AG*). The settlement agreement was submitted to the court for preliminary approval on 27 February 2018, which the court granted on 5 April 2018. The settlement agreement is subject to further review and approval by the court and a final approval hearing is scheduled for 25 October 2018. Under the terms of the settlement, Deutsche Bank has paid U.S.\$ 240 million, and is no longer reflecting that amount in its litigation provisions.

Plaintiff in the non-MDL case proceeding in the SDNY moved to amend its complaint following a dismissal of its claims. On 20 March 2018, the court denied plaintiff's motion for leave to amend and entered judgment in the action, closing the case. Plaintiff has appealed the court's decision.

There is a further UK civil action regarding U.S. dollar LIBOR brought by the U.S. Federal Deposit Insurance Corporation, in which a claim for damages has been asserted pursuant to Article 101 of The Treaty on the Functioning of the European Union, Section 2 of Chapter 1 of the UK Competition Act 1998 and U.S. state laws. Deutsche Bank is defending this action.

A further class action regarding LIBOR, EURIBOR and TIBOR has been filed in Israel.

Yen LIBOR and Euroyen TIBOR. On 21 July 2017, Deutsche Bank executed a settlement agreement in the amount of U.S.\$ 77 million with plaintiffs to resolve two putative class actions pending in the SDNY alleging manipulation of Yen LIBOR and Euroyen TIBOR (*Laydon v. Mizuho Bank, Ltd. and Sonterra Capital Master Fund Ltd. v. UBS AG*). The agreement was submitted to the court for approval, and the court granted final approval of the settlement on 7 December 2017. Accordingly, these two actions are not included in the total number of actions above. The settlement amount, which Deutsche Bank paid on 1 August 2017, is no longer reflected in Deutsche Bank's litigation provisions.

EURIBOR. On 10 May 2017, Deutsche Bank executed a settlement agreement in the amount of U.S.\$ 170 million with plaintiffs to resolve a putative class action pending in the SDNY alleging manipulation of EURIBOR (*Sullivan v. Barclays PLC*). The agreement was submitted to the court for approval, and the court granted final approval of the settlement on 18 May 2018. Accordingly, the action is not included in the total number of actions above. The settlement amount, which Deutsche Bank has paid, is no longer reflected in Deutsche Bank's litigation provisions.

GBP LIBOR. A putative class action alleging manipulation of the Pound Sterling (GBP) LIBOR remains pending in the SDNY. It is the subject of a fully briefed motion to dismiss.

CHF LIBOR. A putative class action alleging manipulation of the Swiss Franc (CHF) LIBOR remains pending in the SDNY. It is the subject of fully briefed motions to dismiss.

SIBOR and SOR. A putative class action alleging manipulation of the Singapore Interbank Offered Rate (SIBOR) and Swap Offer Rate (SOR) remains pending in the SDNY. On 4 October 2018, the defendants' motions to dismiss were granted in part, with certain claims against Deutsche Bank remaining

CDOR. A putative class action alleging manipulation of the Canadian Dealer Offered Rate (CDOR) is pending in the SDNY. It is the subject of fully briefed motions to dismiss.

Bank Bill Swap Rate Claims. On 16 August 2016, a putative class action was filed in the U.S. District Court for the Southern District of New York against Deutsche Bank and other defendants, bringing claims based on

alleged collusion and manipulation in connection with the Australian Bank Bill Swap Rate (BBSW). The complaint alleges that the defendants, among other things, engaged in money market transactions intended to influence the BBSW fixing, made false BBSW submissions, and used their control over BBSW rules to further the alleged misconduct. Plaintiffs bring suit on behalf of persons and entities that engaged in U.S.-based transactions in BBSW-linked financial instruments from 2003 through the present. An amended complaint was filed on 16 December 2016, and is the subject of fully briefed motions to dismiss. The court held argument on 23 January 2018. On 23 February 2018, defendants filed a renewed motion to dismiss on certain grounds that had been previously raised; that motion was fully briefed as of 23 March 2018.

Investigations into Referral Hiring Practices and Certain Business Relationships

Certain regulators and law enforcement authorities in various jurisdictions, including the U.S. Securities and Exchange Commission and the DOJ, are investigating, among other things, Deutsche Bank's compliance with the U.S. Foreign Corrupt Practices Act and other laws with respect to the Bank's hiring practices related to candidates referred by clients, potential clients and government officials, and the Bank's engagement of finders and consultants. Deutsche Bank is responding to and continuing to cooperate with these investigations. Certain regulators in other jurisdictions have also been briefed on these investigations. The Group has recorded a provision with respect to certain of these regulatory investigations. The Group has not disclosed the amount of this provision because it has concluded that such disclosure can be expected to prejudice seriously the outcome of these regulatory investigations. Based on the facts currently known, it is not practicable at this time for the Bank to predict the timing of a resolution.

ISDAFIX

On 1 February 2018, the Bank entered into a settlement with the U.S. Commodity Futures Trading Commission (CFTC) to resolve the CFTC's investigation concerning the Bank's involvement in the setting of U.S. dollar ISDAFIX benchmark. The Bank agreed to pay a civil monetary penalty of U.S.\$ 70 million and to remedial undertakings, including maintaining systems and controls reasonably designed to prevent potential manipulation of interest rate swaps benchmarks.

In addition, the Bank has been named as a defendant in five putative class actions that were consolidated in the U.S. District Court for the Southern District of New York asserting antitrust, fraud, and other claims relating to an alleged conspiracy to manipulate the U.S. dollar ISDAFIX benchmark. On 8 April 2016, Deutsche Bank settled the class actions for U.S.\$ 50 million, subject to final court approval. The court approved the settlement on 30 May 2018.

Kirch

The public prosecutor's office in Munich (Staatsanwaltschaft München I) has conducted and is currently conducting criminal investigations in connection with the Kirch case inter alia with regard to former Deutsche Bank Management Board members. The Kirch case involved several civil proceedings between Deutsche Bank AG and Dr. Leo Kirch as well as media companies controlled by him. The key issue was whether an interview given by Dr. Rolf Breuer, then Spokesman of Deutsche Bank's Management Board, in 2002 with Bloomberg television, during which Dr. Breuer commented on Dr. Kirch's (and his companies') inability to obtain financing, caused the insolvency of the Kirch companies. In February 2014, Deutsche Bank and the Kirch heirs reached a comprehensive settlement, which has ended all legal disputes between them.

The allegations of the public prosecutor are that the relevant former Management Board members failed to correct in a timely manner factual statements made by Deutsche Bank's litigation counsel in submissions filed in one of the civil cases between Kirch and Deutsche Bank AG before the Munich Higher Regional Court and the Federal Court of Justice, after allegedly having become aware that such statements were not correct, and/or made incorrect statements in such proceedings, respectively.

On 25 April 2016, following the trial before the Munich District Court regarding the main investigation involving Jürgen Fitschen and four other former Management Board members, the Munich District Court acquitted all of the accused, as well as the Bank, which was a secondary participant in such proceedings. On 26 April 2016, the public prosecutor filed an appeal. An appeal is limited to a review of legal errors rather than facts. On 18 October 2016, a few weeks after the written judgment was served, the public prosecutor provided notice that it will uphold its appeal only with respect to former Management Board members Jürgen Fitschen, Dr. Rolf

Breuer and Dr. Josef Ackermann and that it will withdraw its appeal with respect to former Management Board members Dr. Clemens Börsig and Dr. Tessen von Heydebreck for whom the acquittal thereby becomes binding. On 24 January 2018, the Attorney General's Office applied to convene an oral hearing before the Federal Supreme Court to decide about the Munich public prosecutor's appeal.

The other investigations by the public prosecutor (which also deal with attempted litigation fraud in the Kirch civil proceedings) are ongoing. Deutsche Bank is fully cooperating with the Munich public prosecutor's office.

The Group does not expect these proceedings to have significant economic consequences for it and has not recorded a provision or contingent liability with respect thereto.

KOSPI Index Unwind Matters

Following the decline of the Korea Composite Stock Price Index 200 (the "KOSPI 200") in the closing auction on 11 November 2010 by approximately 2.7 %, the Korean Financial Supervisory Service ("FSS") commenced an investigation and expressed concerns that the fall in the KOSPI 200 was attributable to a sale by Deutsche Bank of a basket of stocks, worth approximately € 1.6 billion, that was held as part of an index arbitrage position on the KOSPI 200. On 23 February 2011, the Korean Financial Services Commission, which oversees the work of the FSS, reviewed the FSS' findings and recommendations and resolved to take the following actions: (i) to file a criminal complaint to the Korean Prosecutor's Office for alleged market manipulation against five employees of the Deutsche Bank group and Deutsche Bank's subsidiary Deutsche Securities Korea Co. (DSK) for vicarious corporate criminal liability; and (ii) to impose a suspension of six months, commencing 1 April 2011 and ending 30 September 2011, of DSK's business for proprietary trading of cash equities and listed derivatives and DMA (direct market access) cash equities trading, and the requirement that DSK suspend the employment of one named employee for six months. There was an exemption to the business suspension which permitted DSK to continue acting as liquidity provider for existing derivatives linked securities. On 19 August 2011, the Korean Prosecutor's Office announced its decision to indict DSK and four employees of the Deutsche Bank group on charges of spot/futures linked market manipulation. The criminal trial commenced in January 2012. On 25 January 2016, the Seoul Central District Court rendered a guilty verdict against a DSK trader and a guilty verdict against DSK. A criminal fine of KRW 1.5 billion (less than € 2.0 million) was imposed on DSK. The Court also ordered forfeiture of the profits generated on the underlying trading activity. The Group disgorged the profits on the underlying trading activity in 2011. The criminal trial verdict has been appealed by both the prosecutor and the defendants.

In addition, a number of civil actions have been filed in Korean courts against Deutsche Bank and DSK by certain parties who allege they incurred losses as a consequence of the fall in the KOSPI 200 on 11 November 2010. First instance court decisions were rendered against the Bank and DSK in some of these cases starting in the fourth quarter of 2015. The outstanding known claims have an aggregate claim amount of less than € 50 million (at present exchange rates). The Group has recorded a provision with respect to these outstanding civil matters. The Group has not disclosed the amount of this provision because it has concluded that such disclosure can be expected to prejudice seriously the outcome of these matters.

Life Settlements Investigation

On 2 May 2017, the U.S. Attorney's Office for the Southern District of New York notified the Bank that it has closed its investigation of the Bank's historical life settlements business, which included the origination and purchase of investments in life insurance assets during the 2005 to 2008 period. As is customary, the U.S. Attorney's Office further informed the Bank that it may reopen its investigation if it obtains additional information or evidence.

Monte Dei Paschi

In March 2013, Banca Monte Dei Paschi Di Siena (MPS) issued civil proceedings in Italy against Deutsche Bank alleging that Deutsche Bank assisted former MPS senior management in an accounting fraud on MPS, by undertaking repo transactions with MPS and "Santorini", a wholly owned special-purpose vehicle of MPS, which helped MPS defer losses on a previous transaction undertaken with Deutsche Bank. Subsequently, in July 2013, the Fondazione Monte Dei Paschi, MPS' largest shareholder, also commenced civil proceedings in Italy for damages based on substantially the same facts. In December 2013, Deutsche Bank reached an agreement with MPS to settle the civil proceedings and the transactions were unwound. The civil proceedings

by the Fondazione Monte Dei Paschi, in which damages of between € 220 million and € 381 million are claimed, remain pending. The Fondazione's separate claim filed in July 2014 against their former administrators and a syndicate of 12 banks including Deutsche Bank S.p.A. for € 286 million has resumed before the Florence Court.

A criminal investigation was launched by the Siena Public Prosecutor into the transactions entered into by MPS with Deutsche Bank and certain unrelated transactions entered into by MPS with other parties. Such investigation was moved in summer 2014 from Siena to the Milan Public Prosecutors as a result of a change in the alleged charges being investigated. On 16 February 2016, the Milan Public Prosecutors issued a request of committal to trial against Deutsche Bank AG and six current and former employees. The committal process concluded with a hearing on 1 October 2016, during which the Milan court committed all defendants in the criminal proceedings to trial. Deutsche Bank's potential exposure is for administrative liability under Italian Legislative Decree n. 231/2001 and for civil vicarious liability as an employer of current and former Deutsche Bank employees who are being criminally prosecuted. Trial commenced on 15 December 2016 and is ongoing.

On 22 May 2018 CONSOB, the authority responsible for regulating the Italian financial markets, issued fines of € 100,000 each against the six current and former employees of DB who are individual defendants in the criminal proceedings. The six individuals were also banned from performing management functions in Italy and for Italian based institutions for 3-6 months each. No separate fine or sanction was imposed on Deutsche Bank AG but Deutsche Bank is jointly and severally liable for the six current/former Deutsche Bank employees' fines. On 14 June 2018, Deutsche Bank AG filed an appeal in the Milan Court of Appeal challenging CONSOB's decision and seeking a stay of enforcement of the fine against one of the individual defendants. The stay was granted on 23 July 2018; a hearing of the appeal application is scheduled for 21 November 2018 and the verdict is expected in early 2019.

Deutsche Bank continues to cooperate and update its regulators.

Mortgage-Related and Asset-Backed Securities Matters and Investigation

Regulatory and Governmental Matters. Deutsche Bank, along with certain affiliates (collectively referred in these paragraphs to as "Deutsche Bank"), have received subpoenas and requests for information from certain regulators and government entities, including members of the Residential Mortgage-Backed Securities Working Group of the U.S. Financial Fraud Enforcement Task Force, concerning its activities regarding the origination, purchase, securitization, sale, valuation and/or trading of mortgage loans, residential mortgage-backed securities (RMBS), commercial mortgage-backed securities (CMBS), collateralized debt obligations (CDOs), other asset-backed securities and credit derivatives. Deutsche Bank is cooperating fully in response to those subpoenas and requests for information.

On 23 December 2016, Deutsche Bank announced that it reached a settlement-in-principle with the DOJ to resolve potential claims related to its RMBS business conducted from 2005 to 2007. The settlement became final and was announced by the DOJ on 17 January 2017. Under the settlement, Deutsche Bank paid a civil monetary penalty of U.S.\$ 3.1 billion and agreed to provide U.S.\$ 4.1 billion in consumer relief.

In September 2016, Deutsche Bank received administrative subpoenas from the Maryland Attorney General seeking information concerning Deutsche Bank's RMBS and CDO businesses from 2002 to 2009. On 1 June 2017, Deutsche Bank and the Maryland Attorney General reached a settlement to resolve the matter for U.S.\$ 15 million in cash and U.S.\$ 80 million in consumer relief (to be allocated from the overall U.S.\$ 4.1 billion consumer relief obligation agreed to as part of Deutsche Bank's settlement with the DOJ).

The Group has recorded provisions with respect to some of the outstanding regulatory investigations but not others, a portion of which relates to the consumer relief being provided under the DOJ settlement. The Group has not disclosed the amount of these provisions because it has concluded that such disclosure can be expected to prejudice seriously the resolution of these matters.

Issuer and Underwriter Civil Litigation. Deutsche Bank has been named as defendant in numerous civil litigations brought by private parties in connection with its various roles, including issuer or underwriter, in offerings of RMBS and other asset-backed securities. These cases, described below, allege that the offering documents contained material misrepresentations and omissions, including with regard to the underwriting standards pursuant to which the underlying mortgage loans were issued, or assert that various representations or warranties relating to the loans were breached at the time of origination. The Group has recorded provisions with respect to several of these civil cases, but has not recorded provisions with respect to all of these matters.

The Group has not disclosed the amount of these provisions because it has concluded that such disclosure can be expected to prejudice seriously the resolution of these matters.

Deutsche Bank is a defendant in a class action relating to its role as one of the underwriters of six RMBS offerings issued by Novastar Mortgage Corporation. No specific damages are alleged in the complaint. The lawsuit was brought by plaintiffs representing a class of investors who purchased certificates in those offerings. The parties reached a settlement to resolve the matter for a total of U.S.\$ 165 million, a portion of which was paid by the Bank. On 30 August 2017, FHFA/Freddie Mac filed an objection to the settlement. Final court approval is not expected until appellate proceedings relating to FHFA/Freddie Mac's objections are resolved.

Deutsche Bank is a defendant in three actions related to RMBS offerings brought by the U.S. Federal Deposit Insurance Corporation (FDIC) as receiver for: (a) Colonial Bank (alleging no less than U.S.\$ 189 million in damages against all defendants), (b) Guaranty Bank (alleging no less than U.S.\$ 901 million in damages against all defendants), and (c) Citizens National Bank and Strategic Capital Bank (alleging no less than U.S.\$ 66 million in damages against all defendants). In each of these actions, the appellate courts have reinstated claims previously dismissed on statute of limitations grounds. In the case concerning Colonial Bank, petitions for rehearing and certiorari to the U.S. Supreme Court were denied, and on 21 June 2017, the FDIC filed a second amended complaint, which defendants moved to dismiss on 7 September 2017. On 2 March 2018, the court granted in part and denied in part defendants' motion to dismiss. In the case concerning Guaranty Bank, petitions for rehearing and certiorari to the U.S. Supreme Court were denied, fact discovery is almost complete, and expert work is ongoing. Also, on 14 September 2017, the court granted in part Deutsche Bank's motion for summary judgment regarding the proper method of calculating pre-judgment interest. On 31 August 2018, the court vacated the March 2019 trial date. On 27 September 2018, the court ordered that the case must go to mediation before 11 January 2019, and that it is stayed in the meantime. In the case concerning Citizens National Bank and Strategic Capital Bank, petitions for rehearing and certiorari to the U.S. Supreme Court were denied, and on 31 July 2017, the FDIC filed a second amended complaint, which defendants moved to dismiss on 14 September 2017.

Deutsche Bank is a defendant in an action brought by Royal Park Investments (as purported assignee of claims of a special-purpose vehicle created to acquire certain assets of Fortis Bank) alleging common law claims related to the purchase of RMBS. The complaint did not specify the amount of damages sought. On 17 April 2017, the court dismissed the complaint, and on 13 February 2018 the plaintiff filed its appeal. On 9 October 2018 the dismissal was affirmed by the appellate court.

In June 2014, HSBC, as trustee, brought an action in New York state court against Deutsche Bank to revive a prior action, alleging that Deutsche Bank failed to repurchase mortgage loans in the ACE Securities Corp. 2006-SL2 RMBS offering. The revival action was stayed during the pendency of an appeal of the dismissal of a separate action wherein HSBC, as trustee, brought an action against Deutsche Bank alleging breaches of representations and warranties made by Deutsche Bank concerning the mortgage loans in the same offering. On 29 March 2016, the court dismissed the revival action, and on 29 April 2016, plaintiff filed a notice of appeal. Plaintiff's appeal has been adjourned in light of a case pending in the New York Court of Appeals involving similar legal issues.

On 3 February 2016, Lehman Brothers Holding, Inc. (Lehman) instituted an adversary proceeding in United States Bankruptcy Court for the Southern District of New York against, among others, MortgageIT, Inc. (MIT) and Deutsche Bank AG, as alleged successor to MIT, asserting breaches of representations and warranties set forth in certain 2003 and 2004 loan purchase agreements concerning 63 mortgage loans that MIT sold to Lehman, which Lehman in turn sold to the Federal National Mortgage Association (Fannie Mae) and the Federal Home Loan Mortgage Corporation (Freddie Mac). The complaint seeks indemnification for losses incurred by Lehman in connection with settlements entered into with Fannie Mae and Freddie Mac as part of the Lehman bankruptcy proceedings to resolve claims concerning those loans. On 31 January 2018, the parties reached a settlement to resolve the litigation. On 6 February 2018, the court ordered a voluntary stipulation of dismissal.

In the actions against Deutsche Bank solely as an underwriter of other issuers' RMBS offerings, Deutsche Bank has contractual rights to indemnification from the issuers, but those indemnity rights may in whole or in part prove effectively unenforceable where the issuers are now or may in the future be in bankruptcy or otherwise defunct.

Trustee Civil Litigation. Deutsche Bank is a defendant in eight separate civil lawsuits brought by various groups of investors concerning its role as trustee of certain RMBS trusts. The actions generally allege claims for

breach of contract, breach of fiduciary duty, breach of the duty to avoid conflicts of interest, negligence and/or violations of the U.S. Trust Indenture Act of 1939, based on the trustees' alleged failure to perform adequately certain obligations and/or duties as trustee for the trusts. The eight actions include two putative class actions brought by a group of investors, including funds managed by BlackRock Advisors, LLC, PIMCO-Advisors, L.P., and others (the "BlackRock Class Actions"), two putative class actions brought by Royal Park Investments SA/NV, and four individual lawsuits. One of the BlackRock Class Actions is pending in the U.S. District Court for the Southern District of New York in relation to 58 trusts, which allegedly suffered total realized collateral losses of U.S.\$ 9.8 billion, although the complaint does not specify a damage amount. On 23 January 2017, the court granted in part and denied in part the trustees' motion to dismiss. On 3 February 2017, the court entered an order dismissing plaintiffs' representations and warranties claims as to 21 trusts whose originators or sponsors had entered bankruptcy. On 5 April 2018, the parties executed stipulations of dismissal with prejudice for the claims of two plaintiff groups, which the court entered on 6 April and 24 April 2018. The only claims that remain are for violation of the U.S. Trust Indenture Act of 1939 and breach of contract. On 17 May 2018, the court denied BlackRock's motion to proceed with expert discovery using statistical sampling of the trusts' loans. On 7 August 2018, the magistrate judge issued a report and recommendation that the court (i) deny plaintiffs' motion for class certification; (ii) dismiss plaintiffs' TIA claims as to 39 trusts; and (iii) dismiss without prejudice plaintiffs' remaining claims as to the 39 trusts. Discovery is stayed. The second BlackRock Class Action is pending in the Superior Court of California in relation to 451 trusts, which allegedly suffered total realized collateral losses of U.S.\$ 75.7 billion, although the complaint does not specify a damage amount. The trustees filed a demurrer seeking to dismiss the tort claims asserted by plaintiffs and a motion to strike certain elements of the breach of contract claim, and on 18 October 2016, the court sustained the trustees' demurrer, dismissing the tort claims, but denied the motion to strike. On 19 December 2016, the trustees filed an answer to the complaint. On 30 May 2018 the court denied plaintiffs' motion for class certification, and BlackRock filed a petition to appeal the order on 8 June 2018. On 16 July 2018, the court granted BlackRock's motion to stay the case while the appeal is pending. On 18 July 2018, plaintiffs requested that the court dismiss with prejudice all claims asserted by three of the eight plaintiff groups, as well as all claims asserted by one plaintiff group related to one trust. The putative class action brought by Royal Park Investments SA/NV is pending in the U.S. District Court for the Southern District of New York and concerns ten trusts, which allegedly suffered total realized collateral losses of more than U.S.\$ 3.1 billion, although the complaint does not specify a damage amount. On 29 March 2018, the court issued an order denying plaintiff's renewed motion for class certification, and on 7 August 2018, the court of appeals denied plaintiff's motion for leave to immediately appeal the denial of class certification. On 28 September 2018, the court denied plaintiff's motion seeking permission to prove liability and damages using a statistical sample of the loans at issue in the case. Discovery is ongoing. On 4 August 2017, Royal Park filed a separate, additional class action complaint against the trustee in the same court asserting claims for breach of contract, unjust enrichment, conversion, breach of trust, equitable accounting and declaratory and injunctive relief arising out of the payment from trust funds of the trustee's legal fees and expenses in the other, ongoing Royal Park litigation. On 13 August 2018, the court stayed the action pending resolution of the underlying Royal Park litigation and denied the trustee's motion to dismiss without prejudice to its refiling once the stay is lifted.

The four individual lawsuits include actions by (a) the National Credit Union Administration Board ("NCUA"), as an investor in 37 trusts, which allegedly suffered total realized collateral losses of U.S.\$ 17.2 billion, although the complaint does not specify a damage amount and NCUA has not yet filed a new complaint to reflect that it has dropped claims as to 60 of the 97 trusts originally at issue; (b) certain CDOs (collectively, "Phoenix Light") that hold RMBS certificates issued by 43 RMBS trusts, and seeking "hundreds of millions of dollars in damages"; (c) Commerzbank AG, as an investor in 50 RMBS trusts, seeking recovery for alleged "hundreds of millions of dollars in losses;" and (d) IKB International, S.A. in Liquidation and IKB Deutsche Industriebank AG (collectively, "IKB"), as an investor in 30 RMBS trusts, seeking more than U.S.\$ 268 million of damages. In the NCUA case, NCUA notified the court on 31 August 2018 that it will drop claims relating to 60 out of the 97 trusts originally at issue; on 5 October 2018, NCUA filed a motion for leave to amend its complaint. In the Phoenix Light case, the plaintiffs filed an amended complaint on 27 September 2017, and the trustees filed an answer to the complaint on 13 November 2017; discovery is ongoing. In the Commerzbank case, the plaintiff filed an amended complaint on 30 November 2017, and the trustees filed an answer to the complaint on 29 January 2018; discovery is ongoing. In the IKB case, the court heard oral argument on the trustee's motion to dismiss on 3 May 2017, but has not yet issued a decision. On 20 June 2017, the IKB plaintiffs stipulated to the dismissal with prejudice of all claims asserted against Deutsche Bank concerning four trusts. Discovery is ongoing. Deutsche Bank was also a defendant in a lawsuit brought by the Western and Southern Life

Insurance Company and five related entities, but on 28 September 2017, plaintiffs filed a notice of voluntary dismissal of their claims, without prejudice.

The Group believes a contingent liability exists with respect to these eight cases, but at present the amount of the contingent liability is not reliably estimable.

Parmalat Litigation

Following the bankruptcy of the Italian company Parmalat, prosecutors in Parma conducted a criminal investigation against various bank employees, including employees of Deutsche Bank, and brought charges of fraudulent bankruptcy and usury against a number of Deutsche Bank employees and others. The trial commenced in September 2009 and a verdict was recently delivered in July 2017. The Deutsche Bank employees were acquitted and, as a result thereof, Deutsche Bank will not be held to have vicarious liability in connection with the actions of the bank employees. The court published its reasoning in January 2018, and the prosecutor did not appeal within the applicable time period, so that the criminal proceedings can now be considered to be at an end. On 28 June 2018, Deutsche Bank received formal certification from the Court of Parma that its decision had become final.

Pas-de-Calais Habitat

On 31 May 2012, Pas-de-Calais Habitat ("PDCH"), a public housing office, initiated proceedings before the Paris Commercial Court against Deutsche Bank in relation to four swap contracts entered into in 2006, restructured on 19 March 2007 and 18 January 2008 and subsequently restructured in 2009 and on 15 June 2010. PDCH asks the Court to declare the 19 March 2007 and 18 January 2008 swap contracts null and void, or terminated, or to grant damages to PDCH in an amount of approximately € 170 million on the grounds, inter alia, that Deutsche Bank committed fraudulent and deceitful acts, manipulated the LIBOR and EURIBOR rates which are used as a basis for calculating the sums due by PDCH under the swap contracts and breached its obligations to warn, advise and inform PDCH. The trial has been scheduled for 21 November 2018 and a decision on the merits is not expected until late in the fourth quarter of 2018 or early in the first quarter of 2019.

Pension Plan Assets

The Group sponsors a number of post-employment benefit plans on behalf of its employees. In Germany, the pension assets that fund the obligations under these pension plans are held by Benefit Trust GmbH. The German tax authorities are challenging the tax treatment of certain income received by Benefit Trust GmbH in the years 2010 to 2013 with respect to its pension plan assets. For the year 2010 Benefit Trust GmbH paid the amount of tax and interest assessed of € 160 million to the tax authorities and is seeking a refund of the amounts paid in litigation. For 2011 to 2013 the matter is stayed pending the outcome of the 2010 tax litigation. The amount of tax and interest under dispute for years 2011 to 2013, which also has been paid to the tax authorities, amounts to € 456 million. In March 2017, the lower fiscal court ruled in favor of Benefit Trust GmbH and in September 2017 the tax authorities appealed the decision to the German supreme fiscal court (*Bundesfinanzhof*). A decision by the supreme fiscal court is not expected for a number of years.

Postbank Voluntary Public Takeover Offer

On 12 September 2010, Deutsche Bank announced the decision to make a voluntary takeover offer for the acquisition of all shares in Deutsche Postbank AG (Postbank). On 7 October 2010, the Bank published the official offer document. In its takeover offer, Deutsche Bank offered Postbank shareholders consideration of € 25 for each Postbank share. The takeover offer was accepted for a total of approximately 48.2 million Postbank shares.

In November 2010, a former shareholder of Postbank, Effecten-Spiegel AG, which had accepted the takeover offer, brought a claim against Deutsche Bank alleging that the offer price was too low and was not determined in accordance with the applicable law of the Federal Republic of Germany. The plaintiff alleges that Deutsche Bank had been obliged to make a mandatory takeover offer for all shares in Postbank, at the latest, in 2009. The plaintiff avers that, at the latest in 2009, the voting rights of Deutsche Post AG in Postbank had to be attributed to Deutsche Bank AG pursuant to Section 30 of the German Takeover Act. Based thereon, the

plaintiff alleges that the consideration offered by Deutsche Bank AG for the shares in Postbank in the 2010 voluntary takeover offer needed to be raised to € 57.25 per share.

The Cologne District Court dismissed the claim in 2011 and the Cologne appellate court dismissed the appeal in 2012. The Federal Court set aside the Cologne appellate court's judgment and referred the case back to the appellate court. In its judgment, the Federal Court stated that the appellate court had not sufficiently considered the plaintiff's allegation that Deutsche Bank AG and Deutsche Post AG "acted in concert" in 2009.

Starting in 2014, additional former shareholders of Postbank, who accepted the 2010 tender offer, brought similar claims as Effecten-Spiegel AG against Deutsche Bank which are pending with the Cologne District Court and the Higher Regional Court of Cologne, respectively. On 20 October 2017, the Cologne District Court handed down a decision granting the claims in a total of 14 cases which were combined in one proceeding. The Cologne District Court took the view that Deutsche Bank was obliged to make a mandatory takeover offer already in 2008 so that the appropriate consideration to be offered in the takeover offer should have been € 57.25 per share. Taking the consideration paid into account, the additional consideration per share owed to shareholders which have accepted the takeover offer would thus amount to € 32.25. Deutsche Bank appealed this decision and the appeal has been assigned to the 13th Senate of the Higher Regional Court of Cologne, which also is hearing the appeal of Effecten-Spiegel AG. The court has scheduled a hearing for 27 March 2019 and (as a precautionary measure) also for 3 April 2019 as regards these appeal proceedings.

On 8 November 2017, a hearing took place before the Higher Regional Court of Cologne in the Effecten-Spiegel case. In that hearing, the Higher Regional Court indicated that it disagreed with the conclusions of the Cologne District Court and took the preliminary view that Deutsche Bank was not obliged to make a mandatory takeover offer in 2008 or 2009. Initially the Higher Regional Court resolved to announce a decision on 13 December 2017. However, this was postponed to February 2018 because the plaintiff challenged the three members of the 13th Senate of the Higher Regional Court of Cologne for alleged prejudice. The challenge was rejected by the Higher Regional Court of Cologne at the end of January 2018. In February 2018, the court granted a motion by Effecten-Spiegel AG to re-open the hearing. Also in relation to the Effecten-Spiegel case, the Higher Regional Court Cologne has scheduled a hearing for 27 March 2019 and (as a precautionary measure) also for 3 April 2019. Further, the court summoned Deutsche Bank's former Management Board member, Stefan Krause, and Dr. Frank Appel, CEO of Deutsche Post AG, to appear as witnesses at this hearing.

Deutsche Bank has been served with a material number of additional lawsuits filed against Deutsche Bank shortly before the end of the year 2017 and these claims are now pending with the District Court of Cologne. Some of the new plaintiffs allege that the consideration offered by Deutsche Bank AG for the shares in Postbank in the 2010 voluntary takeover should be raised to € 64.25 per share.

The claims for payment against Deutsche Bank in relation to these matters total almost € 700 million (excluding interest). In February 2018, a law firm representing some plaintiffs in the above-mentioned civil actions also filed a criminal complaint with the public prosecutor in Frankfurt am Main against certain Deutsche Bank personnel alleging that they engaged in fraudulent conduct in connection with the takeover offer. However, the competent public prosecutors have rejected opening proceedings.

The Group has established a contingent liability with respect to these matters but the Group has not disclosed the amount of this contingent liability because it has concluded that such disclosure can be expected to prejudice seriously the outcome of these matters.

Further Proceedings Relating to the Postbank Takeover

In September 2015, former shareholders of Postbank filed in the Cologne District Court shareholder actions against Postbank to set aside the squeeze-out resolution taken in the shareholders meeting of Postbank in August 2015. Among other things, the plaintiffs allege that Deutsche Bank was subject to a suspension of voting rights with respect to its shares in Postbank based on the allegation that Deutsche Bank failed to make a mandatory takeover offer at a higher price in 2009. The squeeze out is final and the proceeding itself has no reversal effect, but may result in damage payments. The claimants in this proceeding refer to legal arguments similar to those asserted in the Effecten-Spiegel proceeding described above. In a decision on 20 October 2017, the Cologne District Court declared the squeeze-out resolution to be void. The court, however, did not rely on a suspension of voting rights due to an alleged failure of Deutsche Bank to make a mandatory takeover offer, but argued that Postbank violated information rights of Postbank shareholders in Postbank's shareholders meeting in August 2015. Postbank has appealed this decision.

The legal question whether Deutsche Bank had been obliged to make a mandatory takeover offer for all Postbank shares prior to its 2010 voluntary takeover may also impact two pending appraisal proceedings (*Spruchverfahren*). These proceedings were initiated by former Postbank shareholders with the aim to increase the cash compensation offered in connection with the squeeze-out of Postbank shareholders in 2015 and the cash compensation offered and annual guaranteed dividend paid in connection with the execution of a domination and profit and loss transfer agreement (*Beherrschungs- und Gewinnabführungsvertrag*) between DB Finanz-Holding AG (now DB Beteiligungs-Holding GmbH) and Postbank in 2012. The Cologne District Court issued resolutions indicating that it is inclined to consider a potential obligation of Deutsche Bank to make a mandatory takeover offer for Postbank at an offer price of € 57.25 when determining the adequate cash compensation in the appraisal proceedings. The cash compensation paid in connection with the domination and profit and loss transfer agreement was € 25.18 and was accepted for approximately 0.5 million shares. The squeeze-out compensation paid in 2015 was € 35.05 and approximately 7 million shares were squeezed-out.

The Group has not disclosed whether it has established a provision or contingent liability with respect to this matter because it has concluded that such disclosure can be expected to prejudice seriously its outcome.

Precious Metals Investigations and Litigations

Deutsche Bank received inquiries from certain regulatory and law enforcement authorities, including requests for information and documents, pertaining to investigations of precious metals trading and related conduct. Deutsche Bank is cooperating with these investigations, and engaging with relevant authorities, as appropriate. On 29 January 2018, the Bank entered into a U.S.\$ 30 million settlement with the U.S. Commodity Futures Trading Commission (CFTC) to resolve the CFTC's investigation concerning spoofing, manipulation and attempted manipulation in precious metals futures, as well as the manipulation and attempted manipulation of stop loss orders. The order requires that the Bank, among other things, maintain systems and controls reasonably designed to detect spoofing, and maintain training regarding spoofing, manipulation and attempted manipulation. The Order also requires the Bank to continue to cooperate with the CFTC.

Deutsche Bank is a defendant in two consolidated class action lawsuits pending in the U.S. District Court for the Southern District of New York. The suits allege violations of U.S. antitrust law, the U.S. Commodity Exchange Act and related state law arising out of the alleged manipulation of gold and silver prices through participation in the Gold and Silver Fixes, but do not specify the damages sought. Deutsche Bank has reached agreements to settle the Gold action for U.S.\$ 60 million and the Silver action for U.S.\$ 38 million. The agreements remain subject to final court approval.

In addition, Deutsche Bank is a defendant in Canadian class action proceedings in the provinces of Ontario and Quebec concerning gold and silver. Each of the proceedings seeks damages for alleged violations of the Canadian Competition Act and other causes of action. Deutsche Bank has reached agreements to settle these actions. The agreements remain subject to court approval, and the amounts are not material to the Bank.

Russia/UK Equities Trading Investigation

Deutsche Bank has investigated the circumstances around equity trades entered into by certain clients with Deutsche Bank in Moscow and London that offset one another. The total volume of transactions reviewed is significant. Deutsche Bank's internal investigation of potential violations of law, regulation and policy and into the related internal control environment has concluded, and Deutsche Bank is assessing the findings identified during the investigation; to date it has identified certain violations of Deutsche Bank's policies and deficiencies in Deutsche Bank's control environment. Deutsche Bank has advised regulators and law enforcement authorities in several jurisdictions (including Germany, Russia, the UK and U.S.) of this investigation. Deutsche Bank has taken disciplinary measures with regards to certain individuals in this matter and will continue to do so with respect to others as warranted.

On 30 and 31 January 2017, the DFS and the FCA announced settlements with the Bank related to their investigations into this matter. The settlements conclude the DFS and the FCA's investigations into the Bank's anti-money laundering (AML) control function in its investment banking division, including in relation to the equity trading described above. Under the terms of the settlement agreement with the DFS, Deutsche Bank entered into a consent order, and agreed to pay civil monetary penalties of U.S.\$ 425 million and to engage an independent monitor for a term of up to two years. Under the terms of the settlement agreement with the FCA, Deutsche Bank agreed to pay civil monetary penalties of approximately GBP 163 million. On 30 May 2017, the Federal Reserve announced its settlement with the Bank resolving this matter as well as additional AML issues

identified by the Federal Reserve. Deutsche Bank paid a penalty of U.S.\$ 41 million. Deutsche Bank also agreed to retain independent third parties to assess its Bank Secrecy Act/AML program and review certain foreign correspondent banking activity of its subsidiary Deutsche Bank Trust Company Americas. The Bank is also required to submit written remediation plans and programs. The DFS, FCA and Federal Reserve settlement amounts were already materially reflected in existing litigation provisions.

Deutsche Bank continues to cooperate with regulators and law enforcement authorities, including the DOJ, which has its own ongoing investigation into these securities trades. The Group has recorded a provision with respect to the remaining investigation. The Group has not disclosed the amount of this provision because it has concluded that such disclosure can be expected to prejudice seriously the outcome of this matter.

Sebastian Holdings Litigation

Litigation with Sebastian Holdings Inc. (SHI) in respect of claims arising from FX trading activities concluded in the UK Commercial Court in November 2013 when the court awarded Deutsche Bank approximately U.S.\$ 236 million plus interest and dismissed all of SHI's claims. On 27 January 2016, a New York court dismissed substantially similar claims by SHI against Deutsche Bank when it granted Deutsche Bank's motion for summary judgment based on the UK Commercial Court's judgment. The New York court also denied SHI's motion for leave to file an amended complaint. The New York court's decisions were affirmed on appeal on 28 February 2017. The New York State Court of Appeals denied SHI's motion for leave to appeal on 6 June 2017. The time for SHI to seek review by the U.S. Supreme Court has expired, and the decision is now final.

Sovereign, Supranational and Agency Bonds (SSA) Investigations and Litigations

Deutsche Bank has received inquiries from certain regulatory and law enforcement authorities, including requests for information and documents, pertaining to SSA bond trading. Deutsche Bank is cooperating with these investigations.

Deutsche Bank is a defendant in several putative class action complaints filed in the U.S. District Court for the Southern District of New York alleging violations of U.S. antitrust law and common law related to alleged manipulation of the secondary trading market for SSA bonds. Deutsche Bank has reached an agreement to settle the actions for the amount of U.S.\$ 48.5 million and has recorded a provision in the same amount. The settlement is subject to court approval.

Deutsche Bank is also a defendant in putative class actions filed on 7 November and 5 December 2017 in the Ontario Superior Court of Justice and Federal Court of Canada respectively, alleging violations of antitrust law and the common law. The complaints rely on allegations similar to those in the U.S. class actions, and seek compensatory and punitive damages. The cases are in their early stages.

Deutsche Bank was named as a defendant in several putative class action complaints filed in the U.S. District Court for the Southern District of New York alleging violations of U.S. antitrust law and a claim for unjust enrichment relating to Mexican government bond trading. The case is in its early stages.

Other than as noted above, the Group has not disclosed whether it has established provisions or contingent liabilities with respect to the matters referred to above because it has concluded that such disclosure can be expected to prejudice seriously their outcome.

Trust Preferred Securities Litigation

Deutsche Bank and certain of its affiliates and former officers are the subject of a consolidated putative class action, filed in the United States District Court for the Southern District of New York, asserting claims under the federal securities laws on behalf of persons who purchased certain trust preferred securities issued by Deutsche Bank and its affiliates between October 2006 and May 2008. In a series of opinions, the court dismissed all claims as to four of the six offerings at issue, but allowed certain alleged omissions claims relating to the November 2007 and February 2008 offerings to proceed. The district court limited claims relating to the two offerings remaining in the case to alleged failures (i) to disclose "any known trends or uncertainties that have had or that the registrant reasonably expects will have a material favorable or unfavorable impact on net sales or revenues or income from continuing operations" and (ii) to disclose "the most significant factors that make the offering speculative or risky" pursuant to Items 303 and 503 of Regulation S-K. Defendants have

served Answers denying all wrongdoing. On 2 October 2018, the district court certified a plaintiff class as to both offerings. Defendants have sought leave to appeal the decision. Merits discovery is ongoing.

The Group has not disclosed whether it has established a provision or contingent liability with respect to this matter because it has concluded that such disclosure can be expected to prejudice seriously its outcome..

U.S. Embargoes-Related Matters

Deutsche Bank has received requests for information from certain U.S. regulatory and law enforcement agencies concerning its historical processing of U.S. dollar payment orders through U.S. financial institutions for parties from countries subject to U.S. embargo laws in connection with investigations into whether such processing complied with U.S. federal and state laws. In 2006, Deutsche Bank voluntarily decided that it would not engage in new U.S. dollar business with counterparties in Iran, Sudan, North Korea and Cuba and with certain Syrian banks, and to exit existing U.S. dollar business with such counterparties to the extent legally possible. In 2007, Deutsche Bank decided that it would not engage in any new business, in any currency, with counterparties in Iran, Syria, Sudan and North Korea and to exit existing business, in any currency, with such counterparties to the extent legally possible; it also decided to limit its non-U.S. dollar business with counterparties in Cuba. On 3 November 2015, Deutsche Bank entered into agreements with the New York State Department of Financial Services and the Federal Reserve Bank of New York to resolve their investigations of Deutsche Bank. Deutsche Bank paid the two agencies U.S.\$ 200 million and U.S.\$ 58 million, respectively, and agreed not to rehire certain former employees. In addition, the New York State Department of Financial Services ordered Deutsche Bank to terminate certain employees and Deutsche Bank agreed to retain an independent monitor for one year, and the Federal Reserve Bank of New York ordered certain remedial measures including ensuring an effective OFAC compliance program and an annual review of such program by an independent party until the Federal Reserve Bank of New York is satisfied as to its effectiveness.

The Group has not disclosed whether it has established a provision or contingent liability with respect to this matter because it has concluded that such disclosure can be expected to prejudice seriously its outcome.

U.S. Treasury Securities Investigations and Litigations

Deutsche Bank has received inquiries from certain regulatory and law enforcement authorities, including requests for information and documents, pertaining to U.S. Treasuries auctions, trading, and related market activity. Deutsche Bank is cooperating with these investigations.

Deutsche Bank's subsidiary Deutsche Bank Securities Inc. (DBSI) was a defendant in several putative class actions alleging violations of U.S. antitrust law, the U.S. Commodity Exchange Act and common law related to the alleged manipulation of the U.S. Treasury securities market. These cases have been consolidated in the Southern District of New York. On 16 November 2017, plaintiffs filed a consolidated amended complaint, which did not name DBSI as a defendant. On 11 December 2017, the court dismissed DBSI from the class action without prejudice.

The Group has not disclosed whether it has established a provision or contingent liability with respect to these matters because it has concluded that such disclosure can be expected to prejudice seriously their outcome.

Vestia

In December 2016, Stichting Vestia, a Dutch housing association, commenced proceedings against Deutsche Bank in England. The proceedings relate to derivatives entered into between Stichting Vestia and Deutsche Bank between 2005 and 2012. Stichting Vestia alleges that certain of the transactions entered into by it with Deutsche Bank should be set aside on the grounds that they were not within its capacity and/or were induced by the bribery of Vestia's treasurer by an intermediary involved in those transactions. The sums claimed by Stichting Vestia are made up of different elements, some of which have not yet been quantified. The quantum of the claims as articulated at this stage ranges between € 757 million and € 837 million, plus compound interest. Deutsche Bank is defending the claim."

TO THE EXTENT THAT THERE IS ANY INCONSISTENCY BETWEEN (A) ANY STATEMENT IN THIS SUPPLEMENT AND (B) ANY STATEMENT IN, OR INCORPORATED BY REFERENCE IN, THE PROSPECTUS, THE STATEMENTS IN (A) ABOVE SHALL PREVAIL.