

On May 23, 2018, the Bank announced that it had received notification from the Bank of Spain regarding its MREL, as determined by the SRB. The Bank’s MREL has been set at 15.08% of the total liabilities and own funds of the Bank’s resolution group at a sub-consolidated level as of December 31, 2016, which corresponds to 28.04% of the risk-weighted assets of the Bank’s resolution group as of December 31, 2016, and must be met by January 1, 2020. Pursuant to the Group’s multiple-point-of-entry resolution strategy as established by the SRB, the Bank’s resolution group consists of the Bank and its subsidiaries which belong to the same European resolution group. As of December 31, 2016, the total liabilities and own funds of the Bank’s resolution group amounted to €385,647 million, of which the total liabilities and own funds of the Bank comprised approximately 95%, and the risk-weighted assets of the Bank’s resolution group amounted to €207,362 million.

According to our own estimates, we believe that the current own funds and eligible liabilities structure of the Bank’s resolution group is in line with the above MREL. However, the Bank’s MREL is subject to change and no assurance can be given that the Bank may not be subject to a higher MREL at any time in the future.

The EU Banking Reforms further include, as part of MREL, a new subordination requirement of eligible instruments for G-SIBs and “top tier” banks (including the Bank) that will be determined according to their systemic importance, involving a minimum “Pillar 1” subordination requirement. This “Pillar 1” subordination requirement shall be satisfied with own funds and other eligible MREL instruments (which MREL instruments may not for these purposes be senior debt instruments and only MREL instruments constituting “non-preferred” senior debt under the new insolvency hierarchy introduced into Spain will be eligible for compliance with the subordination requirement). For “top tier” banks such as the Bank, this “Pillar 1” subordination requirement has been determined as the higher of 13.5% of the bank’s risk weighted assets (“RWAs”) and 5% of its leverage exposure. Resolution authorities may also impose further “Pillar 2” subordination requirements, which would be determined on a case-by-case basis but at a minimum level equal to the lower of 8% of a bank’s total liabilities and own funds and 27% of its RWAs.

Any failure or perceived failure by the Bank and/or the Group to comply with its MREL (including the subordination requirement) may have a material adverse effect on the Bank’s business, financial conditions and results of operations and could result in the imposition of restrictions or prohibitions on discretionary payments by the Bank, including the payment of dividends and interest or distributions on Additional Tier 1 instruments. There can also be no assurance as to the relationship between the “Pillar 2” additional own funds requirements, the “combined buffer requirement”, the MRELS once implemented in Spain and the restrictions or prohibitions on discretionary payments.

Increased taxation and other burdens imposed on the financial sector may have a material adverse effect on the Bank’s business, financial condition and results of operations

On February 14, 2013, the European Commission published a proposal (the “**Commission’s Proposal**”) for a Directive for a common financial transaction tax (“FTT”) in Belgium, Germany, Estonia, Greece, Spain, France, Italy, Austria, Portugal, Slovenia and Slovakia (the “**participating Member States**”). However, Estonia has since stated that it will not participate.

The Commission’s Proposal has very broad scope and could, if introduced, apply to certain dealings in securities issued by the Group or other issuers (including secondary market transactions) in certain circumstances.

Under the Commission’s Proposal, the FTT could apply in certain circumstances to persons both within and outside the participating Member States. Generally, it would apply to certain dealings in securities where at least one party is a financial institution and at least one party is established in a participating Member State. A financial institution may be, or be deemed to be, “established” in a participating Member State in a broad range of circumstances, including (i) by transacting with a person established in a participating Member State or (ii) where the financial instrument which is subject to the dealings is issued in a participating Member State.

However, the FTT proposal remains subject to negotiation among the participating Member States. It may therefore be altered prior to any implementation, the timing of which remains unclear. Additional EU Member States may decide to participate and participating Member States may decide not to participate.

While the final outcome of the Commission’s Proposal continues to be uncertain, the Spanish council of ministers approved during a meeting held on January 18, 2019 the Bill on the Financial Transaction Tax (the “**Spanish FTT Bill**”), which is based in part on the Commission’s Proposal. The Spanish FTT Bill introduces a new indirect tax, amounting to 0.2%, to be charged on acquisitions of shares in Spanish companies, regardless of the tax residence of the participants in such transactions, provided that such companies are listed and their respective market capitalization is above €1,000 million. If the Spanish FTT Bill becomes law and subsequently the FTT is approved under a Directive, the Spanish FTT Law should be adapted to the Directive’s content.

Moreover, Law 18/2014, of October 15, introduced a 0.03% tax on bank deposits in Spain. This tax is payable annually by Spanish banks.

There can be no assurance that additional national or transnational bank levies or financial transaction taxes will not be adopted by the authorities of the jurisdictions where the Bank operates.

Any levies, taxes or funding requirements imposed on the Bank pursuant to the foregoing or otherwise in any of the jurisdictions where it operates could have a material adverse effect on the Bank’s business, financial condition and results of operations.

Contributions for assisting in the future recovery and resolution of the Spanish banking sector may have a material adverse effect on the Bank’s business, financial condition and results of operations

Law 11/2015 and RD 1012/2015 require Spanish credit institutions, including BBVA, to make at least an annual ordinary contribution to the National Resolution Fund (*Fondo de Resolución Nacional*), payable on request of the FROB. The total amount of contributions to be made to the National Resolution Fund by all Spanish banking entities must equal at least 1% of the aggregate amount of all deposits guaranteed by the Deposit Guarantee Fund (*Fondo de Garantía de Depósitos de Entidades de Crédito*) by December 31, 2024. The contribution will be adjusted to the risk profile of each institution in accordance with the criteria set out in Council Implementing Regulation (EU) 2015/81 of December 19, 2014 and RD 1012/2015. The FROB may, in addition, collect extraordinary contributions.

Furthermore, Law 11/2015 also provides for an additional charge (*tasa*) which shall be used to further fund the activities of the FROB, in its capacity as a resolution authority, which charge shall equal 2.5% of the above annual ordinary contribution to be made to the National Resolution Fund.

Moreover, Commission Delegated Regulation (EU) 2017/2361 of September 14, 2017 establishes the system of contributions to the administrative expenditures of the Single Resolution Board, to be paid by credit institutions in the EU. In addition, since 2016, the Bank has been required to make contributions directly to the EU Single Resolution Fund, once the National Resolution Fund has been integrated into it. See “—Regulatory developments related to the EU fiscal and banking union may have a material adverse effect on the Bank’s business, financial condition and results of operations”.

Any levies, taxes or funding requirements imposed on the Bank pursuant to the foregoing or otherwise in any of the jurisdictions where it operates could have a material adverse effect on the Bank’s business, financial condition and results of operations.

Regulatory developments related to the EU fiscal and banking union may have a material adverse effect on the Bank’s business, financial condition and results of operations

The project of achieving a European banking union was launched in the summer of 2012. Its main goal is to resume progress towards the European single market for financial services by restoring confidence in the European banking sector and ensuring the proper functioning of monetary policy in the Eurozone.

Banking union is expected to be achieved through new harmonized banking rules (the single rulebook) and a new institutional framework with stronger systems for both banking supervision and resolution that will be managed at the European level. Its two main pillars are the SSM and the SRM.

The SSM is intended to assist in making the banking sector more transparent, unified and safer. In accordance with the SSM Framework Regulation, the ECB fully assumed its new supervisory responsibilities within the SSM, in particular the direct supervision of the largest European banks (including the Bank), on November 4, 2014.

The SSM represents a significant change in the approach to bank supervision at a European and global level, even if it is not expected to result in any radical change in bank supervisory practices in the short term. The SSM has resulted in the direct supervision by the ECB of the largest financial institutions, including the Bank, and indirect supervision of around 3,500 financial institutions. In the coming years, the SSM is expected to work to establish a new supervisory culture importing best practices from the 19 supervisory authorities that form part of the SSM. Several steps have already been taken in this regard, such as (i) the publication of the Supervisory Guidelines, (ii) the approval of the SSM Framework Regulation, (iii) the approval of Regulation (EU) 2016/445 of the ECB of March 14, 2016 on the exercise of options and discretions available in European Union law, and (iv) a set of guidelines on the application of CRR's national options and discretions. In addition, the SSM represents an extra cost for the financial institutions that fund it through payment of supervisory fees.

The other main pillar of the EU banking union is the SRM, the main purpose of which is to ensure a prompt and coherent resolution of failing banks in Europe at minimum cost. The SRM Regulation establishes uniform rules and a uniform procedure for the resolution of credit institutions and certain investment firms in the framework of the SRM and a Single Resolution Fund. The new SRB started operating on January 1, 2015 and fully assumed its resolution powers on January 1, 2016. The Single Resolution Fund has also been in place since January 1, 2016, funded by contributions from European banks in accordance with the methodology approved by the Council of the European Union. The Single Resolution Fund is intended to reach a total amount of €55 billion by 2024 and to be used as a separate backstop only after an 8% bail-in of a bank's total liabilities including own funds has been applied to cover capital shortfalls (in line with the BRRD).

By allowing for the consistent application of EU banking rules through the SSM, the banking union is expected to help resume momentum toward economic and monetary union. In order to complete such union, a single deposit guarantee scheme is still needed, which may require a change to the existing European treaties. This is the subject of continued negotiation by European leaders to ensure further progress is made in European fiscal, economic and political integration.

Regulations adopted towards achieving banking and/or fiscal union in the EU and decisions adopted by the ECB in its capacity as the Bank's main supervisory authority may have a material effect on the Bank's business, financial condition and results of operations. In addition, on January 29, 2014, the European Commission released its proposal on the structural reforms of the European banking sector, which will impose new constraints on the structure of European banks. The proposal is aimed at ensuring the harmonization between the divergent national initiatives in Europe. It includes a prohibition on proprietary trading similar to that contained in Section 619 of the Dodd-Frank Act (also known as the Volcker Rule) and a mechanism to potentially require the separation of trading activities (including market-making), such as in the Financial Services (Banking Reform) Act 2013, complex securitizations and risky derivatives.

There can be no assurance that regulatory developments related to the EU fiscal and banking union, and initiatives undertaken at the EU level, will not have a material adverse effect on the Bank's business, financial condition and results of operations.

The Group's anti-money laundering and anti-terrorism programs may be circumvented or otherwise not be sufficient to prevent all money laundering or terrorism financing

Group companies are subject to rules and regulations regarding money laundering and the financing of terrorism. Monitoring compliance with anti-money laundering and anti-terrorism financing rules can put a significant financial burden on banks and other financial institutions and pose significant technical problems. Although the Group believes that its current anti-money laundering program (which includes, among other elements, policies, procedures, technical infrastructure, independent reviews and training activities) is sufficient to comply with applicable rules and regulations, it cannot guarantee that its anti-money laundering and anti-terrorism financing programs will not be circumvented or otherwise be sufficient to prevent all money laundering or terrorism financing. Any of such events may have severe consequences, including sanctions, fines and, notably, reputational consequences, which could have a material adverse effect on the Group's financial condition and results of operations. Further, the Group engages in investigations relating to alleged or suspected violations of anti-money laundering or anti-terrorism rules and regulations from time to time and any such investigations or any related proceedings could be time-consuming and costly.

The Group is exposed to risks in relation to compliance with anti-corruption laws and regulations and economic sanctions programs

The Group is required to comply with the laws and regulations of various jurisdictions where it conducts operations. In particular, its operations are subject to various anti-corruption laws, including the U.S. Foreign Corrupt Practices Act of 1977 and the United Kingdom Bribery Act of 2010, and economic sanction programs, including those administered by the United Nations, the EU and the United States, including the U.S. Treasury Department's Office of Foreign Assets Control. The anti-corruption laws generally prohibit providing anything of value to government officials for the purposes of obtaining or retaining business or securing any improper business advantage. As part of the Group's business, the Group may directly or indirectly, through third parties, deal with entities the employees of which are considered government officials. In addition, economic sanctions programs restrict the Group's business dealings with certain sanctioned countries, individuals and entities.

Although the Group has adopted internal policies, procedures, systems and other mitigating measures designed to ensure compliance with applicable anti-corruption laws and sanctions regulations, there can be no assurance that such policies, procedures, systems and other mitigating measures will be sufficient or that its employees, directors, officers, partners, agents and service providers will not take actions in violation of the Group's policies and procedures (or otherwise in violation of the relevant anti-corruption laws and sanctions regulations) for which it or they may be ultimately held responsible. The Group engages in investigations relating to alleged or suspected violations of anti-corruption laws and sanctions regulations from time to time and such investigations or any related proceedings could be time-consuming and costly and their outcomes difficult to predict. Violations of anti-corruption laws and sanctions regulations could lead to financial penalties being imposed on the Group, limits being placed on the Group's activities, the Group's authorizations and licenses being revoked, damage to the Group's reputation and other consequences that could have a material adverse effect on the Group's business, results of operations and financial condition.

Local regulation may have a material effect on the Bank's business, financial condition, results of operations and cash flows

The Bank's operations are subject to regulatory risks, including the effects of changes in laws, regulations, policies and interpretations, in the various jurisdictions outside Spain where it operates. Regulations in certain jurisdictions where the Bank operates differ in a number of material respects from equivalent regulations in Spain. For example, local regulations may require the Bank's subsidiaries and affiliates to meet capital requirements that are different from those applicable to the Bank as a Spanish bank, they may prohibit certain activities permitted to be undertaken by the Bank in Spain or they may require certain approvals to be obtained in connection with such subsidiaries and affiliates' activities. Changes in regulations may have a material effect on the Group's business and operations, particularly changes affecting Mexico, the United States or Turkey, which are the Group's most significant jurisdictions by assets other than Spain.

Furthermore, the governments in certain regions where the Group operates have exercised, and continue to exercise, significant influence over the local economy. Governmental actions, including changes in laws or regulations or in the interpretation of existing laws or regulations, concerning the economy and state-owned enterprises, or otherwise affecting the Group’s activity, could have a significant effect on the private sector entities in general and on the Bank’s subsidiaries and affiliates in particular. In addition, the Group’s activities in emerging economies, such as Venezuela, are subject to a heightened risk of changes in governmental policies, including expropriation, nationalization, international ownership legislation, interest-rate caps, exchange controls, government restrictions on dividends and tax policies. Any of these risks could have a material adverse effect on the Group’s business, financial condition and results of operations.

The Group is party to a number of legal and regulatory actions and proceedings

BBVA and its subsidiaries are involved in a number of legal and regulatory actions and proceedings, including legal claims and proceedings, civil and criminal regulatory proceedings, governmental investigations and proceedings, tax proceedings and other proceedings, in jurisdictions around the world, the final outcome of which is unpredictable, including in the case of legal proceedings where claimants seek unspecified or undeterminable damages, or where the cases argue novel legal theories, involve a large number of parties or are at early stages of discovery or investigation.

Legal and regulatory actions and proceedings against financial institutions have been on the rise in Spain and other jurisdictions where the Group operates over the last decade, fueled in part by certain recent consumer-friendly rulings. In certain instances, these rulings were as a result of appeals made to national or supranational courts (such as the European Court of Justice). Legal and regulatory actions and proceedings faced by the Group include legal proceedings brought by clients before Spanish and European courts in relation to mortgage loan agreements in which claimants seek that certain provisions of such agreements be declared null and void (including provisions concerning fees and other expenses, early termination, the use of certain interest rate indexes and the use of “floor” clauses limiting the interest rates in mortgages loans). Legal and regulatory actions and proceedings faced by other financial institutions regarding these or other matters, especially if such actions or proceedings result in consumer-friendly rulings, could also adversely affect the Group. The Group is also involved in antitrust proceedings and investigations in certain countries which could, among other matters, give rise to sanctions or lead to lawsuits from clients or other persons. For example, in April 2017, the Mexican Federal Economic Competition Commission (*Comisión Federal de Competencia Económica* or the “**COFECE**”) launched an antitrust investigation relating to alleged monopolistic practices of certain financial institutions, including BBVA’s subsidiary BBVA Bancomer, in connection with transactions in Mexican government bonds. The Mexican Banking and Securities Exchange Commission (*Comisión Nacional Bancaria y de Valores*) also initiated a separate investigation regarding this matter, which resulted in certain fines being initially imposed, insignificant in amount, which BBVA Bancomer has challenged. In March 2018, BBVA Bancomer and certain other affiliates of the Group were named as defendants in a putative class action lawsuit filed in the United States District Court for the Southern District of New York, alleging that the defendant banks and their named subsidiaries engaged in collusion with respect to the purchase and sale of Mexican government bonds. The plaintiffs seek unspecified monetary relief.

The outcome of legal and regulatory actions and proceedings, both those to which the Group is currently exposed and any others which may arise in the future, including actions and proceedings related to former subsidiaries of the Group or in respect of which the Group may have indemnification obligations, is difficult to predict. However, in connection with such matters the Group may incur significant expense, regardless of the ultimate outcome, and any such matters could expose the Group to any of the following outcomes: substantial monetary damages, settlements and/or fines; remediation of affected customers and clients; other penalties and injunctive relief; additional litigation; criminal prosecution in certain circumstances; regulatory restrictions on the Group's business operations including the withdrawal of authorizations; changes in business practices; increased regulatory compliance requirements; the suspension of operations; public reprimands; the loss of significant assets or business; a negative effect on the Group's reputation; loss of confidence by investors, counterparties, customers, clients, supervisors and other stakeholders; risk of credit rating agency downgrades; a potential negative impact on the availability and cost of funding and liquidity; and the dismissal or resignation of key individuals. There is also a risk that the outcome of any legal or regulatory actions or proceedings in which the Group is involved may give rise to changes in laws or regulations as part of a wider response by relevant lawmakers and regulators. A decision in any matter, either against the Group or another financial institution facing similar claims, could lead to further claims against the Group. In addition, responding to the demands of litigation may divert management's time and attention and the Group's financial resources. Moreover, where provisions have already been taken in connection with an action or proceeding, such provisions could prove to be inadequate.

As a result of the above, legal and regulatory actions and proceedings currently faced by the Group or to which it may become subject in the future or otherwise affected by, individually or in the aggregate, if resolved in whole or in part adversely to the Group, could have a material adverse effect on the Group's business, financial condition and results of operations.

We may be affected by actions that are incompatible with our ethics and compliance standards, and by our failure to timely detect or remedy any such actions

Some of our management and/or employees and/or persons doing business with us may engage in activities that are incompatible with our ethics and compliance standards. Although we have adopted measures designed to identify, monitor and mitigate such actions, and remediate them when we become aware of them, we are subject to the risk that our management and/or employees and/or persons doing business with us may engage in fraudulent activity, corruption or bribery, circumvent or override our internal controls and procedures or misappropriate or manipulate our assets for their personal or business advantage to our detriment.

Our business, including relationships with third parties, is guided by ethical principles. We have adopted a Code of Conduct, applicable to all companies and persons which form part of the Group, and a number of internal policies designed to guide our management and employees and reinforce our values and rules for ethical behavior and professional conduct. For further information on our Code of Conduct, see *"Item 16B.Code of Ethics"*. However, we are unable to ensure that all of our management and employees, more than 125,000 people, or persons doing business with us comply at all times with our ethical principles. Acts of misconduct by any employee, and particularly by senior management, could erode trust and confidence and damage the Group's reputation among existing and potential clients and other stakeholders. Negative public opinion could result from actual or alleged conduct by Group entities in any number of activities or circumstances, including operations, employment-related offenses such as sexual harassment and discrimination, regulatory compliance, the use and protection of data and systems, and the satisfaction of client expectations, and from actions taken by regulators or others in response to such conduct.

As of the date of this Annual Report, we are conducting an investigation, led by PricewaterhouseCoopers through the Bank's external legal counsel Garrigues, along with Uría Menéndez, regarding allegations of improper activity related to our relationship with Grupo Cenyt which may have violated our ethical standards and applicable governance or regulatory obligations. Governmental authorities are also investigating this matter. We are carrying out our investigation to protect the Group's interests and in connection therewith are cooperating with governmental authorities and our supervisors. It is not possible at this time to predict the scope or duration of our investigation or any investigations by governmental authorities, or their likely outcomes.

Any failure, whether real or perceived, to follow our ethical principles or to comply with applicable governance or regulatory obligations could harm our reputation, subject us to additional regulatory scrutiny, or otherwise adversely affect the Group's business, financial condition and results of operations.

Liquidity and Financial Risks

The Bank has a continuous demand for liquidity to fund its business activities. The Bank may suffer during periods of market-wide or firm-specific liquidity constraints, and liquidity may not be available to it even if its underlying business remains strong

Liquidity and funding continue to remain a key area of focus for the Group and the industry as a whole. Like all major banks, the Group is dependent on confidence in the short- and long-term wholesale funding markets. Should the Group, due to exceptional circumstances or otherwise, be unable to continue to source sustainable funding, its ability to fund its financial obligations could be affected.

The Bank's profitability or solvency could be adversely affected if access to liquidity and funding is constrained or made more expensive for a prolonged period of time. Under extreme and unforeseen circumstances, such as the closure of financial markets and uncertainty as to the ability of a significant number of firms to ensure they can meet their liabilities as they fall due, the Group's ability to meet its financial obligations as they fall due or to fulfil its commitments to lend could be affected through limited access to liquidity (including government and central bank facilities). In such extreme circumstances, the Group may not be in a position to continue to operate without additional funding support, which it may be unable to access. These factors may have a material adverse effect on the Group's solvency, including its ability to meet its regulatory minimum liquidity requirements. These risks can be exacerbated by operational factors such as an over-reliance on a particular source of funding or changes in credit ratings, as well as market-wide phenomena such as market dislocation, regulatory change or major disasters.

In addition, corporate and institutional counterparties may seek to reduce aggregate credit exposures to the Bank (or to all banks), which could increase the Group's cost of funding and limit its access to liquidity. The funding structure employed by the Group may also prove to be inefficient, thus giving rise to a level of funding cost where the cumulative costs are not sustainable over the longer term. The funding needs of the Group may increase and such increases may be material to the Group's business, financial condition and results of operations.

Withdrawals of deposits or other sources of liquidity may make it more difficult or costly for the Group to fund its business on favorable terms, cause the Group to take other actions or even lead to the exercise of any Spanish Bail-in Power

Historically, one of the Group's principal sources of funds has been savings and demand deposits. Large-denomination time deposits may, under some circumstances, such as during periods of significant interest-rate-based competition for these types of deposits, be a less stable source of deposits than savings and demand deposits. The level of wholesale and retail deposits may also fluctuate due to other factors outside the Group's control, such as a loss of confidence (including as a result of administrative initiatives, including the exercise of any Spanish Bail-in Power and/or confiscation and/or taxation of creditors' funds) or competition from investment funds or other products. The introduction of a national tax on outstanding deposits could adversely affect the Group's activities, especially in Spain.

Moreover, there can be no assurance that, in the event of a sudden or unexpected withdrawal of deposits or shortage of funds in the banking systems or money markets in which the Group operates, or where such withdrawal specifically affects the Group, the Group will be able to maintain its current levels of funding without incurring higher funding costs or having to liquidate certain of its assets. Furthermore, in such an event, the Bank could be subject to the adoption of an early intervention or, ultimately, resolution measure by a Relevant Spanish Resolution Authority pursuant to Law 11/2015 (including, among others but without limitation, the Spanish Bail-in Power and/or Non-Viability Loss Absorption). See "*Legal, Regulatory and Compliance Risks-Bail-in and write-down powers under the BRRD and the SRM Regulation may adversely affect our business and the value of any securities we may issue*" below.

In addition, if public sources of liquidity, such as the ECB extraordinary measures adopted in response to the financial crisis since 2008, are removed from the market, there can be no assurance that the Group will be able to maintain its current levels of funding without incurring higher funding costs or having to liquidate certain of its assets or taking additional deleverage measures, and could be subject to the adoption of any early intervention or, ultimately, resolution measures by resolution authorities pursuant to Law 11/2015 (including, among others but without limitation, the Spanish Bail-in Power and/or Non-Viability Loss Absorption).

Implementation of internationally accepted liquidity ratios might require changes in business practices that affect the profitability of the Bank’s business activities

The liquidity coverage ratio (“LCR”) is a quantitative liquidity standard developed by the BCBS to ensure that those banking organizations to which this standard applies have sufficient high-quality liquid assets to cover expected net cash outflows over a 30-day liquidity stress period. The final standard was announced in January 2013 by the BCBS. The LCR has been progressively implemented since 2015 in accordance with the CRR, with banks having had to fully comply (100%) with such ratio since January 1, 2018. As of December 31, 2018, the LCR of the Group was 127%.

The BCBS’s net stable funding ratio (“NSFR”) has a time horizon of one year and has been developed to provide a sustainable maturity structure of assets and liabilities such that banks maintain a stable funding profile in relation to their on- and off-balance sheet activities that reduces the likelihood that disruptions to a bank’s regular sources of funding will erode its liquidity position in a way that could increase the risk of its failure. The BCBS contemplated that the NSFR, including any revisions, was to be implemented by member countries as a minimum standard by January 1, 2018, with no phase-in. While the NSFR has not yet been introduced, the EU Banking Reforms propose the introduction of a harmonized binding requirement for the NSFR across the EU.

Various elements of the LCR and the NSFR, as they are implemented by national banking regulators and complied with by the Bank, may cause changes that affect the profitability of business activities and require changes to certain business practices, which could expose the Bank to additional costs (including increased compliance costs) or have a material adverse effect on the Bank’s business, financial condition or results of operations. These changes may also cause the Bank to invest significant management attention and resources to make any necessary changes.

The Group’s businesses are subject to inherent risks concerning borrower and counterparty credit quality which have affected and are expected to continue to affect the recoverability and value of assets on the Group’s balance sheet

The Group has exposures to many different products, counterparties and obligors and the credit quality of its exposures can have a significant effect on the Group’s earnings. Adverse changes in the credit quality of the Group’s borrowers and counterparties or collateral, or in their behavior or businesses, may reduce the value of the Group’s assets, and materially increase the Group’s write-downs and provisions for impairment losses. Credit risk can be affected by a range of factors, including an adverse economic environment, reduced consumer and/or government spending, global economic slowdown, changes in the rating of individual counterparties, the debt levels of individual contractual counterparties and the economic environment they operate in, increased unemployment, reduced asset values, increased personal or corporate insolvency levels, reduced corporate profits, changes (and the timing, quantum and pace of these changes) in interest rates, counterparty challenges to the interpretation or validity of contractual arrangements and any external factors of a legislative or regulatory nature. In recent years, the global economic crisis has driven cyclically high bad debt charges.

Non-performing or low credit quality loans have in the past and can continue to negatively affect the Bank’s results of operations. The Bank cannot assure that it will be able to effectively control the level of the impaired loans in its total loan portfolio. At present, default rates are partly cushioned by low rates of interest which have improved customer affordability, but the risk remains of increased default rates as interest rates start to rise. The timing, quantum and pace of any rise are key risk factors. All new lending is dependent on the Group’s assessment of each customer’s ability to pay, and there is an inherent risk that the Group has incorrectly assessed the credit quality or willingness of borrowers to pay, possibly as a result of incomplete or inaccurate disclosure by those borrowers or as a result of the inherent uncertainty that is involved in the exercise of constructing models to estimate the true risk of lending to counterparties. The Group estimates and establishes reserves for credit risks and potential credit losses inherent in its credit exposure. This process, which is critical to the Group’s results and financial condition, requires difficult, subjective and complex judgments, including forecasts of how macro-economic conditions might impair the ability of borrowers to repay their loans. As is the case with any such assessments, there is always a risk that the Group will fail to adequately identify the relevant factors or that it will fail to estimate accurately the effect of these identified factors, which could have a material adverse effect on the Group’s business, financial condition or results of operations.

The Group’s business is particularly vulnerable to volatility in interest rates

The Group’s results of operations are substantially dependent upon the level of its net interest income, which is the difference between interest income from interest-earning assets and interest expense on interest-bearing liabilities. Interest rates are highly sensitive to many factors beyond the Group’s control, including fiscal and monetary policies of governments and central banks, regulation of the financial sectors in the markets in which it operates, domestic and international economic and political conditions and other factors. Changes in market interest rates, including cases of negative reference rates, can affect the interest rates that the Group receives on its interest-earning assets differently to the rates that it pays for its interest-bearing liabilities. This may, in turn, result in a reduction of the net interest income the Group receives, which could have a material adverse effect on its results of operations.

In addition, the high proportion of loans referenced to variable interest rates makes debt service on such loans more vulnerable to changes in interest rates. In addition, a rise in interest rates could reduce the demand for credit and the Group’s ability to generate credit for its clients, as well as contribute to an increase in the credit default rate. As a result of these and the above factors, significant changes or volatility in interest rates could have a material adverse effect on the Group’s business, financial condition or results of operations.

The Group has a substantial amount of commitments with personnel considered wholly unfunded due to the absence of qualifying plan assets

The Group’s commitments with personnel which are considered to be wholly unfunded are recognized under the heading “Provisions–Provisions for Pensions and Similar Obligations” in its consolidated balance sheets included in the Consolidated Financial Statements. For more information, please see Note 25 to our Consolidated Financial Statements.

The Group faces liquidity risk in connection with its ability to make payments on its unfunded commitments with personnel, which it seeks to mitigate, with respect to post-employment benefits, by maintaining insurance contracts which were contracted with insurance companies owned by the Group. The insurance companies have recorded in their balance sheets specific assets (fixed interest deposit and bonds) assigned to the funding of these commitments. The insurance companies also manage derivatives (primarily swaps) to mitigate the interest rate risk in connection with the payments of these commitments. The Group seeks to mitigate liquidity risk with respect to early retirements and post-employment welfare benefits through oversight by the Assets and Liabilities Committee (“ALCO”) of the Group. The Group’s ALCO manages a specific asset portfolio to mitigate the liquidity risk resulting from the payments of these commitments. These assets are government and covered bonds which are issued at fixed interest rates with maturities matching the aforementioned commitments. The Group’s ALCO also manages derivatives (primarily swaps) to mitigate the interest rate risk in connection with the payments of these commitments. Should BBVA fail to adequately manage liquidity risk and interest rate risk either as described above or otherwise, it could have a material adverse effect on the Group’s business, financial condition and results of operations.

The Bank and certain of its subsidiaries are dependent on their credit ratings and any reduction of their credit ratings could materially and adversely affect the Group’s business, financial condition and results of operations

The Bank and certain of its subsidiaries are rated by various credit rating agencies. The credit ratings of the Bank and such subsidiaries are an assessment by rating agencies of their ability to pay their obligations when due. Any actual or anticipated decline in the Bank’s or such subsidiaries’ credit ratings to below investment grade or otherwise may increase the cost of and decrease the Group’s ability to finance itself in the capital markets, secured funding markets (by affecting its ability to replace downgraded assets with better-rated ones), or interbank markets, through wholesale deposits or otherwise, harm its reputation, require it to replace funding lost due to the downgrade, which may include the loss of customer deposits, and make third parties less willing to transact business with the Group or otherwise materially adversely affect its business, financial condition and results of operations. Furthermore, any decline in the Bank’s or such subsidiaries’ credit ratings to below investment grade or otherwise could breach certain agreements or trigger additional obligations under such agreements, such as a requirement to post additional collateral, which could materially adversely affect the Group’s business, financial condition and results of operations. See “—Macroeconomic Risks—Any decline in the Kingdom of Spain’s sovereign credit ratings could adversely affect the Group’s business, financial condition and results of operations”.

Highly-indebted households and corporations could endanger the Group’s asset quality and future revenues

In recent years, households and businesses have reached a high level of indebtedness, particularly in Spain, which has created increased risk in the Spanish banking system. In addition, the high proportion of loans referenced to variable interest rates makes debt service on such loans more vulnerable to upward movements in interest rates and the profitability of the loans more vulnerable to interest rate decreases. Highly indebted households and businesses are less likely to be able to service debt obligations as a result of adverse economic events, which could have an adverse effect on the Group’s loan portfolio and, as a result, on its financial condition and results of operations. Moreover, the increase in households’ and businesses’ indebtedness also limits their ability to incur additional debt, reducing the number of new products that the Group may otherwise be able to sell to them and limiting the Group’s ability to attract new customers who satisfy its credit standards, which could have an adverse effect on the Group’s ability to achieve its growth plans.

The Group depends in part upon dividends and other funds from subsidiaries

Some of the Group’s operations are conducted through its financial services subsidiaries. As a result, the Bank’s ability to pay dividends, to the extent the Bank decides to do so, depends in part on the ability of the Group’s subsidiaries to generate earnings and to pay dividends to BBVA. Payment of dividends, distributions and advances by the Group’s subsidiaries is contingent upon their earnings and business considerations and is or may be limited by legal, regulatory and contractual restrictions. For instance, the repatriation of dividends from the Group’s Venezuelan and Argentinean subsidiaries have been subject to certain restrictions and there is no assurance that further restrictions will not be imposed. Additionally, the Bank’s right to receive any assets of any of the Group’s subsidiaries as an equity holder of such subsidiaries upon their liquidation or reorganization will be effectively subordinated to the claims of subsidiaries’ creditors, including trade creditors. The Group also has to comply with increased capital requirements, which could result in the imposition of restrictions or prohibitions on discretionary payments including the payment of dividends and other distributions to the Bank by its subsidiaries (see “—Legal, Regulatory and Compliance Risks—Increasingly onerous capital requirements may have a material adverse effect on the Bank’s business, financial condition and results of operations”).

Business and Industry Risks

The Group faces increasing competition in its business lines

The markets in which the Group operates are highly competitive and this trend will likely continue with new business models likely to be developed in coming years whose impact is unforeseeable. In addition, the trend towards consolidation in the banking industry has created larger and stronger banks with which the Group must now compete.

The Group also faces competition from non-bank competitors, such as payment platforms, e-commerce businesses, department stores (for some credit products), automotive finance corporations, leasing companies, factoring companies, mutual funds, pension funds, insurance companies, and public debt.

In recent years, the financial services sector has experienced a significant transformation, closely linked to the development of the internet and mobile technologies. Part of that transformation involves the entrance of new players, such as non-bank digital providers that compete (and cooperate) between them and with banks in most of the areas of financial services as well as large digital players such as Amazon, Google, Facebook or Apple, who have also started to offer financial services (mainly, payments and credit) ancillary to their core business. However, as of the date of this Annual Report, there is an uneven playing field between banks and such non-bank players. For example, banking groups are subject to prudential regulations that have implications for most of their businesses, including those in which they compete with non-bank players that are only subject to activity-specific regulations or benefit from regulatory uncertainty. In addition, fintech activities are generally subject to additional rules on internal governance when they are carried out within a banking group. For instance, the CRD IV Directive limits the ratio between the variable and the fixed salary that financial institutions can pay to certain staff members identified as risk takers. This places banking groups such as the Group at a competitive disadvantage for attracting and retaining digital talent and for retaining the founders and management teams of acquired start-ups.

Existing loopholes in the regulatory framework are another source of uneven playing fields between banks and non-bank players. Some new services or business models are not yet covered under existing regulations. In these cases, asymmetries between players arise since regulated providers often face obstacles to engage in unregulated activities. For instance, the EBA has recommended to competent authorities that they prevent credit institutions, payment institutions and e-money institutions from buying, holding or selling virtual currencies.

The Group's future success may depend, in part, on its ability to use technology to provide products and services that provide convenience to customers. Despite the technological capabilities the Group has been developing and its commitment to digitalization, as a result of the uneven playing field referred to above or for other reasons, the Group may not be able to effectively implement new technology-driven products and services or be successful in marketing or delivering these products and services to its customers, which would adversely affect the Group's business, financial condition and results of operations.

In addition, companies offering new applications and financial-related services based on artificial intelligence are becoming more competitive. The often lower cost and higher processing speed of these new applications and services can be especially attractive to technologically-adept purchasers. As technology continues to evolve, more tasks currently performed by people may be replaced by automation, machine learning and other advances outside of the Group's control. If the Group is not able to successfully keep pace with these technological advances, its business may be adversely affected.

In addition, the project of achieving a European capital markets union was launched by the European Commission as a plan to mobilize capital in Europe, being one of its main objectives to provide businesses with a greater choice of funding at lower costs and to offer new opportunities for savers and investors. These objectives are expected to be achieved by developing a more diversified financial system complementing bank financing with deep and developed capital markets, which may adversely affect the Group's business, financial condition and results of operations.

The Group faces risks related to its acquisitions and divestitures

The Group's mergers and acquisitions activity involves divesting its interests in some businesses and strengthening other business areas through acquisitions. The Group may not complete these transactions in a timely manner, on a cost-effective basis or at all. Even though the Group reviews the companies it plans to acquire, it is generally not feasible for these reviews to be complete in all respects. As a result, the Group may assume unanticipated liabilities, or an acquisition may not perform as well as expected. In addition, transactions such as these are inherently risky because of the difficulties of integrating people, operations and technologies that may arise. There can be no assurance that any of the businesses the Group acquires can be successfully integrated or that they will perform well once integrated. Acquisitions may also lead to potential write-downs due to unforeseen business developments that may adversely affect the Group's results of operations.

The Group's results of operations could also be negatively affected by acquisition or divestiture-related charges, amortization of expenses related to intangibles and charges for impairment of long-term assets. The Group may be subject to litigation in connection with, or as a result of, acquisitions or divestitures, including claims from terminated employees, customers or third parties, and the Group may be liable for future or existing litigation and claims related to the acquired business because either the Group is not indemnified for such claims or the indemnification is insufficient. Further, in the case of a divestiture, the Group may be required to indemnify the buyer in respect of certain matters, including claims against the divested entity or business. Any of the foregoing, could cause the Group to incur significant expenses and could materially adversely affect its business, financial condition and results of operations.

The Group's ability to maintain its competitive position depends significantly on its international operations, which expose the Group to foreign exchange, political and other risks in the countries in which it operates, which could cause an adverse effect on its business, financial condition and results of operations

The Group operates commercial banks and insurance and other financial services companies in various countries and its overall success as a global business depends upon its ability to succeed in differing economic, social and political conditions. The Group is particularly sensitive to developments in Mexico, the United States, Turkey and Argentina, which represented 14.3%, 12.1%, 9.8% and 1.2% of the Group's assets as at December 31, 2018, respectively.

The Group is confronted with different legal and regulatory requirements in many of the jurisdictions in which it operates. See *"Legal, Regulatory and Compliance Risks—Local regulation may have a material effect on the Bank's business, financial condition, results of operations and cash flows"*. These include, but are not limited to, different tax regimes and laws relating to the repatriation of funds or nationalization or expropriation of assets. The Group's international operations may also expose it to risks and challenges which its local competitors may not be required to face, such as exchange rate risk, difficulty in managing a local entity from abroad, political risk which may be particular to foreign investors and limitations on the distribution of dividends. As of December 31, 2018, approximately 45.4% of the Group's assets and approximately 44.6% of its liabilities were denominated in currencies other than euro.

The Group's presence in locations such as the Latin American markets or Turkey requires it to respond to rapid changes in market conditions in these countries and exposes the Group to increased risks relating to emerging markets. See *"Macroeconomic Risks—The Group may be materially adversely affected by developments in the emerging markets where it operates"*. There can be no assurance that the Group will succeed in developing and implementing policies and strategies that are effective in each country in which it operates or that any of the foregoing factors will not have a material adverse effect on its business, financial condition and results of operations.

Reporting and Other Financial and Operational Risks

Weaknesses or failures in the Group’s internal or outsourced processes, systems and security could materially adversely affect its business, financial condition and results of operations and could result in reputational damage

Operational risks, through inadequate or failed internal processes, systems (including financial reporting and risk monitoring processes) or security, or from people-related or external events, including the risk of fraud and other criminal acts carried out by Group employees or against Group companies, are present in the Group’s businesses. These businesses are dependent on processing and reporting accurately and efficiently a high volume of complex transactions across numerous and diverse products and services, in different currencies and subject to a number of different legal and regulatory regimes. Any weakness in these internal processes, systems or security could have an adverse effect on the Group’s results, the reporting of such results, and on the ability to deliver appropriate customer outcomes during the affected period. In addition, any breach in security of the Group’s systems could disrupt its business, result in the disclosure of confidential information and create significant financial and legal exposure for the Group. Although the Group devotes significant resources to maintain and regularly update its processes and systems that are designed to protect the security of its systems, software, networks and other technology assets, there is no assurance that all of its security measures will provide absolute security. Furthermore, the Group has outsourced certain functions (such as the storage of certain information) to third parties and, as a result, it is dependent on the adequacy of the internal processes, systems and security measures of such third parties. Any actual or perceived inadequacies, weaknesses or failures in the Group’s systems, processes or security or the systems, processes or security of such third parties could damage the Group’s reputation (including harming customer confidence) or could otherwise have a material adverse effect on its business, financial condition and results of operations.

The financial industry is increasingly dependent on information technology systems, which may fail, may not be adequate for the tasks at hand or may no longer be available

Banks and their activities are increasingly dependent on highly sophisticated information technology (“IT”) systems. IT systems are vulnerable to a number of problems, such as software or hardware malfunctions, computer viruses, hacking and physical damage to vital IT centers. IT systems need regular upgrading and banks, including the Bank, may not be able to implement necessary upgrades on a timely basis or upgrades may fail to function as planned.

Furthermore, the Group is under continuous threat of loss due to cyber-attacks, especially as it continues to expand customer capabilities to utilize internet and other remote channels to transact business. Two of the most significant cyber-attack risks that it faces are e-fraud and breach of sensitive customer data. Loss from e-fraud occurs when cybercriminals breach and extract funds directly from customers’ or the Group’s accounts. A breach of sensitive customer data, such as account numbers, could present significant reputational impact and significant legal and/or regulatory costs to the Group.

Over the past few years, there have been a series of distributed denial of service attacks on financial services companies. Distributed denial of service attacks are designed to saturate the targeted online network with excessive amounts of network traffic, resulting in slow response times, or in some cases, causing the site to be temporarily unavailable. Generally, these attacks have not been conducted to steal financial data, but meant to interrupt or suspend a company’s internet service. While these events may not result in a breach of client data and account information, the attacks can adversely affect the performance of a company’s website and in some instances have prevented customers from accessing a company’s website. Distributed denial of service attacks, hacking and identity theft risks could cause serious reputational harm. Cyber threats are rapidly evolving and the Group may not be able to anticipate or prevent all such attacks. The Group’s risk and exposure to these matters remains heightened because of the evolving nature and complexity of these threats from cybercriminals and hackers, its plans to continue to provide internet banking and mobile banking channels, and its plans to develop additional remote connectivity solutions to serve its customers. The Group may incur increasing costs in an effort to minimize these risks and could be held liable for any security breach or loss.

Additionally, fraud risk may increase as the Group offers more products online or through mobile channels.

In addition to costs that may be incurred as a result of any failure of its IT systems, the Group could face fines from bank regulators if it fails to comply with applicable banking or reporting regulations as a result of any such IT failure or otherwise.

Any of the above risks could have a material adverse effect on the Group's business, financial condition and results of operations.

The Group faces security risks, including denial of service attacks, hacking, social engineering attacks targeting its partners and customers, malware intrusion or data corruption attempts, and identity theft that could result in the disclosure of confidential information, adversely affect its business or reputation, and create significant legal and financial exposure

The Group's computer systems and network infrastructure and those of third parties, on which it is highly dependent, are subject to security risks and could be susceptible to cyber-attacks, such as denial of service attacks, hacking, terrorist activities or identity theft. The Group's business relies on the secure processing, transmission, storage and retrieval of confidential, proprietary and other information in its computer and data management systems and networks, and in the computer and data management systems and networks of third parties. In addition, to access the Group's network, products and services, its customers and other third parties may use personal mobile devices or computing devices that are outside of its network environment and are subject to their own cybersecurity risks.

The Group, its customers, regulators and other third parties, including other financial services institutions and companies engaged in data processing, have been subject to, and are likely to continue to be the target of, cyber-attacks. These cyber-attacks include computer viruses, malicious or destructive code, phishing attacks, denial of service or information, ransomware, improper access by employees or vendors, attacks on personal email of employees, ransom demands to not expose security vulnerabilities in the Group's systems or the systems of third parties or other security breaches that could result in the unauthorized release, gathering, monitoring, misuse, loss or destruction of confidential, proprietary and other information of the Group, its employees, its customers or of third parties, damage its systems or otherwise materially disrupt the Group's or its customers' or other third parties' network access or business operations. As cyber threats continue to evolve, the Group may be required to expend significant additional resources to continue to modify or enhance its protective measures or to investigate and remediate any information security vulnerabilities or incidents. Despite efforts to ensure the integrity of the Group's systems and implement controls, processes, policies and other protective measures, the Group may not be able to anticipate all security breaches, nor may it be able to implement guaranteed preventive measures against such security breaches and the measures implemented by the Group may not be sufficient. Cyber threats are rapidly evolving and the Group may not be able to anticipate or prevent all such attacks and could be held liable for any security breach or loss.

Cybersecurity risks for banking organizations have significantly increased in recent years in part because of the proliferation of new technologies, and the use of the internet and telecommunications technologies to conduct financial transactions. For example, cybersecurity risks may increase in the future as the Group continues to increase its mobile-payment and other, internet-based product offerings and expand its internal usage of web-based products and applications. In addition, cybersecurity risks have significantly increased in recent years in part due to the increased sophistication and activities of organized crime affiliates, terrorist organizations, hostile foreign governments, disgruntled employees or vendors, activists and other external parties, including those involved in corporate espionage. Even the most advanced internal control environment may be vulnerable to compromise. Targeted social engineering attacks and "spear phishing" attacks are becoming more sophisticated and are extremely difficult to prevent. In such an attack, an attacker will attempt to fraudulently induce colleagues, customers or other users of the Group's systems to disclose sensitive information in order to gain access to its data or that of its clients. Persistent attackers may succeed in penetrating the Group's defenses given enough resources, time, and motive. The techniques used by cyber criminals change frequently, may not be recognized until launched and may not be recognized until well after a breach has occurred. The risk of a security breach caused by a cyber-attack at a vendor or by unauthorized vendor access has also increased in recent years. Additionally, the existence of cyber-attacks or security breaches at third-party vendors with access to the Group's data may not be disclosed to it in a timely manner.

The Group also faces indirect technology, cybersecurity and operational risks relating to the customers, clients and other third parties with whom it does business or upon whom it relies to facilitate or enable its business activities, including, for example, financial counterparties, regulators and providers of critical infrastructure such as internet access and electrical power. As a result of increasing consolidation, interdependence and complexity of financial entities and technology systems, a technology failure, cyber-attack or other information or security breach that significantly degrades, deletes or compromises the systems or data of one or more financial entities could have a material impact on counterparties or other market participants, including the Group. This consolidation, interconnectivity and complexity increase the risk of operational failure, on both individual and industry-wide bases, as disparate systems need to be integrated, often on an accelerated basis. Any third-party technology failure, cyber-attack or other information or security breach, termination or constraint could, among other things, adversely affect the Group's ability to effect transactions, service its clients, manage its exposure to risk or expand its business.

Cyber-attacks or other information or security breaches, whether directed at the Group or third parties, may result in a material loss or have material consequences. Furthermore, the public perception that a cyber-attack on its systems has been successful, whether or not this perception is correct, may damage the Group's reputation with customers and third parties with whom it does business. Hacking of personal information and identity theft risks, in particular, could cause serious reputational harm. A successful penetration or circumvention of system security could cause the Group serious negative consequences, including loss of customers and business opportunities, significant business disruption to its operations and business, misappropriation or destruction of its confidential information and/or that of its customers, or damage to the Group's or its customers' and/or third parties' computers or systems, and could result in a violation of applicable privacy laws and other laws, litigation exposure, regulatory fines, penalties or intervention, loss of confidence in the Group's security measures, reputational damage, reimbursement or other compensatory costs, additional compliance costs, and could adversely impact its results of operations, liquidity and financial condition.

The Group could be the subject of misinformation

The Group may be the subject of intentional misinformation and misrepresentations deliberately propagated to harm the Group's reputation or for other deceitful purposes. Such misinformation could also be propagated by profiteering short sellers seeking to gain an illegal market advantage by spreading false information concerning the Group. The Group cannot assure that it will effectively neutralize and contain any false information that may be propagated regarding the Group, which could have an adverse effect on the Group's business, financial condition and results of operations.

BBVA's financial statements and periodic disclosure under securities laws may not give you the same information as financial statements prepared under U.S. accounting rules and periodic disclosures provided by domestic U.S. issuers

Publicly available information about public companies in Spain is generally less detailed and not as frequently updated as the information that is regularly published by or about listed companies in the United States. In addition, although BBVA is subject to the periodic reporting requirements of the Exchange Act, the periodic disclosure required of foreign private issuers such as BBVA under the Exchange Act is more limited than the periodic disclosure required of U.S. issuers. Finally, BBVA maintains its financial accounts and records and prepares its financial statements in compliance with IFRS-IASB and in accordance with EU-IFRS required to be applied under the Bank of Spain's Circular 4/2017, which replaced the Bank of Spain's Circular 4/2004 for financial statements relating to periods ended January 1, 2018 and thereafter, which differs in certain respects from U.S. GAAP, the financial reporting standard to which many investors in the United States may be more accustomed.