# MOODY'S INVESTORS SERVICE

# **CREDIT OPINION**

16 December 2019

## Update

## Rate this Research

### RATINGS

Santander Bank Pols	ika S.A.
Domicile	Warsaw, Poland
Long Term CRR	A1
Туре	LT Counterparty Risk Rating - Fgn Curr
Outlook	Not Assigned
Long Term Debt	A3
Туре	Senior Unsecured - Fgn Curr
Outlook	Stable
Long Term Deposit	A2
Туре	LT Bank Deposits - Fgn Curr
Outlook	Stable

Please see the <u>ratings section</u> at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

### Contacts

Maria Vinuela VP-Senior Analyst maria.vinuela@moodys.	+34.91.768.8237
<b>Romy Van Rooij</b> Associate Analyst romy.vanrooij@moodys.	+44.20.7772.1638
Carola Schuler MD-Banking carola.schuler@moodys.	+49.69.70730.766

#### **CLIENT SERVICES**

Americas	1-212-553-1653
Asia Pacific	852-3551-3077
Japan	81-3-5408-4100
EMEA	44-20-7772-5454

# Santander Bank Polska S.A.

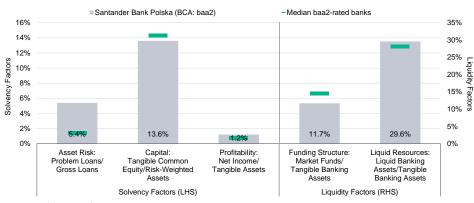
Update to credit analysis

### Summary

Santander Bank Polska S.A.'s (SBP, formerly Bank Zachodni WBK) A2/Prime-1 deposit and A3 senior unsecured debt ratings incorporate (1) the bank's standalone Baseline Credit Assessment (BCA) of baa2; (2) our assumption of moderate parental support from Banco Santander S.A. (Spain) (Banco Santander, deposits A2 stable; BCA baa1), which results in one notch of uplift from the bank's BCA to a baa1 Adjusted BCA; (3) the results of our Advanced Loss Given Failure (LGF) analysis, which takes into account the severity of loss faced by different liability classes in resolution and leads to two notches of uplift for SBP's deposit ratings; and (4) our assumption of a moderate likelihood of support from the <u>Government of Poland</u> (A2 stable) if necessary, given the bank's increased market share and importance to the Polish banking system, which does not result in any additional rating uplift.

SBP's BCA of baa2 is supported by <u>Poland's Macro Profile of Strong-</u> and (1) good capitalisation, supported by retained earnings, (2) moderate asset quality and strong, albeit softening profitability; (3) good liquidity and a moderate level of market funding, despite some dependence on medium-term wholesale foreign-exchange funding. The bank's exposure to legacy foreign-currency mortgages is low and the bank is therefore less vulnerable to heightened legal risks following a borrower-friendly ruling by the European Court of Justice in October 2019.

#### Exhibit 1 Rating Scorecard - Key financial ratios



Source: Moody's Financial Metrics

## **Credit strengths**

- » Adequate capitalisation, supported by retained earnings
- » Strong profitability, although it is facing challenges
- » Good liquidity buffer

## **Credit challenges**

- » Moderate asset quality, in line with that of peers
- » Limited and declining exposure to Swiss franc (CHF) mortgages which is subject to heightened legal risks
- » Some dependence on medium-term wholesale foreign-exchange funding despite a predominantly deposit-funded profile

## Outlook

The outlook on SBP's ratings is stable, reflecting limited upward or downward pressure on the bank's ratings over the next 12-18 months.

## Factors that could lead to an upgrade

SBP's deposit ratings are at the level of the Polish government's rating and could be upgraded in the event of (1) a higher notching uplift from our Advanced LGF analysis; or (2) an upgrade of the Polish sovereign rating, in combination with an upgrade of the bank's Adjusted BCA.

The bank's A3 senior unsecured debt rating could be upgraded as a result of (1) an upgrade of its Adjusted BCA; (2) an upgrade of the Polish government's rating; or (3) an additional one-notch uplift from the Advanced LGF analysis because of additional volumes of subordinated instruments, which would imply higher protection for senior creditors and a lower loss given failure in resolution.

Upward pressure on the bank's standalone BCA would be largely conditional on a continuous improvement in its asset quality, while maintaining or improving its regulatory capital, profitability and funding. A one-notch upgrade of the BCA will result in the compression of the currently applicable one-notch affiliate support uplift from Banco Santander and no changes to the Adjusted BCA of baa1.

## Factors that could lead to a downgrade

A downgrade of SBP's deposit ratings could be triggered by (1) a downgrade of its BCA, or (2) a decrease in the uplift from our Advanced LGF analysis, or both. The negative impact on the debt rating from a lower BCA or a reduced uplift from the LGF analysis could be offset by a one-notch uplift from government support.

The bank's BCA could be downgraded in case of (1) a significant deterioration in its asset quality, profitability and/or capital levels; and (2) a substantial increase in its market funding reliance.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on www.moodys.com for the most updated credit rating action information and rating history.

2 16 December 2019

Santander Bank Polska S.A.: Update to credit analysis

## **Key indicators**

#### Exhibit 2

### Santander Bank Polska S.A. (Consolidated Financials) [1]

	09-19 <sup>2</sup>	12-18 <sup>2</sup>	12-17 <sup>2</sup>	12-16 <sup>2</sup>	12-15 <sup>2</sup>	CAGR/Avg. <sup>3</sup>
Total Assets (PLN Billion)	204.1	205.8	152.7	150.1	138.7	10.8 <sup>4</sup>
Total Assets (USD Million)	50,901.8	54,791.1	43,932.9	35,958.1	35,126.7	10.4 <sup>4</sup>
Tangible Common Equity (PLN Billion)	21.2	21.6	19.0	17.3	17.5	5.3 <sup>4</sup>
Tangible Common Equity (USD Million)	5,280.0	5,744.5	5,470.0	4,153.4	4,421.1	4.8 <sup>4</sup>
Problem Loans / Gross Loans (%)	4.5	4.6	5.8	6.6	7.3	5.7 <sup>5</sup>
Tangible Common Equity / Risk Weighted Assets (%)	13.6	14.4	15.3	15.0	15.4	14.7 <sup>6</sup>
Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%)	25.1	24.9	27.3	32.0	32.2	28.3 <sup>5</sup>
Net Interest Margin (%)	3.2	3.4	3.6	3.4	3.2	3.3 <sup>5</sup>
PPI / Average RWA (%)	2.9	3.1	3.4	3.1	3.1	3.1 <sup>6</sup>
Net Income / Tangible Assets (%)	1.2	1.2	1.7	1.4	1.5	1.4 <sup>5</sup>
Cost / Income Ratio (%)	51.9	50.9	48.8	51.3	50.8	50.8 <sup>5</sup>
Market Funds / Tangible Banking Assets (%)	9.7	11.7	8.7	9.2	11.1	10.1 <sup>5</sup>
Liquid Banking Assets / Tangible Banking Assets (%)	25.4	29.6	24.5	26.3	26.8	26.5 <sup>5</sup>
Gross Loans / Due to Customers (%)	97.2	93.6	101.1	95.9	98.8	97.3 <sup>5</sup>

[1]All figures and ratios are adjusted using Moody's standard adjustments. [2]Basel III - fully-loaded or transitional phase-in; IFRS. [3]May include rounding differences due to scale of reported amounts. [4]Compound Annual Growth Rate (%) based on time period presented for the latest accounting regime. [5]Simple average of periods presented for the latest accounting regime. [6]Simple average of Basel III periods presented.

Source: Moody's Investors Service; Company Filings

## Profile

Santander Bank Polska S.A. (SBP) is a universal commercial bank in Poland. It became the second-largest bank in Poland following a number of acquisitions in recent years, with a reported 11.8% market share each in customer deposits and loans as of 30 September 2019. The bank provides retail and corporate clients with banking and other financial services, including securities trading, leasing, factoring, insurance and asset management.

SBP was established in 2001, following the merger of Bank Zachodni and Wielkopolski Kredytowy. On 7 September 2018, the bank rebranded itself to Santander Bank Polska S.A. from Bank Zachodni WBK S.A. It has been listed on the Warsaw Stock Exchange since 2001 (stock code: SPL). As of 30 September 2019, Banco Santander held a 67.5% stake in SBP.

In its latest corporate transaction, which was completed in the fourth quarter of 2018, SBP acquired the retail and small and mediumsized enterprise (SME) businesses of Deutsche Bank Polska S.A. (core DB Polska) from <u>Deutsche Bank AG</u> (A3 negative, ba1<sup>1</sup>), excluding foreign-currency mortgages and the corporate and investment banking business. The acquired assets (retail and SME loans) accounted for 14% of SBP's 2018 gross loans.

## Detailed credit considerations

### Moderate asset quality, which is better than sector average

We assign a ba1 Asset Risk score, in line with the Macro-Adjusted score. We believe that SPB's asset quality will likely remain broadly unchanged over the outlook period, driven by the favourable economic environment, a gradual decline in the CHF mortgage book, as well as the seasoning of the loan book, which grew significantly in the past several years.

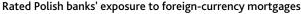
The bank's nonperforming loan (NPL) ratio decreased to 4.5% in September 2019 from 5.5% a year earlier, helped by the acquisition of DB Polska, which had substantially lower NPLs than SBP. This NPL ratio is below the average for the Polish banking sector, which stood at 5.6% as of year-end 2018 (latest available data). At the same time, we estimate that the bank's NPL coverage ratio increased to 77% as of September 2019 from 68% as of year-end 2018.

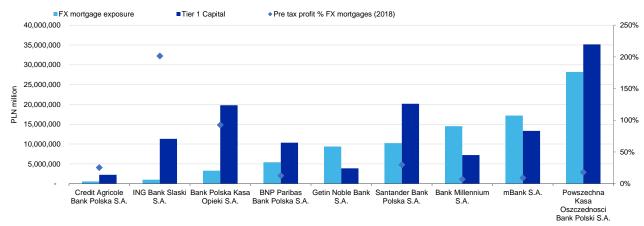
One of the primary risk factors for SBP's credit profile is its exposure to foreign-currency mortgages, as CHF mortgages constituted limited 7% of the loan book as of September 2019, below the 10.4% average for the sector as of September 2019. Polish banks are exposed to elevated legal risks stemming from their exposure to foreign currency, mainly CHF mortgages. <u>On 3 October, the European</u>

16 December 2019

<u>Court of Justice (ECJ) provided a borrower-friendly judgement</u>, which appears supportive of an annulment of the initial mortgage contract exposing lenders to heightened litigation costs. Although the ECJ's judgement is subject to interpretation by the domestic courts, it risks overturning the legal dynamics with costly implications for Polish banks. However, court battles are likely to be lengthy and so risks for Polish banks are not imminent. At the same time, we expect Polish banks to be called to take collective provisions against their exposures in CHF mortgages in the year-end financial statements, which will reduce their profit.







Sources: Banks' financial statements and Moody's Investors Service

### Adequate capitalisation, supported by retained earnings

We assign a Capital score of a3, in line with the Macro-Adjusted score, reflecting our expectation that the bank's capital will remain stable over the next 12-18 months.

SBP's Tier 1 capital and total capital ratios stood at 14.3% and 16.1%, respectively, as of 30 September 2019, below the 17.6% and 15.5% reported a year earlier, mainly because of the acquisition of DB Polska's core business. The bank's minimum capital requirement for Tier 1 was 12.35% as of 1 January 2019 and included Pillar 1 requirements, a systemic risk buffer of 3%, an other systemically important bank buffer of 0.5% (which increased to 0.75% as of October 2019), a capital conservation buffer of 2.5% and a foreign-exchange risk buffer (part of the Pillar 2 requirements and applied on an individual basis) of 0.38%. However, in November 2019, the Polish Supervisory Authority (KNF) stated that the bank is no longer obliged to maintain its FC mortgage risk buffer because its exposure dropped below 7% of total gross loans.

The KNF only allows the bank to pay out in dividend a modest 25% of its 2018 earnings. However, the bank is considering paying dividends from its 2016 and 2017 retained earnings as well, in the amount of PLN1.47 billion or 5.6% of the bank's total equity as of 30 September 2019.

### Profitability is strong, although it is facing challenges

The assigned baa3 Profitability score, one notch below the Macro-Adjusted score, reflects: (1) our expectation of broadly stable profitability levels owing to growing revenue across the bank's larger franchise and benefits from operating cost reduction efforts, despite headwinds from higher regulatory costs; and (2) a one-notch negative adjustment to reflect the risks that the FC mortgage portfolio poses to the bank's profitability.

In the first nine months of 2019, SBP's net income reached PLN1.82 billion, equivalent to a strong net income/tangible assets (Moody'sadjusted return on assets) of 1.23%. This ratio is, however, lower than the 1.39% reported a year earlier, as a result of the integration of the less profitable core operations of DB Polska.

SBP's net interest margin slightly deteriorated to 3.2% as of Sept 2019 from 3.5% a year earlier (although still high), and its preprovision income/average total assets fell to 2.2% from 2.5% as of September 2019. The bank's cost of risk remained broadly stable at 0.9%.

16 December 2019

Since February 2016, Polish banks are required to pay an annual bank tax equal to 0.44% of their adjusted assets. As a result, SBP recognised regulatory fees of PLN285 million cost in the first nine months of 2019.

We expect the bank to improve its earnings over the coming years through the generation of synergies, which the bank expects to amount to PLN411 million in the period 2019-2021. This will help improve efficiency levels, which at the moment stand at 52%, as measured by the cost-to-income ratio (51% a year earlier).

# Deposit-funded profile, but some dependence on medium-term wholesale foreign-currency funding because of the foreign-currency mortgage portfolio

We assign a baa2 score for Funding Structure, two notches lower than the unadjusted score to reflect our expectation that the share of market funding will gradually increase given the fast loan growth and the medium-term need for new debt issuances driven by the minimum requirement for own funds and eligible liabilities (MREL), which have yet to be formally established by the resolution authorities.

At present, SBP is predominantly deposit funded, with deposits from retail customers accounting for 60% of the total deposits as of September 2019. The bank's loan-to-deposit ratio increased to 96.0% as of the same date from 95.5% a year earlier. SBP has a currency funding gap because of the CHF mortgage portfolio, most of which is covered through medium-term swaps. In our view, this exposes the bank to the volatile nature of the derivatives market at times of increased market volatility.

Given the recent improvement in SBP's liquid assets, we do not expect any significant reduction beyond the assigned baa2 score, in line with the Macro-Adjusted score. SBP's stock of liquid banking assets is at an adequate level, accounting for 29.6% of its total banking assets as of 30 September 2019.

## Environment, social and governance considerations

In line with our general view on the banking sector, SBP has a low exposure to environmental risks. See our <u>environmental risk heat</u> map for further information.

Overall, we expect banks to face moderate social risks, which in particular applies to SBP. See our <u>Social risk heat map</u> for further information. For Polish banks, we have identified rising legal risks related to foreign-currency mortgages as a key social risk. At this stage, there is high uncertainty surrounding how the borrower-friendly judgement of the ECJ will affect Polish banks. However, the sector is exposed to the risk of significant potential losses, as well as reputational damage, because of the growing number of law suits the banks face from their customers who claim their contracts contained abusive terms. For SBP, the Swiss franc mortgage portfolio has been gradually amortising. This exposure represented 7% of its gross loan book as of September 2019, below the 10.4% average for the banking sector. For more information, please refer to the asset quality subsection.

Governance is highly relevant for SBP, as it is to all competitors in the banking industry. Corporate governance weaknesses can lead to a deterioration in a bank's credit quality, while governance strengths can benefit its credit profile. Governance risks are largely internal rather than externally driven. For SBP, we do not have any particular governance concern. Nonetheless, corporate governance remains a key credit consideration and requires ongoing monitoring.

## Support and structural considerations

### Affiliate support

We assess a moderate probability of parental support for SBP from its parent Banco Santander, given its 67.5% ownership stake in SBP and Banco Santander's commitment to its Polish business. This assessment results in one notch of uplift from the baa2 BCA of SBP to an Adjusted BCA of baa1.

### Loss Given Failure (LGF) analysis

Santander Polska is subject to the EU Bank Recovery and Resolution Directive, which we consider to be an Operational Resolution Regime. We assume residual tangible common equity of 3% and post-failure losses of 8% of tangible banking assets, a 25% runoff in "junior" wholesale deposits, a 5% runoff in preferred deposits and a 26% proportion of junior deposits (EU average), and assign a 25% probability to deposits being preferred to senior unsecured debt. These are in line with our standard assumptions.

16 December 2019

Santander Bank Polska S.A.: Update to credit analysis

This results in a Preliminary Rating (PR) Assessment of a2 for the deposit ratings, two notches above the Adjusted BCA, reflecting a very low loss given failure.

The PR Assessment for the senior unsecured debt rating is a3, which reflects a low loss given failure.

### **Government support considerations**

We incorporate a moderate likelihood of government support for Santander Polska's deposits and senior unsecured debt in the event of its failure, given the bank's increased importance to the Polish banking system. However, this does not provide any rating uplift.

### Counterparty Risk Ratings (CRRs)

CRRs are opinions of the ability of entities to honour the uncollateralised portion of non-debt counterparty financial liabilities (CRR liabilities) and also reflect the expected financial losses in the event such liabilities are not honoured. CRR liabilities typically relate to transactions with unrelated parties. CRRs are distinct from ratings assigned to senior unsecured debt instruments and from issuer ratings because they reflect that, in a resolution, CRR liabilities might benefit from preferential treatment compared with senior unsecured debt. Examples of CRR liabilities include the uncollateralised portion of payables arising from derivatives transactions and the uncollateralised portion of liabilities under sale and repurchase agreements.

### Santander Bank Polska's CRRs are positioned at A1/P-1

The bank's CRRs are positioned three notches above the Adjusted BCA of baa1, reflecting extremely low loss given failure from a high volume of subordinated instruments.

## Counterparty Risk (CR) Assessment

CR Assessments are opinions of how counterparty obligations are likely to be treated if a bank fails and are distinct from debt and deposit ratings in that they (1) consider only the risk of default rather than both the likelihood of default and the expected financial loss suffered in the event of default, and (2) apply to counterparty obligations and contractual commitments rather than debt or deposit instruments. The CR Assessment is an opinion of the counterparty risk related to a bank's covered bonds, contractual performance obligations (servicing), derivatives (for example, swaps), letters of credit, guarantees and liquidity facilities.

### Santander Bank Polska's CR Assessment is positioned at A1(cr)/P-1(cr)

The CR Assessment of Santander Polska is positioned at A1(cr), three notches above the Adjusted BCA of baa1, based on the buffer against default provided to the senior obligations. In addition, the low probability of government support does not result in any uplift.

## Methodology and scorecard

## About Moody's Bank Scorecard

Our scorecard is designed to capture, express and explain in summary form our Rating Committee's judgement. When read in conjunction with our research, a fulsome presentation of our judgement is expressed. As a result, the output of our scorecard may materially differ from that suggested by raw data alone (though it has been calibrated to avoid the frequent need for strong divergence). The scorecard output and the individual scores are discussed in rating committees and may be adjusted up or down to reflect conditions specific to each rated entity.

6 16 December 2019

Santander Bank Polska S.A.: Update to credit analysis

# Rating methodology and scorecard factors

### Exhibit 4

Santander Bank Polska S.A.

Macro Factors						
Weighted Macro Profile Strong	- 100%					
Factor	Historic	Initial	Expected	Assigned Score	Key driver #1	Key driver #2
	Ratio	Score	Trend			
Solvency						
Asset Risk						
Problem Loans / Gross Loans	5.4%	ba1	$\leftrightarrow \rightarrow$	ba1	Expected trend	
Capital						
Tangible Common Equity / Risk Weighted Assets	13.6%	a3	$\leftrightarrow \rightarrow$	a3	Expected trend	
(Basel III - transitional phase-in)						
Profitability						
Net Income / Tangible Assets	1.2%	baa2	$\downarrow$	baa3	Expected trend	
Combined Solvency Score		baa2		baa2		
Liquidity						
Funding Structure						
Market Funds / Tangible Banking Assets	11.7%	a3	↑	baa2	Extent of market	
6 6					funding reliance	
Liquid Resources						
Liquid Banking Assets / Tangible Banking Assets	29.6%	baa2	$\leftarrow \rightarrow$	baa2	Expected trend	
Combined Liquidity Score		baa1		baa2		
Financial Profile				baa2		
Qualitative Adjustments				Adjustment		
Business Diversification				0		
Opacity and Complexity				0		
Corporate Behavior				0		
Total Qualitative Adjustments				0		
Sovereign or Affiliate constraint				A2		
BCA Scorecard-indicated Outcome - Range				baa1 - baa3		
Assigned BCA				baa2		
Affiliate Support notching				1		
Adjusted BCA				baa1		
Balance Sheet			scope Million)	% in-scope	at-failure	% at-failure
Other liabilities			Million)	18.3%	(PLN Million)	26.0%
		36	6,893	10.3%	52,362	20.0%

butunee sheet	in scope	70 m Scope	at future	/out fuiture	
	(PLN Million)		(PLN Million)		
Other liabilities	36,893	18.3%	52,362	26.0%	
Deposits	151,659	75.2%	136,189	67.5%	
Preferred deposits	112,227	55.7%	106,616	52.9%	
lunior deposits	39,431	19.6%	29,573	14.7%	
Senior unsecured bank debt	4,365	2.2%	4,365	2.2%	
Dated subordinated bank debt	2,661	1.3%	2,661	1.3%	
Equity	6,049	3.0%	6,049	3.0%	
Total Tangible Banking Assets	201,626	100.0%	201,626	100.0%	

16 December 2019

7

Santander Bank Polska S.A.: Update to credit analysis

Debt Class	De Jure v	vaterfall	De Facto v	waterfall	Not	ching	LGF	Assigned	Additiona	l Preliminary
	Instrument volume + subordinatic	ordinatio	Instrument on volume + o subordinatio	ordination	De Jure	De Facto	Notching Guidance vs. Adjusted BCA	LGF notching	Notching	Rating Assessment
Counterparty Risk Rating	21.2%	21.2%	21.2%	21.2%	3	3	3	3	0	al
Counterparty Risk Assessment	21.2%	21.2%	21.2%	21.2%	3	3	3	3	0	a1 (cr)
Deposits	21.2%	4.3%	21.2%	6.5%	2	2	2	2	0	a2
Senior unsecured bank debt	21.2%	4.3%	6.5%	4.3%	2	-1	1	1	0	a3

Instrument Class	Loss Given	Additional	Preliminary Rating	Government	Local Currency	Foreign
	Failure notching	notching	Assessment	Support notching	Rating	Currency Rating
Counterparty Risk Rating	3	0	a1	0	A1	A1
Counterparty Risk Assessment	3	0	a1 (cr)	0	A1(cr)	
Deposits	2	0	a2	0	A2	A2
Senior unsecured bank debt	1	0	a3	0	(P)A3	A3

[1]Where dashes are shown for a particular factor (or sub-factor), the score is based on non-public information.

Source: Moody's Investors Service

## Ratings

### Exhibit 5

Category	Moody's Rating
SANTANDER BANK POLSKA S.A.	
Outlook	Stable
Counterparty Risk Rating	A1/P-1
Bank Deposits	A2/P-1
Baseline Credit Assessment	baa2
Adjusted Baseline Credit Assessment	baa1
Counterparty Risk Assessment	A1(cr)/P-1(cr)
Senior Unsecured	A3
Source, Moodu's Investors Convise	

Source: Moody's Investors Service

## Endnotes

1 The bank ratings shown in this report are the bank's deposit rating and Baseline Credit Assessment

8 16 December 2019

Santander Bank Polska S.A.: Update to credit analysis

© 2019 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved. CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. AND ITS RATINGS AFFILIATES ("MIS") ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MOODY'S PUBLICATIONS MAY INCLUDE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS AND MOODY'S OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S ANALYTICS, INC. CREDIT RATINGS AND MOODY'S PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS AND MOODY'S PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS OR MOODY'S PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER. ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing the Moody's publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING OR OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any rating, agreed to pay to Moody's Investors Service, Inc. for ratings opinions and services rendered by it fees ranging from \$1,000 to approximately \$2,700,000. MCO and MIS also maintain policies and procedures to address the independence of MIS's ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any rating, agreed to pay to MJKK or MSFJ (as applicable) for ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY250,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

REPORT NUMBER 1201266

9 16 December 2019

Santander Bank Polska S.A.: Update to credit analysis

### **CLIENT SERVICES**

Americas	1-212-553-1653
Asia Pacific	852-3551-3077
Japan	81-3-5408-4100
EMEA	44-20-7772-5454

# MOODY'S INVESTORS SERVICE

10 16 December 2019

Santander Bank Polska S.A.: Update to credit analysis