

## Santander UK Group Holdings plc

#### **Key Rating Drivers**

Conservative Risk Profile, Less Diversified Business: Santander UK Group Holdings plc (SGH) and Santander UK plc's (San UK) Viability Ratings (VRs) are based on SGH's consolidated financial profile and reflect the group's conservative risk appetite, low impaired loan ratio, strong capitalisation, and stable funding and liquidity profiles. They also reflect a less-diversified business model than peers, which weighs on the group's earnings.

Weaker Economic Outlook: Fitch Ratings expects UK banks' performance to weaken in 2023, given the recession, materially higher interest rates, high inflation and a rise in unemployment, and for credit losses to rise from low levels. Net interest income growth will slow, in Fitch's view, as materially higher funding costs weigh on net interest margins. Loan growth is likely to slow as higher interest rates dampen demand for mortgage loans and borrower confidence remains weak due to affordability pressures and market uncertainty.

Asset-Quality Deterioration Expected: SGH's asset quality is underpinned by its large mortgage portfolio, and its impaired loans ratio was a low 1.2% at end-9M22. However, we expect the impaired loans ratio to deteriorate toward - but to not exceed - 2% into 2024 given the expected recession, materially higher interest rates and borrower affordability pressures. Impairment charges are likely to rise with the weaker economic outlook but will remain manageable given the largely secured loan book.

Earnings Uplift to Moderate: SGH's operating profit/risk-weighted assets (RWAs; 2.8% in 9M22) ratio has benefitted from rising interest rates, particularly given its large proportion of low-cost current account deposits. We expect the uplift from base rate rises to diminish as deposit costs increase with competition, particularly as banks replace central bank funding. We expect cost efficiency to improve from 2023, given SGH's large cost-reduction programme.

Strong Capitalisation: SGH's common equity Tier 1 (CET1) ratio fell to 15.5% at end-9M22 from 15.9% at end-2021 due to higher RWAs as a result of lending growth and regulatory changes. Capital is managed to about a 5% UK leverage ratio (end-9M22 actual: 5.3%), given the low RWAs density of the loan book. We expect excess capital above management buffers to be repatriated to SGH's parent, Banco Santander, S.A. (Santander; A-/Stable), via dividends.

Stable Funding and Liquidity: SGH is largely deposit-funded, with a loans/deposit ratio of 115% at end-9M22, and its funding costs benefit from its retail and SME current account deposits (about half of customer deposits). Funding stability is supported by proven access to wholesalefunding markets, ordinary support from Santander and access to the Bank of England's liquidity schemes, if needed.

The Short-Term Issuer Default Ratings (IDRs) of 'F1' for SGH and its rated subsidiaries are the lower of two options mapping to the Long-Term IDRs, as our assessment of the group's funding and liquidity profile does not warrant a higher Short-Term IDR.

Standalone Strength Drives Ratings: SGH's Long-Term IDR is driven by the group's standalone creditworthiness - as expressed by its VR.

San UK IDR Uplift: San UK's Long-Term IDR is one notch above the VR because SGH's singlepoint-of-entry UK resolution plan envisages San UK's third-party senior creditors being protected in a bank failure by sufficient qualifying junior debt (QJD) and equity raised by SGH. Fitch calculates a QJD buffer equivalent to 20.5% of RWAs at end-9M22, excluding instruments ineligible for the minimum requirement for eligible liabilities.

#### **Ratings**

Foreign Currency	
Long-Term IDR	Α
Short-Term IDR	F1
Viability Rating	а
Shareholder Support Rating	hhh+

#### Sovereign Risk (United Kingdom)

Long-Term Foreign-Currency IDR	AA-
Long-Term Local-Currency IDR	AA-
Country Ceiling	AAA

Outlooks	
Long-Term Foreign-Currency IDR	Stable
Sovereign Long-Term Foreign- Currency IDR	Negative
Sovereign Long-Term Local- Currency IDR	Negative

#### **Applicable Criteria**

Bank Rating Criteria (September 2022)

#### Related Research

Fitch Affirms Santander UK Group Holdings at 'A'; Outlook Stable (December 2022)

Western European Banks Outlook 2023 (December 2022)

Fitch Affirms United Kingdom at 'AA-'; Outlook Negative (December 2022)

Major UK Banks - Peer Review 2022 (October 2022)

#### Analysts

Michael Bojko, CFA +44 20 3530 2723 michael.bojko@fitchratings.com

Huseyin Sevinc huseyin.sevinc@fitchratings.com



#### **Rating Sensitivities**

#### Factors that Could, Individually or Collectively, Lead to Negative Rating Action/Downgrade

The ratings are primarily sensitive to changes in the VR, which could be downgraded if the deterioration in the UK operating environment is materially worse than we currently expect. SGH would retain some rating headroom in a scenario where the UK banks' operating environment score was downgraded to 'a+' from 'aa-', but we would downgrade its VR if we expected the impaired loans ratio to increase above 3% without a clear path to reduction, and if its CET1 ratio fell below 13%–14% on a sustained basis.

#### Factors that Could, Individually or Collectively, Lead to Positive Rating Action/Upgrade

An upgrade of the VR is unlikely given the weaker macroeconomic outlook in the UK and the negative outlooks on the operating environment score and the UK sovereign. Over the longer term, positive rating potential would require SGH's business model to become significantly more diversified and comparable with those of higher-rated UK peers, which resulted in stronger and more sustainable earnings while capital ratios remained solid.

#### Other Debt and Issuer Ratings

Rating level	SGH	San UK	Santander Financial Services plo
Long-Term IDR	А	A+	A+
Short-Term IDR	F1	F1	F1
Viability Rating	а	а	
Shareholder Support Rating	bbb+	bbb+	a
Derivative Counterparty Rating		A+(dcr)	
Long- and short-term senior unsecured debt and programmes	A/F1	A+/F1	
Tier 2 subordinated debt	BBB+	BBB+	
Legacy upper Tier 2		BBB	
Non-innovative Tier 1 notes		BBB-	
Additional Tier 1 debt	BBB-		

#### Senior Unsecured Debt

The senior unsecured debt instruments of all entities are rated in line with their Long-Term IDRs.

#### Derivative Counterparty Ratings (DCR)

San UK's DCR is at the same level as the bank's Long-Term IDR because derivative counterparties have no preferential status over other senior obligations in a resolution under UK legislation.

#### **Subordinated Debt and Hybrid Securities**

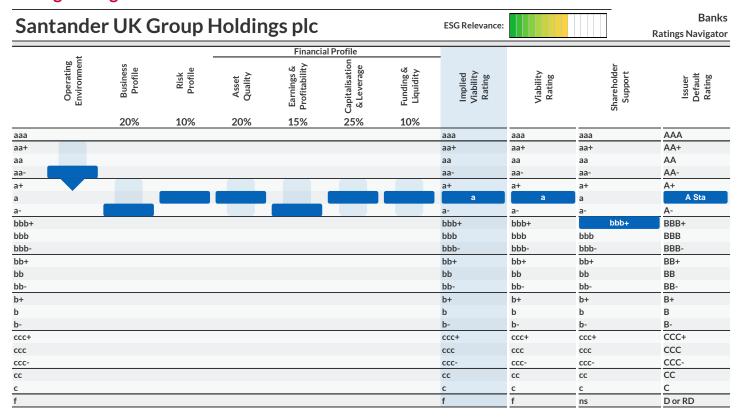
The ratings of all subordinated debt and hybrid securities issued by SGH and San UK are notched down from their VRs, reflecting our expectation of poor recovery prospects.

SGH's additional Tier 1 capital securities are rated four notches below the group's VR to reflect loss severity risk (two notches) and higher risk of non-performance as coupon payments are fully discretionary (two notches). Dated lower Tier 2 legacy instruments are notched down twice from the VR for poor recovery prospects.

Legacy Tier 1 securities issued by San UK are rated four notches below the bank's VR to reflect loss severity risk (two notches) and higher risk of non-performance due to discretionary coupon payments (two notches). Legacy upper Tier 2 securities are rated three notches below San UK's VR (two for loss severity and one for non-performance). Legacy dated Lower Tier 2 instruments are notched down twice from the VR for loss severity.



#### **Ratings Navigator**



The Key Rating Driver (KRD) weightings used to determine the implied VR are shown as percentages at the top. In cases where the implied VR is adjusted upwards or downwards to arrive at the VR, the KRD associated with the adjustment reason is highlighted in red. The shaded areas indicate the benchmark-implied scores for each KRD.

#### **VR** - Adjustments to Key Rating Drivers

The operating environment score of 'aa-' is at the lower end of the range because it is constrained by the UK sovereign rating of 'AA-'/Negative (negative).

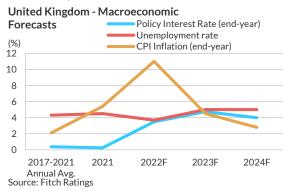


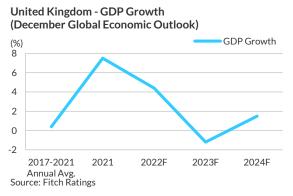
#### **Company Summary and Key Qualitative Factors**

#### **Operating Environment**

Fitch expects the UK to face a sizeable recession and cut the UK's 2023 GDP growth forecast to negative 1.2% in the December 2022 Global Economic Outlook, compared to the negative 0.2% forecast in September 2022. This reflects significant policy tightening and stubbornly high inflation weighing on household spending and business investment. The negative outlooks on the UK banks' operating environment score mirrors the Outlook on the UK sovereign rating (AA-/Negative) and we expect the sovereign rating to continue to act as a cap on our operating environment score.

Rising interest rates have provided an uplift to major UK banks' earnings through material widening of net interest margins (NIM) due to their leading low-cost, current account franchises, which have kept pass-through rates low so far. However, Fitch expects an increase in the pass-through rate to customer deposits in 2023, with higher funding costs resulting in a lower uplift to the NIM into the medium term. Furthermore, weaker economic growth and affordability pressures for consumers will likely lead to asset quality deterioration, although impairment charges should remain manageable given a high share of secured loan portfolios (largely mortgage loans) and sound underwriting standards.

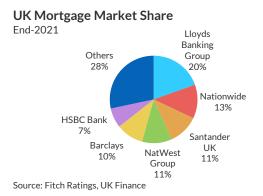


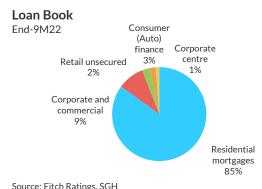


#### **Business Profile**

SGH consolidates the UK subsidiaries of international banking group Santander and is the fifth-largest UK retail and commercial bank. It has a strong franchise in retail mortgages (as the third-largest mortgage lender in the UK, with 11% of balances outstanding at end-2021) and in current accounts, where it offers products which, in some cases, have been developed and tested in Santander's other countries. SGH's commercial banking franchise is more modest despite growth efforts.

SGH increasingly leverages Santander's global capabilities and expects to benefit from synergies, such as mobile app development, through Santander's One Europe strategy, which involves collaboration between SGH and the group's other European banks including in Poland, and Spain. However, the segments in which SGH competes in the UK – domestic mortgages and current accounts – are highly competitive. The intermediary-driven nature of the UK mortgage market means that even large lenders have limited pricing power. In the UK retail banking market, several traditional and digital challenger banks are targeting growth in current accounts, savings accounts, fee-generative products (such as currency exchange) and wealth management.







#### **Risk Profile**

SGH's risk profile has been stable and conservative, with credit exposures largely comprised of low-risk mortgage lending with a lower appetite for consumer lending and buy-to-let mortgages. Risk controls are strong and benefit from the oversight and expertise of the Santander Group. Loan growth of 2.5% in 9M22 is broadly comparable to UK peers. SGH also remains selective in growing its SME exposures, with a focus on the depth of the client relationship rather than simply growing market share. Market risk mainly relates to interest rate risk and is managed well.

Non-financial risk is not differentiated from other UK banks. In December 2022 the Financial Conduct Authority fined SGH GBP108 million for failures in anti-money-laundering (AML) controls in its Business Banking (SME) division between 2012 and 2017. Since then, the group has made significant investments to improve its AML and risk controls, and in our view the risk of further significant failures has reduced.



#### **Financial Profile**

#### **Asset Quality**

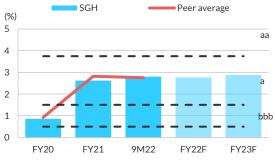
Impaired loans decreased to about 1.2% of gross loans at end-9M22 (end-2021: 1.4%), due mainly to corporate loans moving to Stage 2 from Stage 3. While we expect the ratio to increase over the next two years, we expect the four-year average to remain below 2%. The low coverage of impaired loans with loan loss allowances (end-9M22: 36%) reflects the collateralised and low-risk nature of SGH's loan book, which has a high proportion of residential mortgage loans.

The loan book consists mainly of retail loans, with mortgages representing 85% of customer loans at end-9M22. Retail unsecured loans represented 2% of customer loans and consisted of credit cards and current account overdrafts. Consumer finance, mainly secured auto loans, represented 3%, and the residual value risk of personal contract purchase (PCP) lending in this portfolio has benefitted from strong used car prices in recent years. Corporate and commercial lending made up 9% of loans and consists mainly of loans to trading companies, social housing projects, and commercial real estate, which we expect to come under pressure in the tougher operating environment and with higher interest rates. Business loans included government backed lending (about 1% of total loans) mainly to SMEs under the Bounce Back Loan Scheme, which mitigates risks.

#### **Impaired Loans/Gross Loans**



#### Operating Profit/Risk-Weighted Assets



Source: Fitch Ratings, Fitch Solutions

#### **Earnings and Profitability**

Net interest income (NII) increased 11% in 9M22 due to the positive impact of base rate increases (NIM +13bp) as well as loan growth. While we expect lower mortgage growth in 4Q22–2023 due to the sharp increase in mortgage rates, SGH's volumes from target customers may be slightly less affected given the group's focus on those moving home and re-mortgagers, rather than first-time buyers.

Non-interest income has decreased in recent years and is not material, with NII representing 89% of gross revenues in 9M22, up from around 80% several years ago before the Corporate & Investment Banking business was transferred to the parent.

Operating costs included higher fraud charges of GBP106 million in 9M22 or double the amount in 9M21. However, spending on the transformation programme decreased about GBP100 million year-on-year. The Fitch-calculated cost/income ratio improved to 53% in 9M22 (2021: 65%) due to stronger earnings from higher rates and loan growth, as well as efficiency savings and lower spending on the transformation programme. While the cost/income ratio may increase in 2023 if loan growth is particularly affected by the economic environment, we still expect cost efficiency to improve over the medium term, in line with the group's strategy and targets.

Loan impairment charges (LICs) increased significantly in 3Q22, with a quarterly charge of GBP138 million bringing the 9M22 charge to GBP256 million (16bp of average loans, annualised). The large LICs in 3Q22 reflected the deterioration in the economic outlook, though no material increase in arrears was observed.

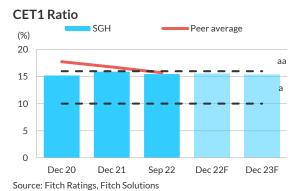
One-off items in 9M22 were more limited than in the past and included GBP7 million of gains realised on the sale of buildings. In 2021 there was a much larger GBP71 million gain, related mainly to the sale of SGH's London head office in preparation for its relocation to Milton Keynes. PPI has been resolved and provided for, and the risk of further costs has diminished. In 1H22 SGH made a GBP25 million provision for refunding charges paid by certain cohorts of mortgage borrowers.



#### Capital and Leverage

The 15.5% CET1 ratio at end-9M22 remains strong and reflects the low RWA density from SGH's largely low-risk mortgage book. Leverage is SGH's binding regulatory constraint, with GBP5.2 billion of headroom above the 3.25% minimum leverage ratio – this is less than the headroom above the 13.2% total capital requirement (GBP5.4 billion) and above the 7.4% minimum CET1 ratio (GBP5.7 billion). Capital is therefore managed to a UK leverage ratio of about 5% (end-9M22 actual figure: 5.3%).

Regulatory changes related to definitions of default and the treatment of software assets resulted in a GBP0.8 billion increase in SGH's RWAs in 9M22. New hybrid IRB models for calculating credit risk RWAs are being adopted by UK banks, and we expect them to be implemented by SGH, though the timing depends on regulatory approval. However, we do not expect the change in models to affect our assessment. Our capitalisation assessment also considers the potential for ordinary support from Santander, which can raise capital from its large pool of investors and downstream it to SGH.



# Gross Loans/Customer Deposits (%) 140 120 100 80 60 40 20

Sep 22

Dec 22F

Dec 23F

Source: Fitch Ratings, Fitch Solutions

Dec 21

Dec 20

0

#### **Funding and Liquidity**

SGH's funding profile is a relative ratings strength in our VR assessment and is supported by a solid and granular retail deposit base, proven access to wholesale funding markets, and robust contingency funding plans. Similar to Santander's banks in other international markets, SGH is expected by its owner to be self-sufficient in terms of funding, and it has a well-developed debt issuance offering, with a range of capital and funding programmes, including RMBS, covered bonds, unsecured senior and subordinated debt, and structured notes. The group accesses short-term funding through San UK's certificate of deposit and commercial paper programmes and wholesale deposits. In addition to its own funding capabilities, SGH also periodically benefits from ordinary parental support as Banco Santander occasionally purchases SGH's debt issuance.

Liquidity is prudently managed and supported by a large pool of high-quality liquid assets (GBP51 billion; 17% of end-9M22 total assets), resulting in a healthy consolidated liquidity coverage ratio of 168% (San UK: 166%; domestic liquidity subgroup, which includes Santander Financial Services plc (SFS): 161%). SGH also has access to the Bank of England's liquidity facilities, if required.

#### **Additional Notes on Charts**

The forecasts in the charts in this section reflect Fitch's forward view on the bank's core financial metrics per Fitch's Bank Rating Criteria. They are based on a combination of Fitch's macro-economic forecasts, outlook at the sector level and company-specific considerations. As a result, Fitch's forecasts may materially differ from the guidance provided by the rated entity to the market

To the extent Fitch is aware of material non-public information with respect to future events, such as planned recapitalisations or merger and acquisition activity, Fitch will not reflect these non-public future events in its published forecasts. However, where relevant, such information is considered by Fitch as part of the rating process.

Black dashed lines represent indicative quantitative ranges and implied scores for Fitch's core financial metrics for banks operating in the environments that Fitch scores in the 'aa' category. Light-blue columns represent Fitch's forecasts.

Peer average includes Nationwide Building Society (VR: a), Lloyds Banking Group plc (a), NatWest Group plc (a), Virgin Money UK PLC (bbb+), HSBC UK Bank plc (a), Barclays plc (a), Credit Agricole (a+), Banco Santander, S.A. (a-), ING Groep N.V. (a+). Financial year end of Nationwide Building Society is 4 April. Financial year end of Virgin Money UK PLC is 30 September. Latest average uses 1H22 data for Nationwide Building Society, HSBC UK Bank plc; FY22 data for Virgin Money UK PLC.



### **Financials**

#### **Financial Statements**

	30 Sep	22	31 Dec 21	31 Dec 20	31 Dec 19	31 Dec 18	
	9 months -	9 months -					
	3rd quarter	3rd quarter	Year end	Year end	Year end	Year end	
	(USDm)	(GBPm)	(GBPm)	(GBPm)	(GBPm)	(GBPm	
	Unaudited	Unaudited	Audited - unqualified	Audited - unqualified	Audited - unqualified	Audited unqualified	
Summary income statement	•	•		•			
Net interest and dividend income	3,644	3,293	3,997	3,437	3,295	3,606	
Net fees and commissions	n.a.	n.a.	280	383	689	749	
Other operating income	467	422	194	138	186	188	
Total operating income	4,111	3,715	4,471	3,958	4,170	4,543	
Operating costs	2,172	1,963	2,919	2,685	2,780	2,577	
Pre-impairment operating profit	1,939	1,752	1,552	1,273	1,390	1,966	
Loan and other impairment charges	283	256	-233	645	220	153	
Operating profit	1,655	1,496	1,785	628	1,170	1,813	
Other non-operating items (net)	-8	-7	105	-76	-189	-246	
Tax	394	356	485	114	272	446	
Net income	1,254	1,133	1,405	438	709	1,121	
Other comprehensive income	n.a.	n.a.	465	-252	-336	399	
Fitch comprehensive income	1,254	1,133	1,870	186	373	1,520	
Summary balance sheet			<u> </u>	·			
Assets							
Gross loans	243,673	220,200	214,910	214,148	208,344	202,439	
- Of which impaired	n.a.	n.a.	2,940	2,896	2,289	2,491	
Loan loss allowances	n.a.	n.a.	853	1,357	846	820	
Net loans	243,673	220,200	214,057	212,791	207,498	201,619	
Interbank	n.a.	n.a.	1,420	2,004	2,583	3,515	
Derivatives	n.a.	n.a.	1,720	3,451	3,363	5,321	
Other securities and earning assets	n.a.	n.a.	19,385	30,105	41,529	47,882	
Total earning assets	243,673	220,200	236,582	248,351	254,973	258,337	
Cash and due from banks	n.a.	n.a.	50,494	43,537	26,395	24,180	
Other assets	82,995	75,000	6,600	7,176	7,120	6,864	
Total assets	326,668	295,200	293,676	299,064	288,488	289,381	
Liabilities			<u> </u>				
Customer deposits	211,028	190,700	192,914	193,088	179,006	173,692	
Interbank and other short-term funding	n.a.	n.a.	50,671	42,503	38,465	33,975	
Other long-term funding	76,909	69,500	28,373	40,209	47,535	56,032	
Trading liabilities and derivatives	n.a.	n.a.	1,822	3,354	3,422	5,770	
Total funding and derivatives	287,937	260,200	273,780	279,154	268,428	269,469	
Other liabilities	21,357	19,300	3,174	3,321	3,375	3,348	
Preference shares and hybrid capital	n.a.	n.a.	2,535	2,820	2,820	2,634	
Total equity	17,374	15,700	14,187	13,769	13,865	13,930	
Total liabilities and equity	326,668	295,200	293,676	299,064	288,488	289,381	
Exchange rate		USD1 = GBP0.90367	USD1 = GBP0.74438	USD1 = GBP0.745156	USD1 = GBP0.76211	USD1 = GBP0.78768	

 $Source: Fitch\ Ratings, Fitch\ Solutions, Santander\ UK\ Group\ Holdings\ plc$ 



#### **Key Ratios**

	30 Sep 22	31 Dec 21	31 Dec 20	31 Dec 19	31 Dec 18
Ratios (annualised as appropriate)					
Profitability		<u> </u>			
Operating profit/risk-weighted assets	2.8	2.6	0.9	1.6	2.3
Net interest income/average earning assets	2.0	1.8	1.5	1.4	1.5
Non-interest expense/gross revenue	52.8	65.3	67.8	66.7	56.7
Net income/average equity	9.7	9.0	2.9	4.8	7.5
Asset quality					
Impaired loans ratio	n.a.	1.4	1.4	1.1	1.2
Growth in gross loans	2.5	0.4	2.8	2.9	1.0
Loan loss allowances/impaired loans	n.a.	29.0	46.9	37.0	32.9
Loan impairment charges/average gross loans	0.2	-0.1	0.3	0.1	0.1
Capitalisation		<u> </u>	<u> </u>	<u> </u>	
Common equity Tier 1 ratio	15.5	15.9	15.2	14.3	13.2
Fully loaded common equity Tier 1 ratio	15.4	15.9	n.a.	n.a.	n.a
Tangible common equity/tangible assets	5.3	4.3	4.1	4.2	4.2
Basel leverage ratio	4.4	4.3	4.3	4.3	4.1
Net impaired loans/common equity Tier 1	n.a.	19.2	13.9	13.8	16.1
Funding and liquidity					
Gross loans/customer deposits	115.5	111.4	110.9	116.4	116.6
Liquidity coverage ratio	167.8	166.0	150.0	142.0	164.0
Customer deposits/total non-equity funding	73.3	70.1	69.0	66.4	64.2
Net stable funding ratio	132.2	n.a.	n.a.	n.a.	n.a



#### **Support Assessment**

Shareholder Support	
Parent IDR	A-
Total Adjustments (notches)	-1
Shareholder Support Rating	bbb+
Shareholder ability to support	
Shareholder Rating	A-/ Stable
Shareholder regulation	1 Notch
Relative size	1 Notch
Country risks	Equalised
Shareholder propensity to support	
Shareholder propensity to support	
Role in group	1 Notch
	1 Notch Equalised
Role in group	
Role in group Reputational risk	Equalised
Role in group  Reputational risk  Integration	Equalised 1 Notch

The 'bbb+' Shareholder Support Ratings (SSR) of SGH and San UK are one notch below Santander's Long-Term IDR because we view Santander's ability to provide support as constrained by the UK entities' large relative size as well as by possible regulatory restrictions. In our view, Santander has a strong propensity to support both entities, given the strategic importance of the UK as well as the high reputation risk Santander would face in the case of a default by its UK entities.

SFS's 'a' SSR is in line with SGH's IDR and reflects SGH's strong propensity to support SFS, given SFS's role in the group, and a strong ability to provide support, given SFS's small size.



#### **Subsidiaries and Affiliates**

#### **SFS**

Fitch does not assign a VR to SFS as its business model and strong reliance on SGH prevent a meaningful standalone analysis of the entity. SFS's IDRs are based on support from SGH. SFS's 'a' SSR is in line with SGH's IDR and reflects SGH's strong propensity to support SFS, given SFS's role in the group, and a strong ability to provide support, given SFS's small size. We uplift SFS's IDR one notch above SGH's IDR because we expect that the group's QJD and equity will protect SFS's third-party senior creditors should the group fail.

SFS's ratings are primarily sensitive to changes in SGH's IDRs. They are also sensitive to a reduction in SGH's propensity to support SFS, which we do not expect.



#### **Environmental, Social and Governance Considerations**

#### Fitch Ratings Santander UK Group Holdings plc

Banks Ratings Navigator

Credit-Relevant ESG Derivation	n								Overa	all ESG Scale		
Santander UK Group Holdings plc has 5 ESG potential rating drivers  Santander UK Group Holdings plc has exposure to compliance risks including fair lending practices, mis-selling, repossession/foreclosure practices, consumer data						0	issues	5	5			
	protection (data security) but this has very low impact on the rating.  Governance is minimally relevant to the rating and is not currently a driver.				river	0 issues 4			4			
	potential driver				ial driver	5	issues	5	3			
					not a rating driver		issues	5	2			
				not a ra	ang anvoi	5	issues	5	1			
Environmental (E)												
General Issues GHG Emissions & Air Quality	E Score	Sector-Specific Issues	Reference n.a.	5	Scale	ESG sco	Read This Pag	n 1 to 5 ba	sed on a 15	level color gradation		
GRG Emissions & All Quality	'	na.	n.a.	5			s most relevant			relevant.		
Energy Management	1	n.a.	n.a.	4		break ou box show relevant	t the individua ws the aggreg across all mark	al compone pate E, S, kets with S	ents of the or G score Sector-Speci	scale. The right-hand General Issues are fic Issues unique to a		
Water & Wastewater Management	1	n.a.	n.a.	3		specific sector-sp Reference	issue. These ecific issues to e box high	scores sign the issuin lights the	res are assigned to each sector signify the credit-relevance of the ling entity's overall credit rating. The he factor(s) within which the eaptured in Fitch's credit analysis.			
Waste & Hazardous Materials Management; Ecological Impacts	1	n.a.	n.a.	2		score. The and G is:	nis score signi sues to the en	ifies the cr tity's credit	edit relevant rating. The	shows the overall ESG ace of combined E, S three columns to the		
Exposure to Environmental Impacts	2	Impact of extreme weather events on assets and/or operations and corresponding risk appetite & management; catastrophe risk; credit concentrations	Business Profile (incl. Management & governance); Risk Profile; Asset Quality	1	1		left of the overall ESG score summarize the issuing entity's sul component ESG scores. The box on the far left identifies some the main ESG issues that are drivers or potential drivers of the issuing entity's credit rating (corresponding with scores of 3, 4 or 1 and provides a brief explanation for the score.					
Social (S)  General Issues	S Score	Sector-Specific Issues	Reference		Scale					eveloped from Fitch's and Sector-Specific		
General issues	3 30016		Kelelelice	3.	Scale	Issues di	raw on the clas	ssification s	standards po	ublished by the United		
Human Rights, Community Relations, Access & Affordability	2	Services for underbanked and underserved communities: SME and community development programs; financial literacy programs	Business Profile (incl. Management & governance); Risk Profile	5		Sustaina	bility Accountin	g Standard	ds Board (S/			
Customer Welfare - Fair Messaging, Privacy & Data Security	3	Compliance risks including fair lending practices, mis-selling, repossession/foreclosure practices, consumer data protection (data security)	Operating Environment; Business Profile (incl. Management & governance); Risk Profile	4						of the navigator.		
Labor Relations & Practices	2	Impact of labor negotiations, including board/employee compensation and composition	Business Profile (incl. Management & governance)	3								
Employee Wellbeing	1	n.a.	n.a.	2								
Exposure to Social Impacts	2	Shift in social or consumer preferences as a result of an institution's social positions, or social and/or political disapproval of core banking practices	Business Profile (incl. Management & governance); Financial Profile	1								
Governance (G)							CREDIT	Γ-RELEV <i>A</i>	ANT ESG S	CALE		
General Issues	G Score	Sector-Specific Issues	Reference	G S	Scale		How releva	int are E, S overall cre		ues to the		
Management Strategy	3	Operational implementation of strategy	Business Profile (incl. Management & governance)	5		5	sig ba:	nificant imp	act on the rat ent to "higher	driver that has a ling on an individual relative importance		
Governance Structure	3	Board independence and effectiveness; ownership concentration; protection of creditor/stakeholder rights; legal /compliance risks; business continuity; key person risk; related party transactions	Business Profile (incl. Management & governance); Earnings & Profitability; Capitalisation & Leverage	4		4	an fac	impact on to ctors. Equiva	he rating in c	y rating driver but has ombination with other erate" relative r.		
Group Structure	3	Organizational structure; appropriateness relative to business model; opacity; intra-group dynamics; ownership	Business Profile (incl. Management & governance)	3		3	or	actively man pact on the	naged in a wa	either very low impact ay that results in no Equivalent to "lower" lavigator.		
Financial Transparency	3	Quality and frequency of financial reporting and auditing processes	Business Profile (incl. Management & governance)	2		2		elevant to th ctor.	e entity rating	g but relevant to the		
				1		1	Irre	elevant to th	e entity rating	g and irrelevant to the		

Unless otherwise disclosed in this section, the highest level of ESG credit relevance is a score of '3'. This means ESG issues are credit neutral or have only a minimal credit impact on the entity, either due to their nature or the way in which they are being managed by the entity. For more information on Fitch's ESG Relevance Scores, visit www.fitchratings.com/esg.



The ratings above were solicited and assigned or maintained at the request of the rated entity/issuer or a related third party. Any exceptions follow below.

#### **DISCLAIMER & DISCLOSURES**

All Fitch Ratings (Fitch) credit ratings are subject to certain limitations and disclaimers. Please read these limitations and disclaimers by following this link: <a href="https://www.fitchratings.com/understandingcreditratings">https://www.fitchratings.com/rating-definitions-document</a> details Fitch's rating definitions for each rating scale and rating categories, including definitions relating to default. Published ratings, criteria, and methodologies are available from this site at all times. Fitch's code of conduct, confidentiality, conflicts of interest, affiliate firewall, compliance, and other relevant policies and procedures are also available from the Code of Conduct section of this site. Directors and shareholders' relevant interests are available at <a href="https://www.fitchratings.com/site/regulatory">https://www.fitchratings.com/site/regulatory</a>. Fitch may have provided another permissible or ancillary service to the rated entity or its related third parties. Details of permissible or ancillary service(s) for which the lead analyst is based in an ESMA- or FCA-registered Fitch Ratings company (or branch of such a company) can be found on the entity summary page for this issuer on the Fitch Ratings website.

In issuing and maintaining its ratings and in making other reports (including forecast information), Fitch relies on factual information it receives from issuers and underwriters and from other sources Fitch believes to be credible. Fitch conducts a reasonable investigation of the factual information relied upon by it in accordance with its ratings methodology, and obtains reasonable verification of that information from independent sources, to the extent such sources are available for a given security or in a given jurisdiction. The manner of Fitch's factual investigation and the scope of the third-party verification it obtains will vary depending on the nature of the rated security and its issuer, the requirements and practices in the jurisdiction in which the rated security is offered and sold and/or the issuer is located, the availability and nature of relevant public information, access to the management of the issuer and its advisers, the availability of pre-existing third-party verifications such as audit reports, agreed-upon procedures letters, appraisals, actuarial reports, engineering reports, legal opinions and other reports provided by third parties, the availability of independent and competent third-party verification sources with respect to the particular security or in the particular jurisdiction of the issuer, and a variety of other factors. Users of Fitch's ratings and reports should understand that neither an enhanced factual investigation nor any third-party verification can ensure that all of the information Fitch relies on in connection with a rating or a report will be accurate and complete. Ultimately, the issuer and its advisers are responsible for the accuracy of the information they provide to Fitch and to the market in offering documents and other reports. In issuing its ratings and its reports, Fitch must rely on the work of experts, including independent auditors with respect to financial statements and attorneys with respect to legal and tax matters. Further, ratings and forecasts

The information in this report is provided "as is" without any representation or warranty of any kind, and Fitch does not represent or warrant that the report or any of its contents will meet any of the requirements of a recipient of the report. A Fitch rating is an opinion as to the creditworthiness of a security. This opinion and reports made by Fitch and no individual, or group of individuals, is solely responsible for a rating or a report. The rating does not address the risk of loss due to risks other than credit risk, unless such risk is specifically mentioned. Fitch is not engaged in the offer or sale of any security. All Fitch reports have shared authorship. Individuals identified in a Fitch report were involved in, but are not solely responsible for, the opinions stated therein. The individuals are named for contact purposes only. A report providing a Fitch rating is neither a prospectus nor a substitute for the information assembled, verified and presented to investors by the issuer and its agents in connection with the sale of the securities. Ratings may be changed or withdrawn at any time for any reason in the sole discretion of Fitch. Fitch does not provide investment advice of any sort. Ratings are not a recommendation to buy, sell, or hold any security. Ratings do not comment on the adequacy of market price, the suitability of any security for a particular investor, or the tax-exempt nature or taxability of payments made in respect to any security. Fitch receives fees from issuers, insurers, guarantors, other obligors, and underwriters for rating securities. Such fees generally vary from US\$1,000 to US\$750,000 (or the applicable currency equivalent) per issue. In certain cases, Fitch will rate all or a number of issues issued by a particular insurer or guarantor, for a single annual fee. Such fees are expected to vary from US\$1,000 to US\$5,500,000 (or the applicable currency equivalent). The assignment, publication, or dissemination of a rating by Fitch shall not constitute a consent by Fitch to

For Australia, New Zealand, Taiwan and South Korea only: Fitch Australia Pty Ltd holds an Australian financial services license (AFS license no. 337123) which authorizes it to provide credit ratings to wholesale clients only. Credit ratings information published by Fitch is not intended to be used by persons who are retail clients within the meaning of the Corporations Act 2001.

Fitch Ratings, Inc. is registered with the U.S. Securities and Exchange Commission as a Nationally Recognized Statistical Rating Organization (the "NRSRO"). While certain of the NRSRO's credit rating subsidiaries are listed on Item 3 of Form NRSRO and as such are authorized to issue credit ratings on behalf of the NRSRO (see https://www.fitchratings.com/site/regulatory), other credit rating subsidiaries are not listed on Form NRSRO (the "non-NRSROs") and therefore credit ratings issued by those subsidiaries are not issued on behalf of the NRSRO. However, non-NRSRO personnel may participate in determining credit ratings issued by or on behalf of the NRSRO.

Copyright © 2023 by Fitch Ratings, Inc., Fitch Ratings Ltd. and its subsidiaries. 33 Whitehall Street, NY, NY 10004. Telephone: 1-800-753-4824, (212) 908-0500. Fax: (212) 480-4435. Reproduction or retransmission in whole or in part is prohibited except by permission. All rights reserved.