HSBC Holdings plc FY18 Results Fixed Income Investor Presentation



Contents

1	Key credit messages	2
2	Group FY18 performance	4
3	Capital structure and debt issuance	15
4	Appendix	22

Key credit messages



Key credit messages

Diversified businesses, strong capital, funding and liquidity position

	As at FY18
Conservative and consistent approach to risk	18bps1.3%ECL as a % of gross customer advancesStage 3 loans as a % of gross customer advances
Diversified revenue streams, with a pivot to Asia	GB&M RBWM Asia Europe Other Adj. Revenue GPB LAM NAM Fee NII
Strong capital position	14.0% 5.5% \$12.6bn CET1 ratio Leverage ratio Profit attributable to ordinary shareholders
Strong funding and liquidity metrics	72.0% Advances / Liquidity Deposits ratio Liquidity Coverage Ratio Liquid Assets
Progress towards meeting MREL requirements	\$62bn MREL-eligible HoldCo Senior outstanding MREL-eligble HoldCo Senior issued in 2018
Single-A credit rating or above	A A2 AA- HSBC Holdings S&P rating Moody's rating Fitch rating

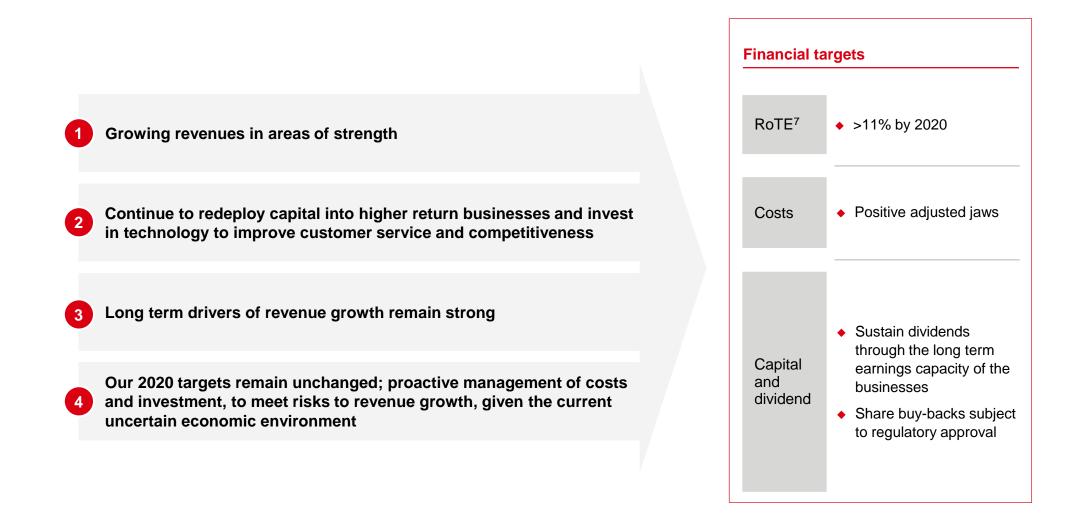
Group FY18 performance



Progress on our strategic priorities

Strategic priorities	Targeted 2020 outcomes	FY18 performance highlights, YoY
 Accelerate growth from Asia Build on strength in Hong Kong Invest in Pearl River Delta, ASEAN, and Wealth in Asia 	High single digit revenue growth per annum	Asia adjusted revenue of \$28.7bn (+11%); Wealth in Asia revenue +13% (excluding market impacts in Insurance Manufacturing)
Lead in support of global investment drivers: China-led Belt & Road Initiative and the transition to a low carbon economy	\$100bn cumulative sustainable financing ¹	\$28.5bn cumulative (+\$17.4bn in FY18); awarded Best Bank for Sustainable Finance in Asia by Euromoney
Complete set up of UK ring-fenced bank; grow mortgage market share and commercial customer base; improve customer service	-	HSBC UK Bank plc adjusted revenue of £6.4bn or \$8.6bn (+7%) ² ; Market share gains in mortgages (from 6.1% to 6.6%)
Gain market share and deliver growth from our international network	Mid to high single digit revenue growth per annum; market share gains in transaction banking	Transaction banking revenue of \$16.6bn (+14%); market share gains in GLCM, GTRF and FX ³
Turn around our US business	US RoTE >6%	US adjusted PBT of \$1.0bn (+31%) supported by favourable ECL; RoTE of 2.7% (up from $0.9\%)^4$
Improve capital efficiency; redeploy capital into higher return businesses	Increase in asset productivity	Reported revenue/RWAs: 6.2% (+30bps) improvement primarily driven by 4.5% revenue growth
Create capacity for increasing investments in growth and technology through efficiency gains	Positive adjusted jaws on an annual basis, each financial year	Negative adjusted jaws of 1.2%; impacted by negative market environment in 4Q18
Enhance customer centricity and customer service through investments in technology	Improve customer satisfaction in eight scale markets ⁵	Markets that sustained a top-three rank or improved by two ranks: RBWM had six markets ^{5a} and CMB had three markets ^{5b}
Simplify the organisation and invest in future skills	Improve employee engagement ESG: outperformer ⁶	Made governance more efficient, simplified policies, and streamlined processes; employee engagement of 66% (+2ppt)
	-	ESG average performer rating

Outlook



Key financial metrics

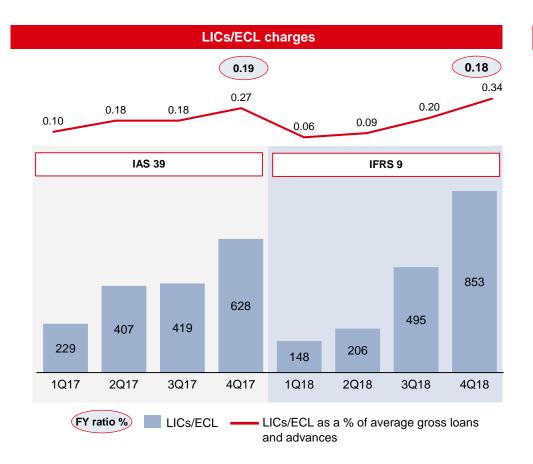
- Reported profit before tax of \$19.9bn, up \$2.7bn or 16% vs. FY17
- Adjusted profit before tax of \$21.7bn, up \$0.6bn or 3% vs. FY17
- Group Return on average tangible equity of 8.6% vs. 6.8% FY17

Key financial metrics	FY17	FY18	∆ FY17
Return on average ordinary shareholders' equity	5.9%	7.7%	1.8ppt
Return on average tangible equity	6.8%	8.6%	1.8ppt
Jaws (adjusted) ⁸	1.0%	(1.2)%	(2.2)ppt
Dividends per ordinary share in respect of the period	\$0.51	\$0.51	-
Earnings per share ⁹	\$0.48	\$0.63	\$0.15
Common equity tier 1 ratio ¹⁰	14.5%	14.0%	(0.5)ppt
Leverage ratio ¹¹	5.6%	5.5%	(0.1)ppt
Advances to deposits ratio	70.6%	72.0%	1.4ppt
Net asset value per ordinary share (NAV)	\$8.35	\$8.13	\$(0.22)
Tangible net asset value per ordinary share (TNAV)	\$7.26	\$7.01	\$(0.25)

Reported res	ults, \$m						Adjusted resu	ılts, \$m					
	4Q18	∆ 4Q17	Δ %	FY18	Δ FY17	Δ %		4Q18	∆ 4Q17	Δ %	FY18	∆ FY17	
Revenue	12,695	394	3%	53,780	2,335	5%	Revenue	12,564	582	5%	53,940	2,279	
LICs / ECL	(853)	(195)	(30)%	(1,767)	2	0%	LICs / ECL	(853)	(225)	(36)%	(1,767)	(54)	
Costs	(9,144)	751	8%	(34,659)	225	1%	Costs	(8,882)	(429)	(5)%	(32,990)	(1,759)	
Associates	558	2	0%	2,536	161	7%	Associates	558	25	5%	2,536	120	
PBT	3,256	952	41%	19,890	2,723	16%	PBT	3,387	(47)	(1)%	21,719	586	

Credit performance

- \$1,767m ECL in FY18; \$1,713m LICs in FY17
- ECL as a percentage of average gross loans and advances of 0.18% in FY18
- + 4Q18 ECL of \$853m was \$358m higher than 3Q18; including a 4Q18 \$165m charge in the UK relating to the current economic uncertainty
- Stage 3 loans remain low at \$13bn or 1.3% of total loans with limited signs of deterioration
- We expect normalisation of credit costs going forward



Analysis by stage					
Reported basis \$bn	Stage 1	Stage 2	Stage 3	Total ¹²	Stage 3 as a % of Total
31.12.18					
Loans and advances to customers	915.2	61.8	13.0	990.3	1.3%
Allowance for ECL	1.3	2.1	5.0	8.6	
30.09.18					
Loans and advances to customers	904.8	71.1	13.7	989.9	1.4%
Allowance for ECL	1.3	1.9	5.0	8.5	
1.1.18					
Loans and advances to customers	871.6	72.7	13.9	959.1	1.4%
Allowance for ECL	1.3	2.2	5.6	9.3	

Asset quality

Customers - \$990bn Total gross customer loans and advances to customers by credit quality classification As at 31 December 2018

Gross loans and advances to

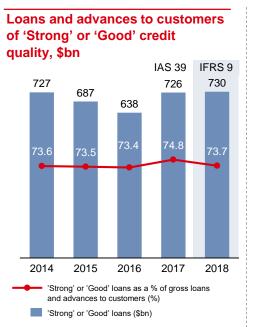


Total gross customer loans and advances to customers of \$990bn

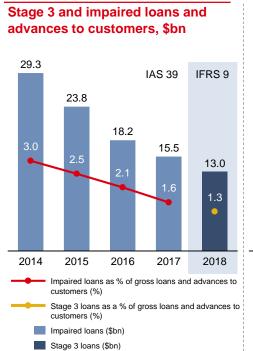
Increased by \$31bn (3%) from 1 Jan 2018 on a reported basis.

Increased by \$65bn or 7% from 1 Jan 2018, on a constant currency basis.

The effect of transitioning to IFRS 9 on 1.1.18 was a reduction in loans and advances to customers of \$11bn from 31.12.17.



c.74% of gross loans and advances to customers of 'Strong' or 'Good' credit quality, equivalent to external Investment Grade credit rating.



Stage 3 loans as a % of gross loans and advances to customers was 1.3%.

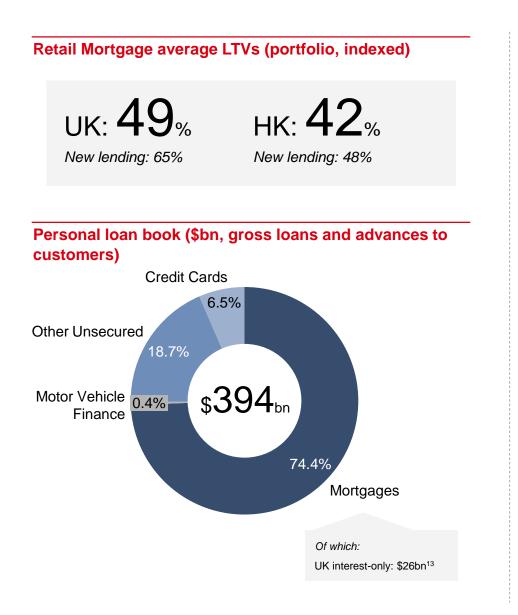
The run down of CML loans to zero was a significant factor in the reduction of impaired loans.



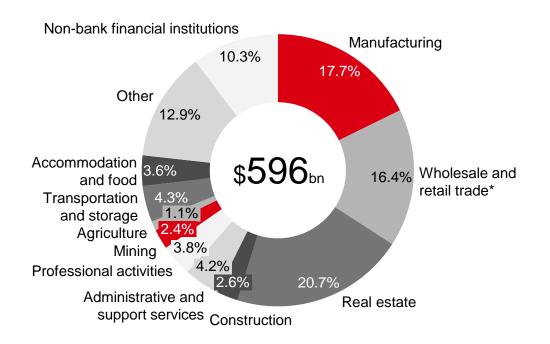
3.9 3.7 IAS 39 IFRS 9 3.4 1.8 1.8 0.4 0.4 0.2 2014 2015 2016 2017 2018 LICs as a % of gross loans and advances to customers (%) ECL as a % of gross loans and advances to customers (%) LICs (\$bn) ECL (\$bn)

> ECL charge of \$1.8bn in FY18; ECL as a % of gross loans and advances to customers was 18bps.

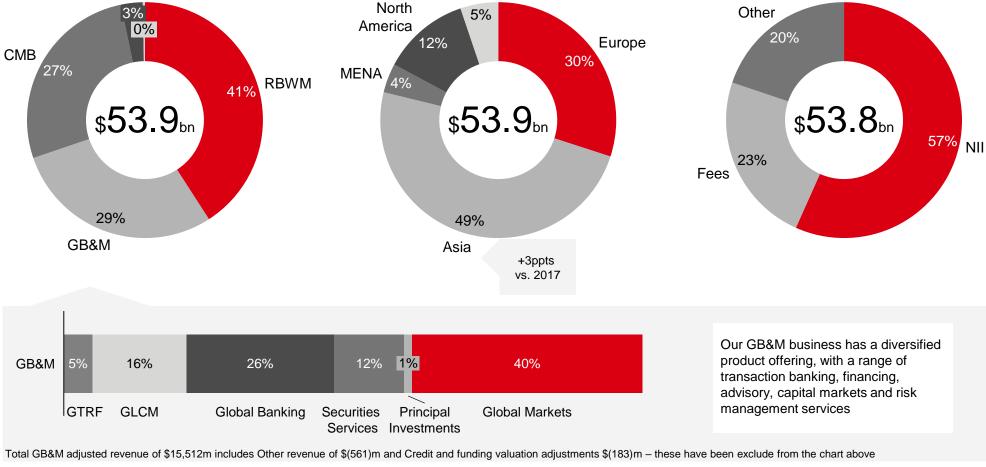
Loans and advances to customers by type



Wholesale loan book (\$bn, gross loans and advances to customers)



* includes repair of motor vehicles and motorcycles



Diversified revenue streams by global business, region and type ٠

Group FY18 performance

2018 adjusted revenue by global

GPB Corporate Centre

business

Strategic priority 1 is to accelerate growth from our Asia franchise and be the leading bank to support drivers of global investment

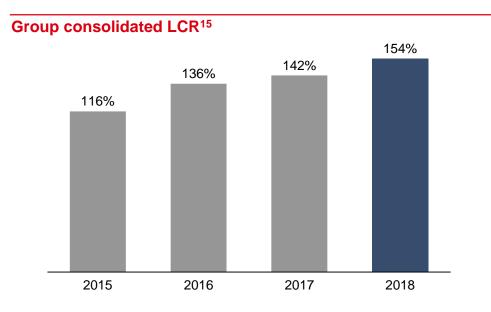
2018 adjusted revenue by region¹⁴

Latin America

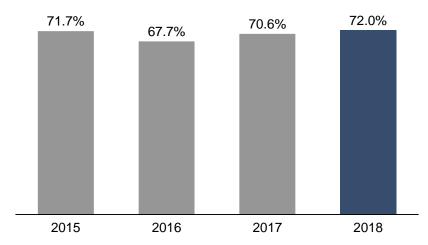


2018 reported revenue by type

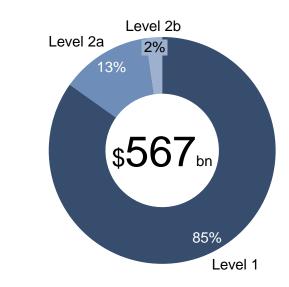
Funding and liquidity



Advances to deposits ratio, %



High Quality Liquid Assets¹⁶ (HQLA) as at 31 Dec 18



Short term wholesale funding

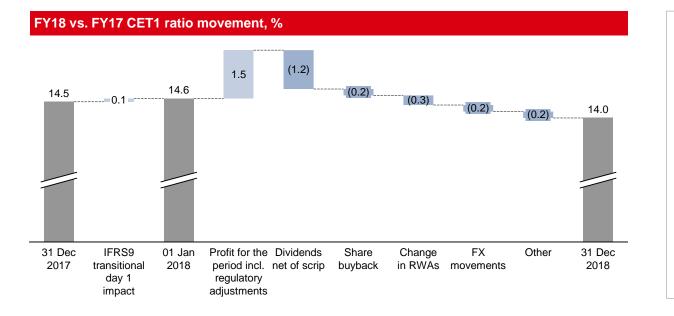
13% CP, CDs and ABCP <1y

as % total wholesale debt

22%

Total debt maturing within 1 year

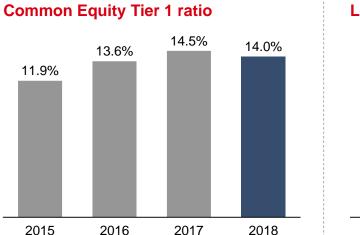
Capital position

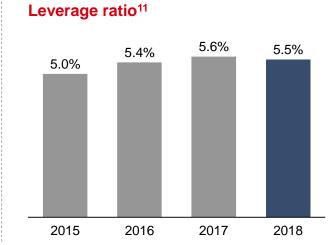


- 14.0% CET1 ratio, down 0.5ppts from 31
 December 2017, mainly as a result of:
 - Dividends net of scrip (-1.2ppts)
 - RWA growth (-0.3ppts)
 - Share buyback (-0.2ppts)
 - Adverse FX movements (-0.2ppts)

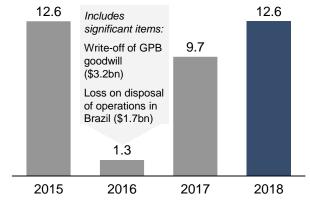
Partly offset by:

- Profit for the period (1.5ppts)



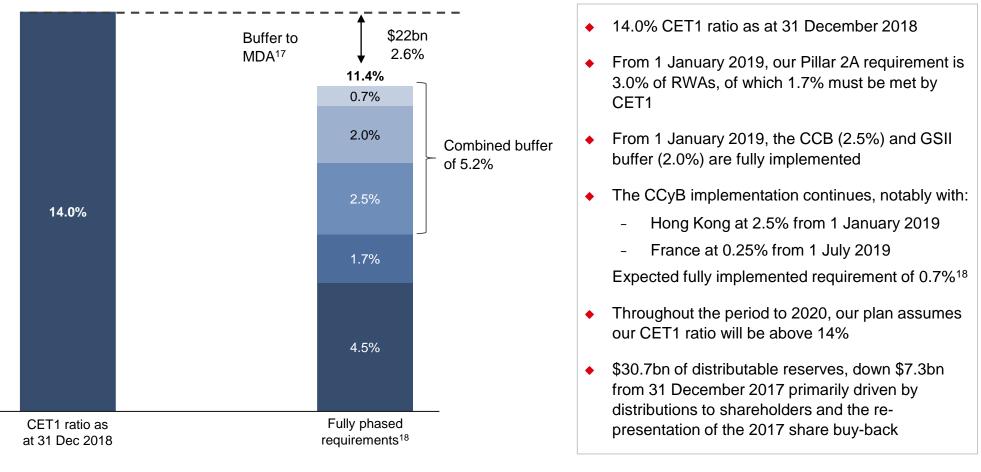


Profit attributable to ordinary shareholders, \$bn



Capital position versus requirements

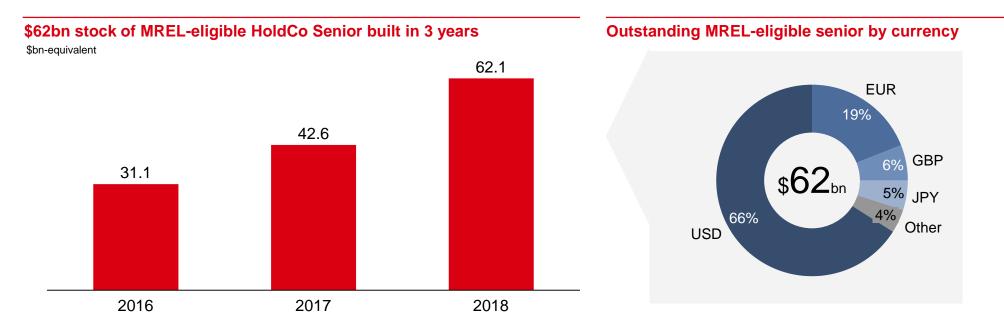




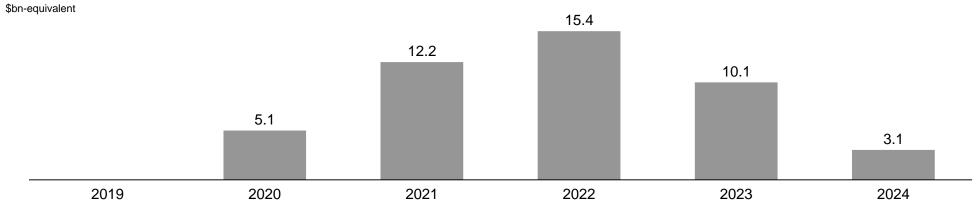
Capital structure and debt issuance



Progress toward meeting MREL requirements

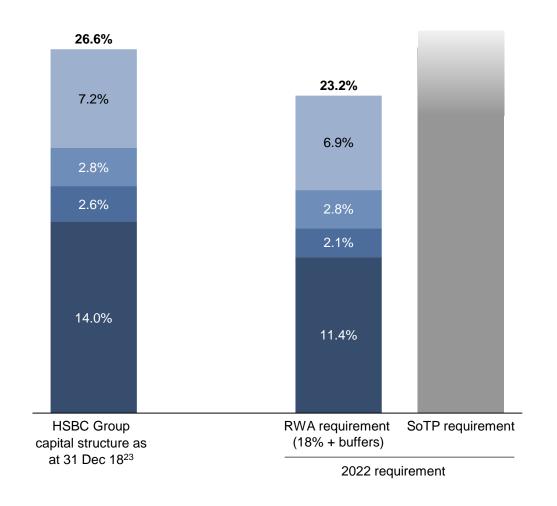


Maturity profile of HoldCo Senior debt (including non-MREL debt)¹⁹, \$bn



Total capital and estimated MREL/TLAC requirements²⁰

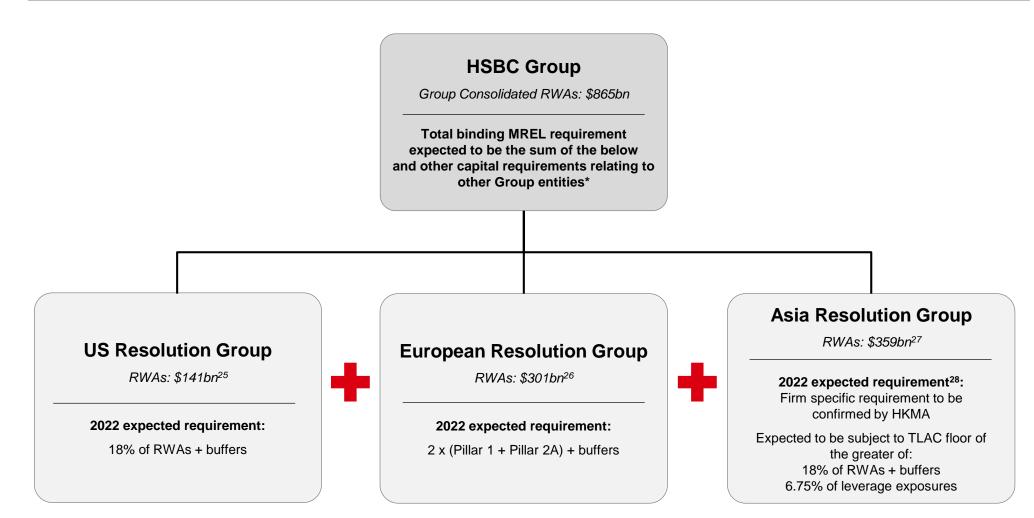
Regulatory capital and MREL-eligible HoldCo Senior versus regulatory requirements as a % of RWAs



•	HSBC comfortably meets its 2019 MREL requirements				
•	Good progress made in meeting expected end- state requirements ²¹				
•	The preferred resolution strategy for HSBC is Multiple Point of Entry ('MPE')				
•	From 2022, HSBC Group's indicative MREL requirement ²² is the greater of:				
	- 18% of RWAs				
	 6.75% of leverage exposures 				
	 The sum of requirements relating to Group entities ('SoTP') 				
•	On current assumptions, HSBC expects the SoTP calculation will be the binding constraint				
•	 There remains some uncertainty over the timing and quantum of MREL requirements at certain subsidiaries 				

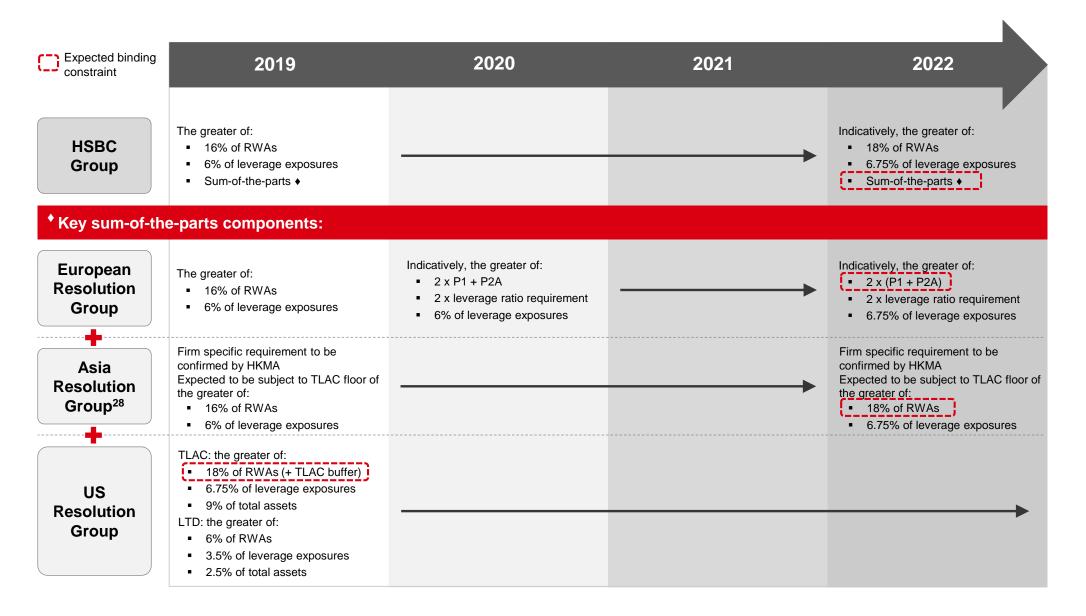
Indicative summary MREL/TLAC requirement²⁴

On current assumptions, HSBC expects the 'sum-of-the-parts' MREL/TLAC calculation will be binding. SoTP sums our local subsidiaries' MREL/TLAC requirements to give the group's overall MREL requirement



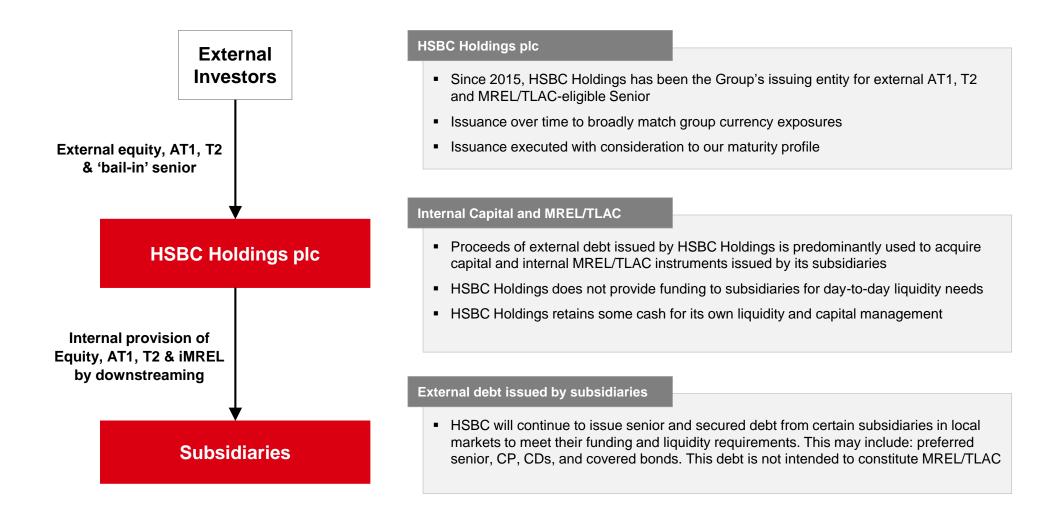
*Note: HSBC Group MREL SoTP requirement is the sum of all loss-absorbing requirements and other capital requirements relating to other group entities or sub-groups A simplified structure chart can be found on page 33

Indicative timeline of MREL/TLAC requirement



Note: HSBC Group MREL SoTP requirement is the sum of all loss-absorbing requirements and other capital requirements relating to other group entities or sub-groups 19

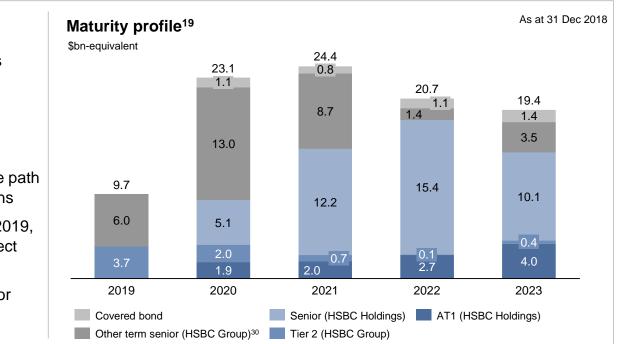
Approach to issuance – single point of issuance, multiple point of entry



Issuance strategy and plan

Executed against 2018 targets

- Issued \$19bn of HoldCo Senior debt and \$6bn of AT1, in line with plan and partially pre-funding our 2019 need
- Maintained buffer above regulatory minimums for AT1 and Total Capital
- Issuance into local markets from certain subsidiaries, including:
 - HSBC France EUR senior preferred and covered bond
 - HSBC Bank Canada CAD term deposit note and USD covered bond



Forward-looking issuance plan²⁹

- HoldCo Senior: expect to issue low / mid-teens
 USDbn per year
 - Increasing maturity profile will reduce net issuance to nil over time
- **Tier 2:** no near-term plans The final implementation of CRR2 and the future path of UK regulation post-Brexit may impact our plans
- AT1: expect to issue low single-digit USDbn in 2019, over the longer-term expect net issuance to reflect balance sheet evolution
- OpCo: expect certain subsidiaries to issue senior and secured debt in local markets

Appendix



Appendix

Currency translation and significant items included in the income statement

\$m	4Q17	3Q18	4Q18	FY17	FY18
Reported PBT	2,304	5,922	3,256	17,167	19,890
Revenue					
Currency translation	450	147	-	(133)	-
Customer redress programmes	(105)	-	7	(108)	53
Disposals, acquisitions and investment in new businesses	(79)	-	29	274	(113)
Fair value movements on financial instruments	45	(43)	95	(245)	(100)
Currency translation on significant items	8	-	-	(4)	-
	319	104	131	(216)	(160)
ECL / LICs					
Currency translation	(30)	(12)	-	(56)	-
	(30)	(12)	-	(56)	-
Operating expenses					
Currency translation	(344)	(105)	-	143	-
Costs of structural reform	(131)	(89)	(61)	(420)	(361)
Costs to achieve	(655)	-	-	(3,002)	-
Customer redress programmes	(272)	(62)	16	(655)	(146)
Gain on partial settlement of pension obligation	188	-	-	188	-
Disposals, acquisitions and investment in new businesses	(39)	(51)	2	(53)	(52)
Restructuring and other related costs	-	(27)	(15)	-	(66)
Settlements and provisions in connection with legal and other regulatory matters	(228)	1	24	198	(816)
Past service costs of guaranteed minimum pension benefits equalisation	-	-	(228)	-	(228)
Currency translation on significant items	39	2	-	(52)	-
	(1,442)	(331)	(262)	(3,653)	(1,669)
Share of profit in associates and joint ventures		. ,	. ,		
Currency translation	23	8	-	(41)	-
	23	8	-	(41)	-
Currency translation and significant items	(1,130)	(231)	(131)	(3,966)	(1,829)
Adjusted PBT	3,434	6,153	3,387	21,133	21,719

Balance sheet – customer lending

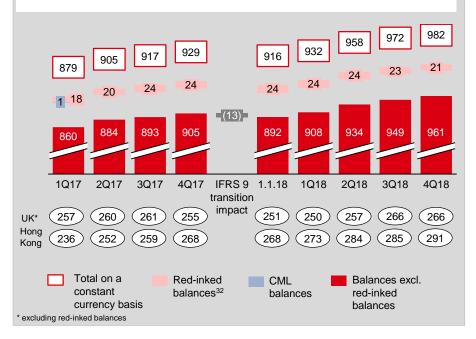
4Q18 Net loans and advances to customers³¹

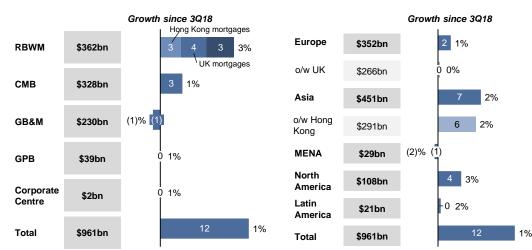
Customer lending* increased by \$12bn or 1.3% vs. 3Q18, reflecting:

- Lending growth in Hong Kong of \$6bn (of which \$3bn RBWM mortgage growth)
- Term lending growth in GB&M North America
- Lending growth in Europe (\$2bn), primarily in the UK from RBWM mortgage growth (\$4bn) partly offset by a managed reduction in GLCM overdraft balances in GB&M

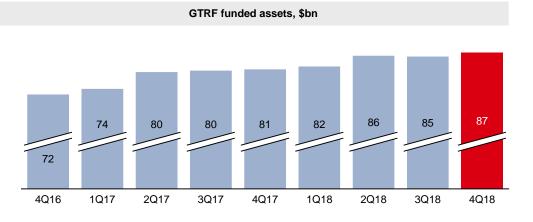
Customer lending* increased by \$69bn or 8% vs. 1.1.18:

- Lending growth in Asia of (\$38bn): mortgage lending in RBWM (\$14bn), CMB (\$13bn) and GB&M (\$11bn) mainly from term lending; growth was mainly in Hong Kong
- Lending growth in Europe of \$20bn primarily in the UK from mortgage growth in RBWM (\$11bn)





4Q18 lending growth by global business and region (excluding red-inked balances)



Balance sheet – customer accounts

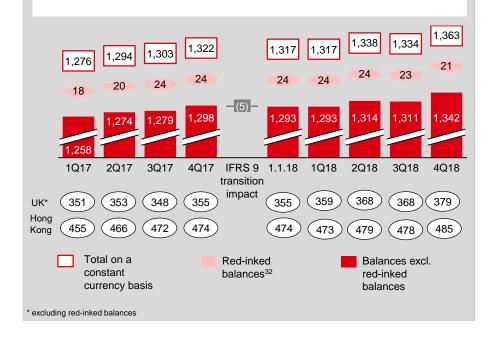
4Q18 Customer accounts³¹, \$bn

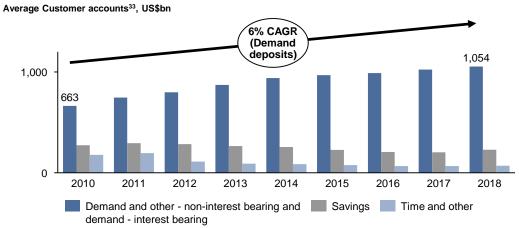
Customer accounts* increased by \$31bn or 2.4% vs. 3Q18:

- Growth in Asia of \$13bn notably RBWM (\$6bn) and GB&M (\$5bn) primarily in savings reflecting higher customer inflows due to competitive rates
- Growth in Europe of \$12bn, from growth in CMB \$5bn mainly in the UK RFB and increases in Global Markets in the UK

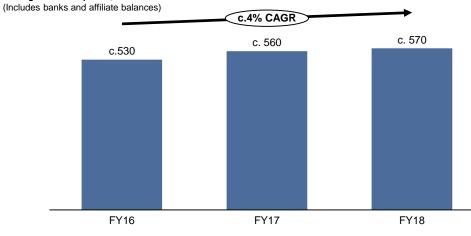
Customer accounts* increased by \$49bn or 4% vs. 1.1.18:

- Growth in Europe of \$29bn, targeted growth in GB&M to support funding in the NRFB, increases in CMB in the UK RFB and higher current account and savings balances in RBWM
- Growth in Asia of \$18bn, notably RBWM (\$10bn) and GB&M (\$9bn) primarily in savings reflecting higher customer inflows due to competitive rates

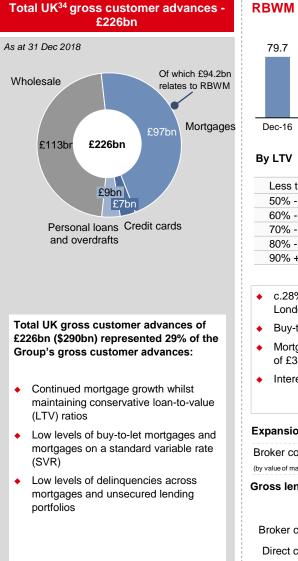


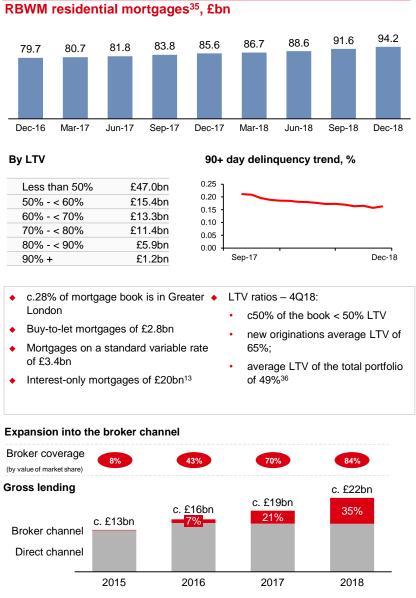


Average GLCM deposits, US\$bn

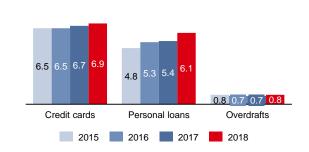


UK customer advances

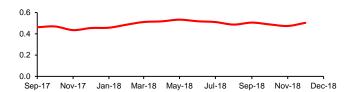






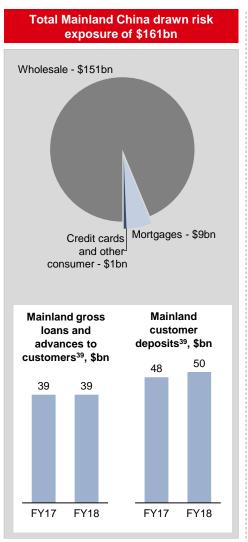


Credit cards: 90+ day delinquency trend, %



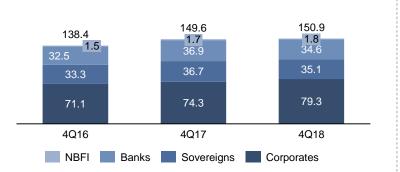
- 18% of outstanding credit card balances are on a 0% balance transfer offer
- HSBC does not provide a specific motor finance offering to consumers although standard personal loans may be used for this purpose

Mainland China drawn risk exposure³⁸



- Total mainland China drawn risk exposure of \$161bn
- Wholesale: \$151bn (of which 51% is onshore); Retail: \$10bn
- Gross loans and advances to customers of c.\$39bn in mainland China (by country of booking, excluding Hong Kong and Taiwan)
- Stage 3 loan balances, days past due trends and losses remain low
- HSBC's onshore corporate lending market share is 0.14%; we are selective in our lending

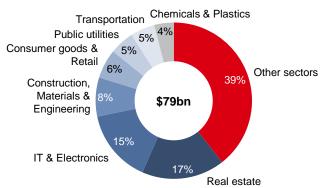
Wholesale analysis, bn



Wholesale lending by risk type:

CRRs	1-3	4-6	7-8	9+	Total
Sovereigns	35.1				35.1
Banks	34.3	0.3			34.6
NBFI	1.6	0.2			1.8
Corporates	51.5	27.3	0.2	0.3	79.3
Total	122.5	27.9	0.2	0.3	150.9

Corporate Lending by sector:



 c21% of lending is to Foreign Owned Enterprises, c35% of lending is to State Owned Enterprises, c43% to Private sector owned Enterprises

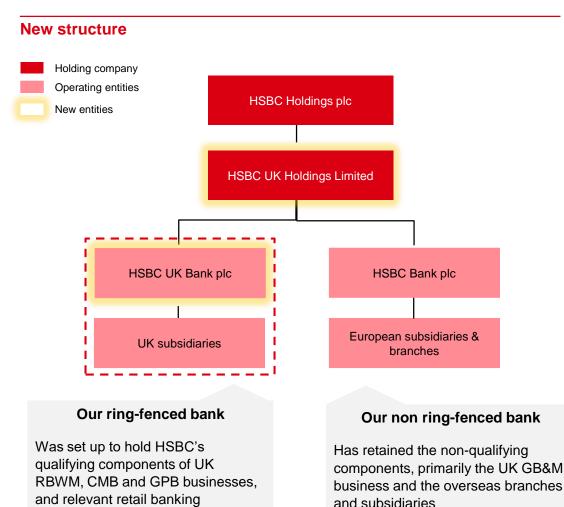
- Corporate real estate
 - 58% within CRR 1-3 (broadly equivalent to investment grade)
 - Highly selective, focusing on top tier developers with strong performance track records
 - Focused on Tier 1 and selected Tier 2 cities

Current credit ratings for main issuing entities

Long term senior ratings as at 18 February 2019	Fitch		Moody's		S&P	
	Rating	Outlook	Rating	Outlook	Rating	Outlook
HSBC Holdings plc	AA-	Stable	A2	Stable	А	Stable
The Hongkong and Shanghai Banking Corporation Ltd	AA-	Stable	Aa3	Stable	AA-	Stable
HSBC Bank plc	AA-	Stable	Aa3	Stable	AA-	Stable
HSBC UK Bank plc	AA-	Stable	-	-	AA-	Stable
HSBC France	AA-	Stable	Aa3	Stable	AA-	Stable
HSBC Bank USA NA	AA-	Stable	Aa3	Stable	AA-	Stable
HSBC Bank Canada	AA-	Stable	A3	Stable	AA-	Stable

subsidiaries

HSBC has completed the ring-fencing of its UK retail banking activities



Milestones completed in FY18

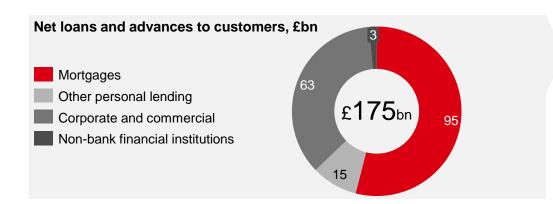
- ✓ In January 2018, the Ring Fence Transfer Scheme ('RFTS') court process was initiated with the submission of an application to the High Court, followed by the first hearing to consider and approve the communications programme
- ✓ The RFTS was sanctioned by the High Court in May 2018
- All mobilisation restrictions to HSBC UK Bank plc's banking licence under section 55I of the FSMA were lifted on 27 June 2018
- ✓ HSBC completed the ring-fencing of its UK retail banking activities on 1 July 2018
- ✓ The transfer of c14.5 million customers
- ✓ The migration of roles from London to Birmingham has completed and a fully functioning HSBC UK Bank plc team is in place
- ✓ HSBC Bank plc transferred to HSBC UK Holdings Limited in the second half of 2018

HSBC UK Bank plc (our ring-fenced bank)

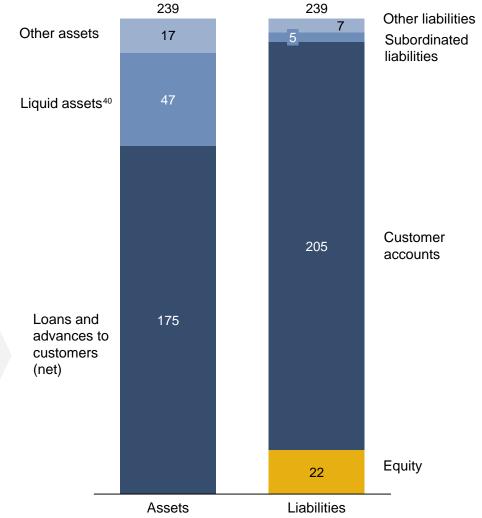
Source: HSBC UK Bank plc Annual Report and Accounts 2018

Pro forma adjusted results, £m					
	FY18	FY17	Δ FY17	Δ %	
Revenue	6,449	6,009	440	7%	
ECL / LICs	(399)	(229)	(170)	(74%)	
Costs	(3,510)	(3,392)	(118)	(3%)	
PBT	2,540	2,388	152	6%	

Key financial metrics	
	FY18
Jaws (adjusted)	3.8%
Common equity tier 1 ratio	12.7%
Leverage ratio	5.6%
Advances to deposits ratio	85.3%
LCR ⁴¹	143%



Consolidated balance sheet, £bn As at 31 Dec 2018



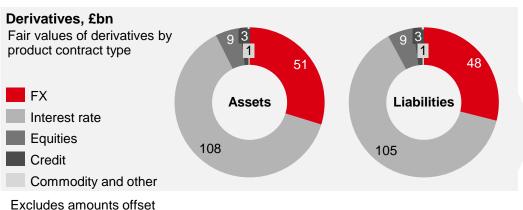
HSBC Bank plc (our non ring-fenced bank)⁴²

Source: HSBC Bank plc Annual Report and Accounts 2018

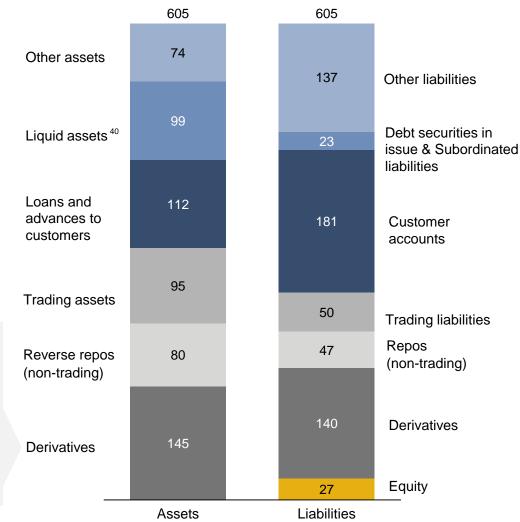
The 2018 results include the income and expenses associated with transferred activities (to HSBC UK Bank plc) during the six months to 30 June 2018

Adjusted results, £m	
	FY18
Revenue	9,394
ECL / LICs	(159)
Costs	(7,151)
Associates	16
РВТ	2,100

Key financial metrics		
	FY18	
Common equity tier 1 ratio	13.8%	
Leverage ratio	3.9%	
Advances to deposits ratio	61.9%	
LCR ⁴³	147%	

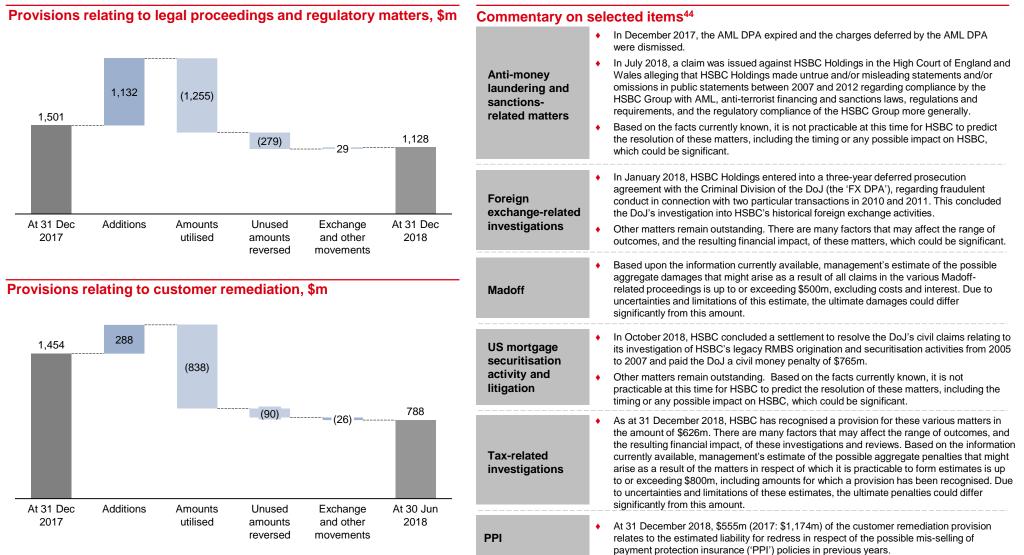


Consolidated balance sheet, £bn As at 31 Dec 2018

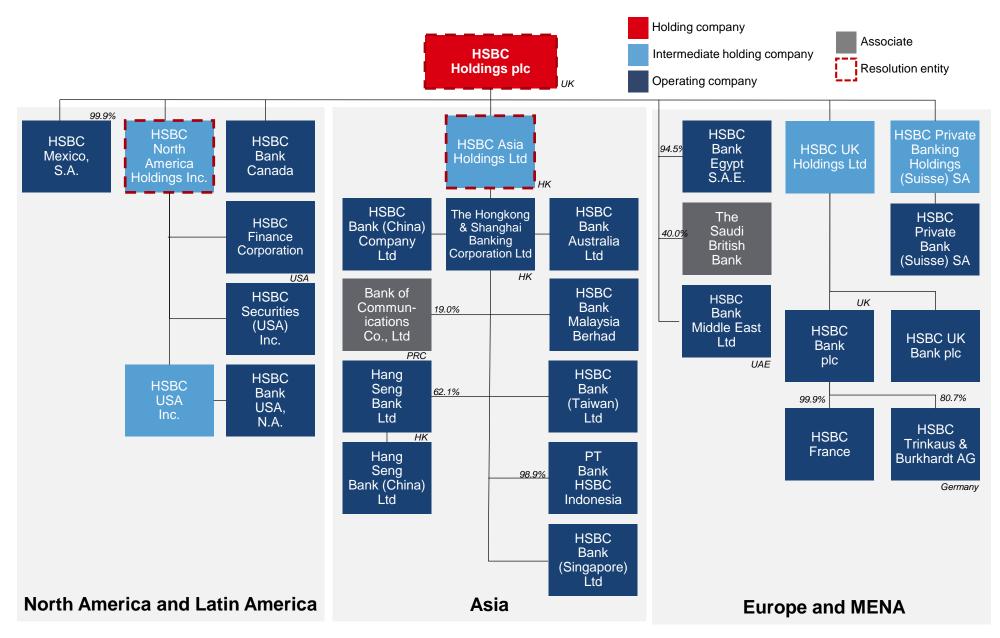


Legal proceedings, regulatory matters and customer remediation

This slide should be read in conjunction with Note 27 and Note 35 of the HSBC Holdings plc Annual Report and Accounts 2018.



Simplified structure chart



Appendix

Footnotes

- 1. Commitment by 2025
- 2. HSBC completed the set up of its ring-fenced bank, HSBC UK Bank plc, on 1 July 2018; pro forma results are extracted from the HSBC UK Bank plc Annual Report and Accounts, used for 2017 and 1H18 to enable an understanding of year-on-year performance
- 3. Market share gains are as of 3Q18
- 4. HSBC North America Holdings ('HNAH') legal entity basis, excluding the adverse impact from the one time write down of deferred tax assets due to US Tax Reform. Including this adverse impact brings FY17 RoTE to -4.3%.
- 5. Top three rank or improvement by two ranks; measured by customer recommendation for RBWM and customer satisfaction for CMB amongst relevant competitors

5a. Customer satisfaction metrics for Pearl River Delta will be available from 2019, therefore they have been excluded from the assessment. Surveys are based on a relevant and representative subset of the market. Data provided by Kantar

5b. Customer satisfaction metrics for Pearl River Delta will be available from 2019 therefore they have been excluded from the assessment. In HK, Singapore, Malaysia, Mexico and UAE, 2017 CMB performance is based on the bank that the customer defines as their main bank, whereas 2018 CMB performance for these markets is based on the bank that the customer defines as the most important. Surveys are based on a relevant and representative subset of the market. Data provided by RFi Group, Kantar and another third party vendor.

- 6. Rating as measured by Sustainalytics (an external agency) against our peers and reported annually
- 7. A targeted reported RoTE of 11% is broadly equivalent to a reported return on equity of 10%; assumes a Group CET1 ratio greater than 14%
- 8. FY17 jaws as reported in our FY17 Results
- 9. Uses average shares of 19,896m
- 10. Unless otherwise stated, risk-weighted assets and capital are calculated using (i) the CRD IV transitional arrangement as implemented in the UK by the Prudential Regulation Authority; and (ii) EU's regulatory transitional arrangements for IFRS 9 in article 473a of the Capital Requirements Regulation. Figures at 31 December 2017 are reported under IAS 39. CET1 ratio if IFRS 9 transitional arrangements had not been applied of 13.9%
- 11. Leverage ratio is calculated using the CRD IV end-point basis for tier 1 capital
- 12. Total includes POCI balances and related allowances
- 13. Includes offset mortgages in first direct, endowment mortgages and other products
- 14. Excludes inter-regional eliminations
- 15. The methodology used to create a consolidated view of the Group's liquidity using the LCR is currently under review and any changes may have an impact on this disclosure in the future
- 16. The liquidity value of the HQLA is lower than the carrying value due to adjustments applied to comply with the European Commission ('EC') or other local regulators. For the purposes of this illustration the split of Level 1, Level 2a and Level 2b assets uses the sum of the liquid assets in HSBC's principal entities
- 17. Pro forma buffer to MDA trigger based on RWAs and CET1 capital resources at 13 December 2018
- 18. Pillar 2A requirements are shown as applicable on 1 January 2019 and are subject to change, held constant for illustrative purposes. The capital buffers on an end point basis include: a) the fully phased-in capital conservation buffer of 2.5% of RWAs; b) the countercyclical capital buffer, which is dependent on the prevailing rates set in the jurisdictions where HSBC has relevant credit exposures (this buffer amounts to 0.7% of RWAs on an end-point basis, based on confirmed rates as of 18 February 2019); c) the fully phased-in Global Systemically Important Institutions Buffer (G-SII buffer) of 2% of RWAs. With the exception of the capital conservation buffer, the remaining buffers are subject to change
- 19. To first call date if callable; otherwise to maturity; to 2024/23 only
- 20. Minimum requirement for own funds and eligible liabilities (MREL) consists of a minimum level of equity and eligible debt liabilities that will need to be maintained pursuant to a direction from the Bank of England in the exercise of its powers under the Bank Recovery and Resolution Directive (BRRD) and associated UK legislation, with the purpose of absorbing losses and recapitalising an institution upon failure whilst ensuring the continuation of critical economic functions. The criteria for eligibility is defined in "The Bank of England's approach to setting a minimum requirement for own funds and eligible liabilities (MREL)" policy statement, published in June 2018. In November 2016, the European Commission also published proposed amendments to MREL which are yet to be finalised. The final MREL rules are subject to change pending (i) the outcome and timing of these amendments, and (ii) any eventual implementation of such rules in the UK, following the UK's withdrawal from the EU
- 21. The MREL requirements are subject to a number of caveats including: changes to the firm and its balance sheet (RWAs, FX and leverage); changes in accounting and regulatory policy; implementation of the final MREL rules in the EU and the UK and the content of those rules; stress test requirements and, not least, confirmation of the final requirements from the Bank of England and other regulators, including the resolution strategy which is subject to revision on a regular basis

Appendix

Footnotes

- 22. End-point MREL requirements calculated as a % of Group consolidated RWAs. The Bank of England has written to HSBC confirming the preferred resolution strategy for HSBC Group remains a multiplepoint-of-entry ('MPE') resolution strategy and setting out the 2019 and indicative 2020, 2021 and 2022 external MREL applicable to HSBC Group. The Group's external MREL to be met from 1 January 2019 are set at the higher of (i) 16% of RWAs (consolidated); (ii) 6% of leverage exposures (consolidated); and (iii) the sum of all loss-absorbing capacity requirements and other capital requirements relating to other group entities or sub-groups. The Group's non-binding indicative external MREL in 2020 and 2021 is expected to follow the same calibration as in 2019. In 2022, the indicative MREL for the Group is expected to be set at the higher of (i) 18% of RWAs (consolidated); (ii) 6.75% of leverage exposures (consolidated); and (iii) the sum of all loss-absorbing capacity requirements and other capital requirements relating to other group entities or sub-groups
- 23. Capital is calculated using (i) CRR/CRD IV end point basis; and (ii) EU's regulatory transitional arrangements for IFRS 9 in article 473a of the Capital Requirements Regulation
- 24. This is a simplified representation of our current view of the Group's MREL requirements. The "sum of the parts" effectively includes the expected requirements for each of our resolution groups and any loss-absorbing capacity requirements and other capital requirements relating to any other entities outside of these resolution groups. To be noted that any applicable regulatory capital buffers apply on top of the indicative MREL/TLAC requirements
- 25. For the purposes of this illustration, HSBC North America Holdings Inc consolidated local RWAs have been used. Source: HSBC North America Holdings Inc 4Q18 FR Y-9C filing
- 26. The European resolution group includes HSBC Holdings Plc and HSBC UK Holdings Limited and its subsidiaries. Work is ongoing to fully define the requirements of the European resolution group. For the purpose of this illustration the sum of HSBC UK Bank plc consolidated and HSBC Bank plc consolidated RWAs have been used. Source: HSBC Bank plc Annual Report and Accounts 2018 and HSBC UK Bank plc Annual Report and Accounts 2018
- 27. For the purposes of this illustration, The Hongkong & Shanghai Banking Corporation Limited consolidated local RWAs have been used. Source: The Hongkong & Shanghai Banking Corporation Limited Annual Results 2018 media release
- 28. HKMA rules were finalised in December 2018. These requirements are broadly aligned with the FSB TLAC term sheet. Individual requirements and date of application is dependent on HKMA formal designation and notification to HSBC, expected during 2019. The firm specific loss absorbing capacity requirement ('LAC requirement') is expected to be established based on a risk weighted ratio and a leverage ratio, both calculated with reference to a capital component ratio and a resolution component ratio. These requirements may reflect a variation given to the authorised firm pursuant to section 97F of the Banking Ordinance and may also be varied upon determination of HKMA for a particular firm. It is also expected that a G-SIB's LAC requirement would be subject to the FSB minimum TLAC requirements.
- 29. The issuance plan is guidance only; it is a point in time assessment and is subject to change
- 30. "Other term senior" means senior unsecured debt securities with an original term to maturity of >1.5 years and an original principal balance of > \$250mn, issued by HSBC Group entities
- Balances presented by quarter are on a constant currency basis. Reported equivalents for 'Loans and advances to customers' are as follows: 1Q17: \$876bn, 2Q17: \$920bn, 3Q17: \$945bn, 4Q17: \$963bn, 1Q18: \$981bn, 2Q18: \$973bn, 3Q18: \$981.5bn, 4Q18: \$982bn. Reported equivalents for 'Customer Accounts' are as follows: 1Q17: \$1,273bn, 2Q17: \$1,312bn, 3Q17: \$1,337bn, 4Q17: \$1,364bn, 1Q18: \$1,380bn, 2Q18: \$1,356bn; 3Q18: \$1,345bn, 4Q18: \$1,363bn
- 32. Red-inked balances relate to corporate customers in the UK, who settle their overdraft and deposit balances on a net basis. CMB red-inked balances 1Q17: \$5bn, 2Q17: \$5bn, 3Q17: \$6bn, 4Q17: \$5bn, 4Q17: \$5bn, 4Q18: \$5bn, 4Q18: \$5bn, 4Q18: \$5bn, 4Q18: \$5bn, 4Q18: \$5bn, 4Q18: \$18bn, 4Q18: \$
- 33. Source: Form 20-F; Average balances on a reported basis
- 34. Where the country of booking is the UK. This includes HSBC UK Bank plc (RFB) and also the UK geographic portion of HSBC Bank plc (NRFB)
- 35. Includes Channel Islands and Isle of Man. Includes first direct balances
- 36. In 2018, the UK has moved from a simple average approach to a balance weighted average method in calculating the LTV ratio. This aligns the methodology to Hong Kong
- 37. Includes first direct, M&S and John Lewis Financial Services. Excludes Channel Islands and Isle of Man
- 38. Mainland China drawn risk exposure. Retail drawn exposures represent retail lending booked in mainland China; wholesale lending where the ultimate parent and beneficial owner is Chinese
- 39. On a constant currency basis
- 40. Liquid assets include cash and balances at central banks, items in the course of collection from other banks and financial investments
- 41. HSBC UK Liquidity Group comprises: HSBC UK Bank plc (including Dublin branch), Marks and Spencer Financial Services Limited, HSBC Trust Company (UK) Limited and Private Bank (UK) Limited. It is managed as a single operating entity, in line with the application of UK liquidity regulation as agreed with the PRA
- 42. The group was impacted by the transfer of its UK retail and qualifying commercial banking activities to HSBC UK Bank plc ('HSBC UK') on 1 July 2018 to meet the ring-fencing requirements of the Financial Services (Banking Reform) Act 2013 and related legislation. The 2018 financial performance and position, reflect the transfer. The 2018 results include the income and expenses associated with the transferred activities during the six months to 30 June, which are disclosed as discontinued operations in Note 35 on the Financial Statements in HSBC Bank plc Annual Report and Accounts 2018. The discontinued operations contribution to Profit before tax in 2018 was £1,143m
- 43. HSBC Bank plc
- 44. This slide contains selected items only, as at 31 December 2018. For further information, please refer to Note 27 and Note 35 of the HSBC Holdings plc Annual Report and Accounts 2018

Glossary

ABCP	Asset-backed commercial paper
ASEAN	Association of Southeast Asian Nations
AT1	Additional Tier 1
Bps	Basis points. One basis point is equal to one-hundredth of a percentage point
CET1	Common Equity Tier 1
ССВ	Capital Conservation Buffer
ССуВ	Countercyclical Buffer
CD	Certificate of deposit
Corporate Centre	In December 2016, certain functions were combined to create a Corporate Centre. These include Balance Sheet Management, legacy businesses and interests in associates and joint ventures. The Corporate Centre also includes the results of our financing operations, central support costs with associated recoveries and the UK bank levy
СМВ	Commercial Banking, a global business
CML	Consumer and Mortgage Lending (US)
СР	Commercial paper
CRD IV	Capital Requirements Directive and the Capital Requirements Regulation
CRR	Customer risk rating
CRR2	Amendments to the Capital Requirements Regulation (575/2013)
DoJ	US Department of Justice
ECL	Expected credit losses and other credit impairment charges
ESG	Environmental, social and governance
GB&M	Global Banking and Markets, a global business
GLCM	Global Liquidity and Cash Management
GPB	Global Private Banking, a global business
GTRF	Global Trade and Receivables Finance
GSII	Globally significantly important institution
НКМА	Hong Kong Monetary Authority

HoldCo	Holding Company
HQLA	High Quality Liquid Assets
iMREL	Internal MREL
LTV	Loan-to-value ratio
IAS	International Accounting Standards
IFRS	International Financial Reporting Standard
Jaws	The difference between the rate of growth of revenue and the rate of growth of costs. Positive jaws is where the revenue growth rate exceeds the cost growth rate. We calculate this on an adjusted basis
LCR	Liquidity coverage ratio
LICs	Loan Impairment charges and other credit risk provisions
MREL	Minimum requirement for own funds and eligible liabilities
MENA	Middle East and North Africa, a region
NAV	Net Asset Value
NII	Net interest income
PBT	Profit before tax
Ppt	Percentage point
POCI	Purchased or originated credit-impaired
RBWM	Retail Banking and Wealth Management, a global business
RFTS	Ring fence transfer scheme
RMBS	Residential mortgage-backed securities
RoE	Return on average ordinary shareholders' equity
RoRWA	Return on average risk-weighted assets
RoTE	Return on average tangible equity
RWA	Risk-weighted asset
TLAC	Total loss absorbing capacity
TNAV	Tangible net asset value

Disclaimer

Important notice

The information, statements and opinions set out in this presentation and accompanying discussion ("this Presentation") are for informational and reference purposes only and do not constitute a public offer for the purposes of any applicable law or an offer to sell or solicitation of any offer to purchase any securities or other financial instruments or any advice or recommendation in respect of such securities or other financial instruments.

This Presentation, which does not purport to be comprehensive nor render any form of legal, tax, investment, accounting, financial or other advice, has been provided by HSBC Holdings plc (together with its consolidated subsidiaries, "the Group") and has not been independently verified by any person. You should consult your own advisers as to legal, tax investment, accounting, financial or other related matters concerning any investment in any securities. No responsibility, liability or obligation (whether in tort, contract or otherwise) is accepted by the Group or any member of the Group or any of their affiliates or any of its or their officers, employees, agents or advisers (each an "Identified Person") as to or in relation to this Presentation (including the accuracy, completeness or sufficiency thereof) or any other written or oral information made available or any errors contained therein or omissions therefrom, and any such liability is expressly disclaimed.

No representations or warranties, express or implied, are given by any Identified Person as to, and no reliance should be placed on, the accuracy or completeness of any information contained in this Presentation, any other written or oral information provided in connection therewith or any data which such information generates. No Identified Person undertakes, or is under any obligation, to provide the recipient with access to any additional information, to update, revise or supplement this Presentation or any additional information or to remedy any inaccuracies in or omissions from this Presentation. Past performance is not necessarily indicative of future results. Differences between past performance and actual results may be material and adverse.

Forward-looking statements

This Presentation may contain projections, estimates, forecasts, targets, opinions, prospects, results, returns and forward-looking statements with respect to the financial condition, results of operations, capital position, strategy and business of the Group which can be identified by the use of forward-looking terminology such as "may", "will", "should", "expect", "anticipate", "project", "estimate", "seek", "intend", "target" or "believe" or the negatives thereof or other variations thereon or comparable terminology (together, "forward-looking statements"), including the strategic priorities and any financial, investment and capital targets described herein. Any such forward-looking statements are not a reliable indicator of future performance, as they may involve significant stated or implied assumptions and subjective judgements which may or may not prove to be correct. There can be no assurance that any of the matters set out in forward-looking statements are attainable, will actually occur or will be realised or are complete or accurate. Certain of the assumptions and judgements upon which forward-looking statements regarding strategic priorities and targets are based are discussed under "Targeted Outcomes: Basis of Preparation", available separately from this Presentation at www.hsbc.com. The assumptions and judgments may prove to be incorrect and involve known and unknown risks, uncertainties, contingencies and other important factors, many of which are outside the control of the Group. Actual achievements, results, performance or other future ulimitation those which are referable to general market conditions or regulatory changes). Any such forward-looking statements are based on the beliefs, expectations and opinions of the Group at the date the statements are made, and the Group does not assume, and hereby disclaims, any obligation or duty to update, revise or supplement them if circumstances or management's beliefs, expectations or opinions should change. For these reasons, recipients should not pl

Additional detailed information concerning important factors that could cause actual results to differ materially from this Presentation is available in our Annual Report and Accounts for the fiscal year ended 31 December 2017 filed with the Securities and Exchange Commission (the "SEC") on Form 20-F on 19 February 2018 (the "2017 Form 20-F), in our Interim Report for the six months ended 30 June 2018 furnished to the SEC on Form 6-K on 6 August 2018 (the "2018 Interim Report"), as well as in our Annual Report and Accounts for the fiscal year ended 31 December 2018 which we expect to file with the SEC on Form 20-F on 19 February 2019.

Non-GAAP financial information

This Presentation contains non-GAAP financial information. The primary non-GAAP financial measures we use are presented on an 'adjusted performance' basis which is computed by adjusting reported results for the period-on-period effects of foreign currency translation differences and significant items which distort period-on-period comparisons. Significant items are those items which management and investors would ordinarily identify and consider separately when assessing performance in order to better understand the underlying trends in the business.

Reconciliations between non-GAAP financial measurements and the most directly comparable measures under GAAP are provided in our 2017 Form 20-F, our 1Q 2018 Earnings Release furnished to the SEC on Form 6-K on 4 May 2018, the 2018 Interim Report, our 3Q 2018 Earnings Release furnished to the SEC on Form 6-K on 29 October 2018 and the corresponding Reconciliations of Non-GAAP Financial Measures document, each of which are available at www.hsbc.com.

Information in this Presentation was prepared as at 19 February 2019.

Issued by HSBC Holdings plc Group Investor Relations 8 Canada Square London E14 5HQ United Kingdom www.hsbc.com