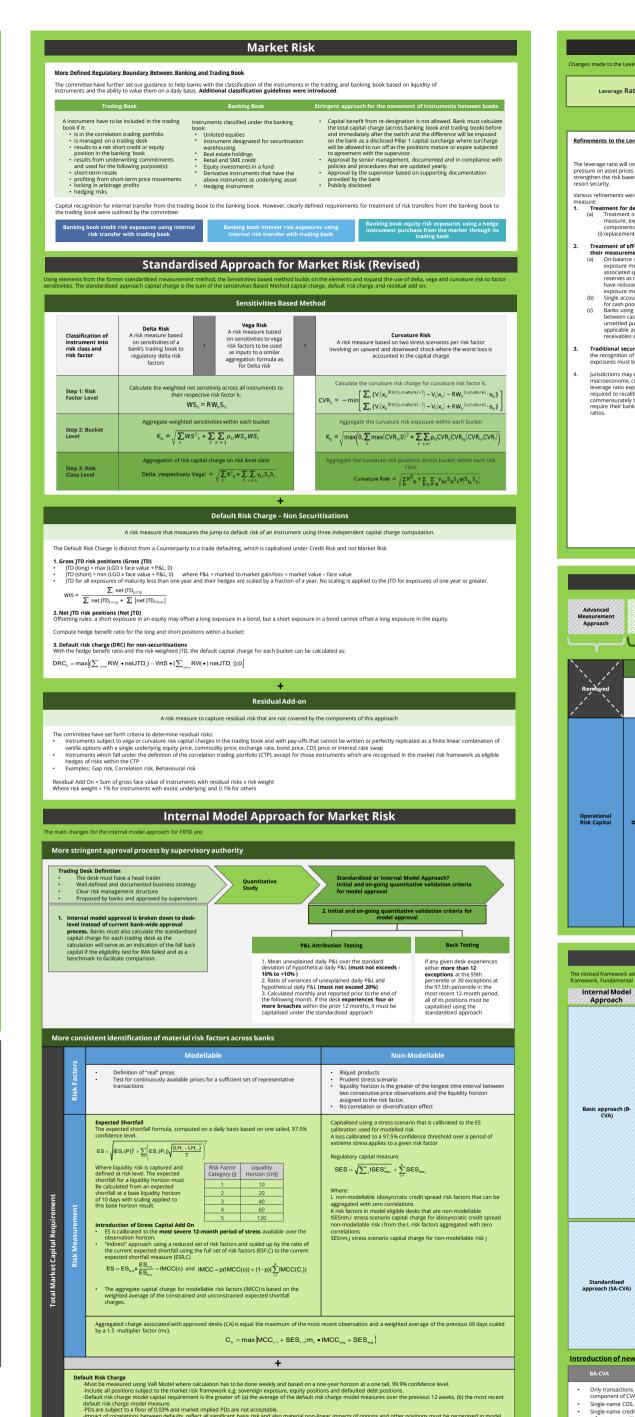


su Limited comprising Deloitte practices operating in Brunel, Cambodia, Guam, Indonesia, Lao PDR, Malaysia, ned to deliver measurable value to the particular demands of increasingly intra-regional and fast growing companies

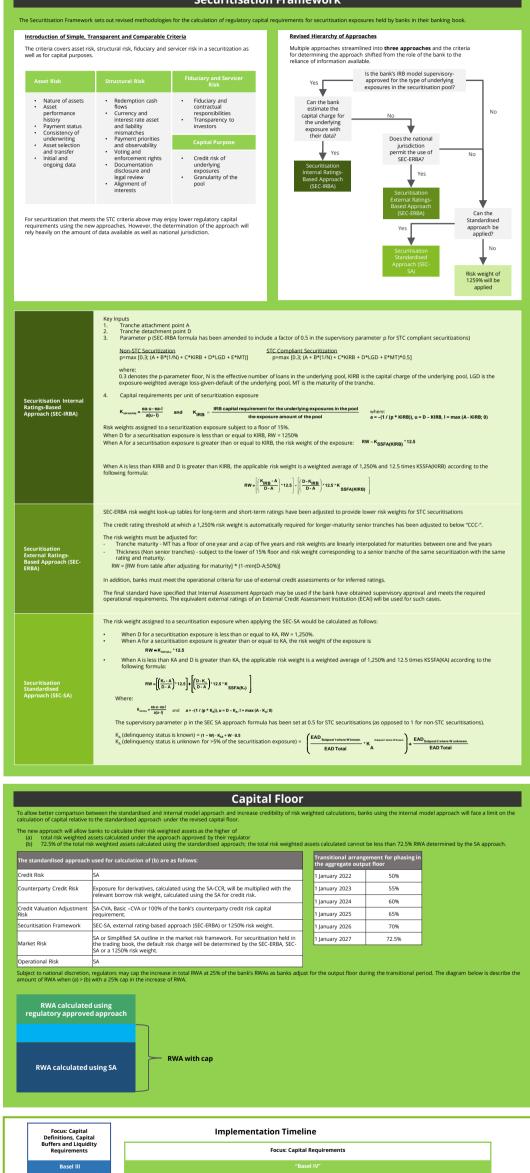
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andardised Approach – Sensitivities Based Method

<text></text>		Leverage Ra					Т
<section-header></section-header>	Leverage Pation	1 Capital					
<text></text>	1	7			7	7	
<text></text>	efinements to the Leverage Ratio Expo	jure Measure		Introduction of New Lever	age Ratio B	uffer for G-SIBs	_
	ressure on asset prices as banks rush to d rengthen the risk based capital requireme	eleverage in times of financial crisis and		SIBs and is in line with t	he risk-weigl	nted G-SIB buffer. The table below	The Securiti
<text></text>	arious refinements were made to the define neasure: . Treatment for derivatives exposur	re		CET4	by :	2019	Introduct The criter well as for
	measure, exposures to derivati components: (i) replacement cost (RC) and (ii) p	ives are included by means of two otential future					Asset
<text></text>	(a) On-balance sheet, non-derivati exposure measure at their acc	rdised approach to credit risk. we assets are included in the leverage ratio ounting values less deductions for			Lev	erage Ratio Buffer for G-SIBs	• Na • As pe
	reserves as defined in paragrap have reduced Tier 1 capital ma exposure measure (b) Single account balance or the i	oh 60 of the Basel III framework which y be deducted from the leverage ratio			Abs Buffer	orbency Requirement	Pa • Co • Un
	 Banks using trade date accoun between cash receivables for u unsettled purchases of financia 	insettled sales and cash payables for al assets that may be recognised under the		1 +1.0	% CET1	+0.50%	• As an • Ini on
	receivables and cash payables Traditional securitisations that do the recognition of risk transference of	not meet the operational requirements for or synthetic securitisations, the securitised					
	Jurisdictions may exercise national d macroeconomic circumstances to ex	iscretion in periods of exceptional empt central bank reserves from the		The minimum capital	conservatio	n standards for the CET1 risk-weighted	For securi requireme
	required to recalibrate the minimum commensurately to offset the impac require their banks to disclose the in	leverage ratio requirement t of excluding central bank reserves, and		requirements and Tie first bucket of the high	r 1 leverage	ratio requirements of a G-SIB in the	rely heavi
				meet one of these requirements , it will be subject to the	Weight	I Risk Tier 1 Leverage Capital ed Ratio Ratio Conservation Ratios	
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$				associated minimum capital conservation requirement (expressed as a	8.000% -	7.125% 3.500% - 3.375% 40%	
<text><text><text></text></text></text>				earnings).If the G-SIB does not			
<page-header><section-header></section-header></page-header>				requirements, it will be subject to the higher of the two associated			
<section-header></section-header>							
		Operational	Risk	Framework			Securitisa Ratings-B Approach
<complex-block><complex-block><complex-block></complex-block></complex-block></complex-block>							
<complex-block><text><text></text></text></complex-block>		ator Approach (BIA) The	e Standard	dised Approach (TSA)	Alt	ernative Standardised Approach (ASA)	
<complex-block><text><text></text></text></complex-block>		New Standar	disod Me	easurement Approach ((SMA)		
<complex-block></complex-block>	Removed The new stand (internal loss mult	ardised approach is an accounting measure b	ased on the reases in a	ne bank's income (business india an increasing rate with bank's in	cator compo icome and t	ne likelihood of incurring operational risk	
<complex-block></complex-block>		Therefore, the opera	ational risk	capital requirement formula d			Securitisa External I Based Ap
<complex-block></complex-block>			_			A bank's internal operational risk loss experience affects the calculation of	ERBA)
<complex-block></complex-block>		(ILDC) = Abs (Interest Income – Interest		e buckets to derive BIC:		Loss Component = 15 x average annual operational risk losses incurred	
<complex-block> Participant</complex-block>	2.25%*1	nterest Earning Assets] + Dividend Income		et BI Range Coefficient		over the past ten years.	
Image: Description of the structure integring of the structure integrind of the structure integring of the structure integri	Risk Capital = Ma	x [Other Operating Income ; X Operating Expense] + Max [Fee		Next €1 billion	x	(0.8)	
Prime result Prim result Prim result	of the SM	ion still enhances the risk sensitivity A in respect to the current simple	3			LC < BIC LC < BIC capital required	Securitisa Standardi Approach
<text><text><text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text>	Operating the t	reatment differs with volume.				is equal to BIC	
<text><section-header></section-header></text>	_ <u>Fi</u> Abs (Net	t P&L Trading Book + Abs (Net P&L				LC < BIC risk capital required as internal losses are incorporated into the	
<text> Support Support (Signature) (Signatu</text>						1	
<section-header> Image: Propertion of the signed to simply by CA C where the signed to sis simply by CA C where the signed to simply by CA</section-header>		exposure component of CVA risks that was prev			: with the ap	proach set out by the revised market risk	To allow bett
capital calculations as a conservative means to restrict hedging efficiency, so all banks using the BA-CVA must make these calculations. 1. Reduced version eliminates hedging recognition $\begin{aligned} & \nabla_{naturel} = \sqrt{\left(\sum_{n}^{\infty} \sum_{n \in \mathcal{N}} (\sum_{n}^{n} \sum_{i}^{n} \sum_{j \in \mathcal{N}} (\sum_{n}^{n} \sum_{i}^{n} \sum_{j \in \mathcal{N}} (\sum_{n}^{n} \sum_{j}^{n} \sum_{i}^{n} \sum_{j \in \mathcal{N}} (\sum_{i}^{n} \sum_{j}^{n} \sum_{i}^{n} \sum_{j \in \mathcal{N}} (\sum_{i}^{n} \sum_{j}^{n} \sum_{j \in \mathcal{N}} (\sum_{i}^{n} \sum_{i}^{n} \sum_$	Internal Model	Book.		Removed			The new app (a) tota
1. Reduct events animate the reging reception K- second = $\sqrt{(C + \sum_{n} \leq C + A_n)^2 + (1 - P)^2} \sum_{n} \leq C + A_n^2}$ where the supervisory risk weights (RW4) are given by: $\frac{1}{1 + C + A_n + C + A_n^2} + \frac{1}{1 + C + C + A_n^2} + \frac{1}{1 + C + C + A_n^2} + \frac{1}{1 + C + A_n^2} $	capital cale	culations as a conservative means to restrict he	edging effic				The standar
Sumparticity				vhere the supervisory risk weigh	nts (RWc) are	given by:	Counterparty
Basic approach (B- CVA) Financials including government backed financials 5.0% 12.0% 5.0% 12.0% Basic metrics, energy, indistribute, agriculture, manufacturing, mining and quarying 3.0% 7.0% 8.5% Consumer goods and services, transportation and storage, administrative and support service activities 3.0% 7.0% 8.5% Technology, telecommunications 1.5% 5.0% 12.0% S.0% 12.0% Others 1.5% 5.0% 12.0% S.0% 12.0% Subject to the constraint of the constraintof the constraint of the constraint of the constraint o		2	Sector of c			IG HY and NR	Credit Valuat Risk Securitisation
Standardised approach (SA-CVA) SA-CVA SA-CVA Standardised approach (SA-CVA) SA-CVA SA-CVA Not part to the purpose of mitigating the counterparty credit spread Not part to the spread risk to the full version of the counterparty approach heights Standardised to the purpose of mitigating the counterparty credit spread is the time of to cash the full version of the counterparty approach heights Standardised to cash the full version of the capital requirements for CVA risk Kout is calculated as follows: Figure and the capital requirement for CVA risk Kout is calculated as the sum of the capital requirements for delta and vega risks calculated for the entire CVA portfolio (including eligible heights). The SA-CVA capital requirement is calculated as the sum of the capital requirements for delta and vega risks calculated for the entire CVA portfolio (including). Note that there is no vega capital requirements for delta and vega risks calculated in the purpose of mitigating the counterparty credit spreads (10, credit spread risk.) Inclusion receive the capital requirement for delta risk is calculated as the simple sum of delta capital requirements calculated independently for the following six risk types: (i) merear trace (ii); (ii) foreign exchange (if); (iii) counterparty credit spreads (10, credit spread risk.) Inclusion receive the capital requirement for delta risk is calculated as the simple sum of delta capital requirements calculated in the explain requirement for delta risk is calculated and purpose risk is calculated and the purpose of mitigating the counterparty credit spread risk. Inclusion receive the capital requirement for the capital requirement for the buckets and correlation parameters pki applicable to each risk type "k = mode	Basic approach (B-	Financials including government backed finan Basic materials, energy, industrials, agriculture	icials e, manufac	cturing, mining and quarrying		5.0% 12.0% 3.0% 7.0%	Market Risk
Banks that intend for use the full version of BA-CVA must calculate Keedweed as well. Under the full version, capital requirement for CVA risk Kue is calculated as follows: $K_{k,ll} = \beta \cdot K_{red,kced} + (1 - \beta) \cdot K_{nedged}$ Where: $K_{hedged} = \sqrt{\left(\rho \cdot \sum_{\pi} (SCVA_{\pi} - SNH_{\nu}) - IH\right)^{2} + (1 - \rho^{2}) \sum_{\pi} (SCVA_{\pi} - SNH_{\nu})^{2} + \sum_{\pi} HMA_{\pi}} and SNH_{\pi} = \sum_{\pi, t \in \pi^{n}} RW_{\pi} \cdot M_{\pi}^{(24)} \cdot B_{\pi}^{(24)} \cdot DF_{\pi}^{(24)}}$ The SA-CVA capital requirement is calculated as the sum of the capital requirements for delta and vega risks calculated for the entire CVA portfolio (including eligible hedges). The sch CVA capital requirement is calculated as the simple sum of delta capital requirements calculated independently for the following six risk hypes: (i) interest rate (BK; (i) foreign exchange (PX; (ii) counterparty credit spreads (i.e.		Technology, telecommunications Healthcare, utilities, professional and technica Others	al activities			2.0% 5.5% 1.5% 5.0%	Subject to na amount of RV
Where: $K_{\text{redged}} = \sqrt{\left(p^2 \cdot \sum_{c} (SCVA_c - SNH_c) - H \right)^2 + (1 - p^2) \sum_{c} (SCVA_c - SNH_c)^2 + \sum_{c} HM_c}}_{\text{and}} \text{ and } SNH_c = \sum_{h \in C} r_{hc} \cdot RW_h \cdot M_h^{(2)} \cdot B_h^{(2)} \cdot DF_h^{(2)}}_{\text{and}}$		Banks that intend to use the full version of BA- s calculated as follows:	hedges CVA must o	calculate Kreduced as well. Under	r the full ver	sion, capital requirement for CVA risk Krull	RV regulat
Standardised approach (SA-CVA) The SA-CVA capital requirement is calculated as the sum of the capital requirements for delta and vega risks calculated for the entire CVA portfolio (including eligible hedges). Standardised approach (SA-CVA) The SA-CVA capital requirement is calculated as the simple sum of delta capital requirements calculated independently for the following six risk types: (i) interest rate (BR; (ii) foreign exchange (PX) (iii) counterparty credit spreads (i.e. credit spreads (i.e	, ,	Where:	$+(1-\rho^2)$	$(SCVA_c - SNH_c)^2 + \Sigma $	HMAc	$SNH_{\mu} = \sum r_{\mu\nu} \cdot RW_{\mu} \cdot M_{\mu} SN \cdot B_{\mu} SN \cdot DF_{\mu} SN$	
finduding eligible hedges). The capital requirement for delta risk is calculated as the simple sum of delta capital requirements calculated independently for the following six risk type: (i) interst rate (IB): (ii) foreign exchange (FX): (iii) counterparty credit spreads; (iv) reference credit spreads (i.e. credit spreads that drive exposure); (v) equity; (v) commodily. Note that there is no vega capital requirement for counterparty credit spread risk. 1. Obtain the weighted sensitivities CVA WSA and Hdg WSa for each risk factor k by multiplying the net sensitivities by the corresponding risk weight $WS_n = WS_n = WS_n + WS_n^{-1/3}$. 2. Weighted sensitivities must be aggregated into a capital charge Kb within each buckets the buckets and correlation parameters pkl applicable to each risk type $W_n = W_{N-1} = W_{N-1} + \sum_{k \in U} [(WS_n^{-1/3})^2]$. 3. Bucket-level capital charges must then be aggregated across buckets within each buckets (IBC (WS_n^{-1/3})^2]. 3. Bucket-level capital charges must then be aggregated across buckets within each risk type (the correlation parameters y bc applicable to each risk type $K = m_{CN-1} \sqrt{\frac{1}{2}K_1^2 + \sum_{k \in S \in D} K_{k-1} + K_{k-1} $							RWA
Standardised approach (SA-CVA) 1. Obtain the weighted sensitivities CVA WSk and Hdg WSk for each risk factor k by multiplying the net sensitivities by the corresponding risk weight $W_{N_{n}} = W_{N_{n}}^{(N_{n})} + WS_{n}^{(N_{n})} = W_{N_{n}} + S_{n}^{(N_{n})}$ and $WS_{n}^{(H_{n})} = RW_{n} + S_{n}^{(H_{n})}$ 2. Weighted sensitivities must be aggregated into a capital charge Kb within each bucket b (the buckets and correlation parameters pkl applicable to each risk type $K_{U} = \sqrt{\left \sum_{k=0}^{L} W_{n}^{(k)} + \sum_{k \in U} \sum_{k \in U \neq k} W_{n}^{(k)} \cdot WS_{n}^{(k)} + 1 + \sum_{k \in U} \left[(WS_{k}^{(H_{n})})^{2}\right]}$ 3. Bucket-level capital charges must then be aggregated across buckets within each risk type (the correlation parameters y bc applicable to each risk type $K = m_{O,N_{n}^{(k)} \sqrt{\sum_{k} K_{n}^{(k)} + \sum_{k \neq x \neq y} \sum_{k \in V_{n}^{(k)} \cdot K_{k}}}$ DACVA • Only transactions used for the purpose of mitigating the counterparty credit spread component of CVA risk Single-name CDS, single-name contingent CDS and index CDS • Whole transactions that are used for the purpose of mitigating CVA risk • Hedges of both the counterparty credit spread and exposure components of CVA risk can be eligible.	(including The capita types: (i) in	eligible hedges). Il requirement for delta risk is calculated as the iterest rate (IR); (ii) foreign exchange (FX); (iii) co	simple sur	um of delta capital requirements ty credit spreads; (iv) reference	s calculated credit sprea	independently for the following six risk	
2. Weighted sensitivities must be aggregated into a capital charge Kb within each bucket b (the buckets and correlation parameters pkl applicable to each risk type $K_b = \sqrt{\left \sum_{k=0}^{\infty} W_{k-1}^{k} + \sum_{k \in b} E_{k-1} + K_{k-1}^{k} + \sum_{k \in b} E_{k-1} + K_{k-1}^{k} + \sum_{k \in b} W_{k-1}^{k} + W_{k-1}^{k} $	1. Obtain t	the weighted sensitivities CVA WSk and Hdg WS	Sk for each	risk factor k by multiplying the		ties by the corresponding risk weight	
3. Bucket-level capital charges must then be aggregated across buckets within each risk type (the correlation parameters y bc applicable to each risk type	2. Weighte	d sensitivities must be aggregated into a capit	al charge K	Kb within each bucket b (the bu	ickets and co	prrelation parameters pkl applicable to	De But
troduction of new eligibility criteria for CVA hedges BA-CVA SA-CVA Only transactions used for the purpose of mitigating the counterparty credit spread component of CVA risk Hedges of both the counterparty credit spread and exposure components of CVA risk can be eligible.		evel capital charges must then be aggregated			correlation p	arameters y bc applicable to each risk	
Only transactions used for the purpose of mitigating the counterparty credit spread Only transactions that are used for the purpose of mitigating CVA risk Hedges of both the counterparty credit spread and exposure components of Single-name CDS, single-name CDS and index CDS	troduction of new eligibility crit	1		5A 61/A			201
Single-name CDS, single-name contingent CDS and index CDS CVA risk can be eligible. CVA risk can be eligible.	 Only transactions used for the purpo component of CVA risk 		d	 Whole transactions that Hedges of both the cour 			1 Janu Full im Levera
 Single-rame creat instruments musc (preference in counterparty arecuy; (ii) reference an entity teal) reference an entity teal result of the counterparty or (ii) reference an entity that belongs to the same sector and region as the counterparty 	 Single-name CDS, single-name contii Single-name credit instruments mus reference an entity legally related to 	t: (i) reference the counterparty directly; (ii) the counterparty; or (iii) reference an entity th	at	 CVA risk can be eligible. Instruments that cannot market risk under the re 	be included	in the Internal Model Approach for t risk standard (e.g. tranched credit	(Existi definit
troduction of a materiality threshold his that has an agregate notional amount of non-centrally cleared derivatives less than or equal to €100 billion may choose to set it's CVA capital equal to 100% of the bank's capital	troduction of a materiality thre	shold	n or equal t				
uirement for Counterparty Credit Risk	uirement for Counterparty Credit Risk						

HE NEW "BASEL IV" VHAT CHANGED? Securitisation Framework



2021 2022 2023 2024 2025 2026

Output floor: 55%

Output floor: 60%

Output floor:72.5%

Output floor: 70%

Output floor: 65%