## Solvency II Update

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#### **Forward Looking Statements**

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### Key messages



- Solvency II approvals successfully address areas most critical to Prudential
- Solvency II outcome confirms strength and resilience of the Group's capital position
- Drivers of capital generation and consumption for Asia, US and M&G are unaffected
- UK in-force expected capital generation is not materially impacted
- Group remains highly capital and cash generative
- Group strategy and dividend policy unchanged



### Key areas of uncertainty remained in August 2015



- Internal model submitted in June
- PRA decision expected in December
- Strong 1H15 Solvency II capital generation

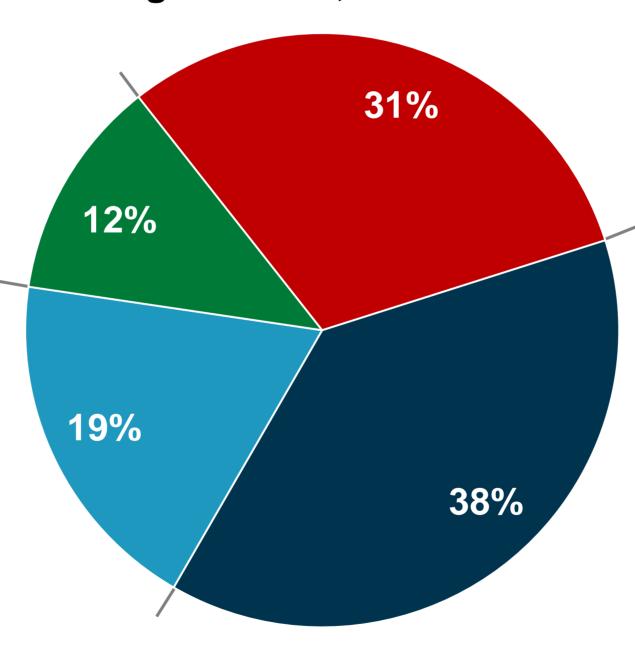
#### **UK Asset Management & GI**

- Unaffected by Solvency II
- Continue to adopt existing sectoral rules
- Cash / capital driven by earnings

#### **UK Life**

- Risk margin and transitional broadly offset
- PRA confirmed transitional 'good' capital for UK remittances
- Capital generation underpinned by resilient withprofit transfer
- Selective approach to bulks, with reinsurance





#### Asia

- Health and Protection business Solvency II 'friendly'
- 'Prudent' local statutory basis remains 'biting' constraint
  - ▶£1.4bn of free surplus 'stock'
- Key question is how much of the £10bn VIF can be included additionally
  - ➤ Based on Solvency II methodology
  - ➤ After 1-200 event
- Cash / capital movement will continue to be driven by free surplus generation

#### US

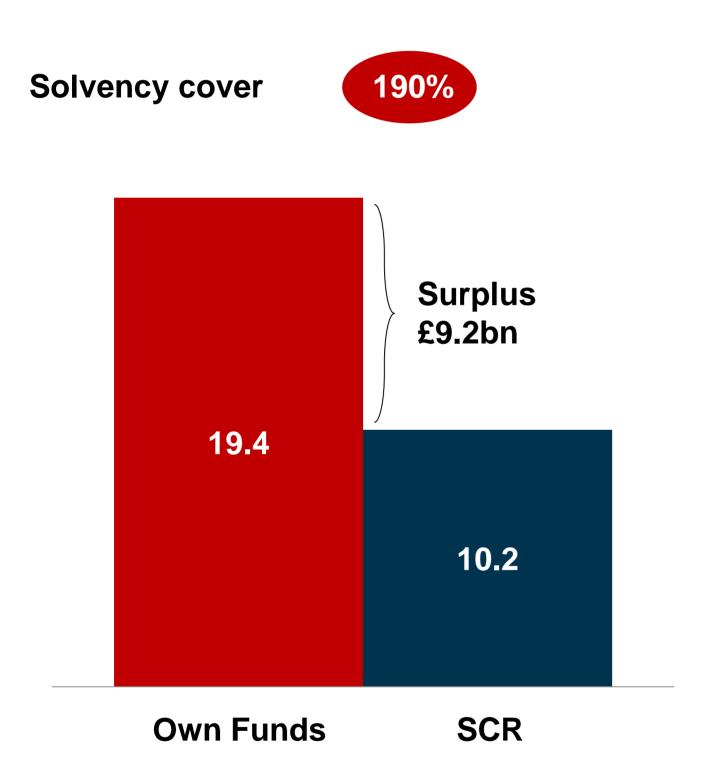
- US statutory (RBC) treated as equivalent
- Deduction and Aggregation gives no credit for diversification benefit between Jackson and Group
- Cash / capital management unaffected



### A strong Solvency II capital position



Estimated Group Solvency II capital position<sup>1,2</sup> HY15, £bn







<sup>2</sup> Before allowing for the 2015 interim dividend

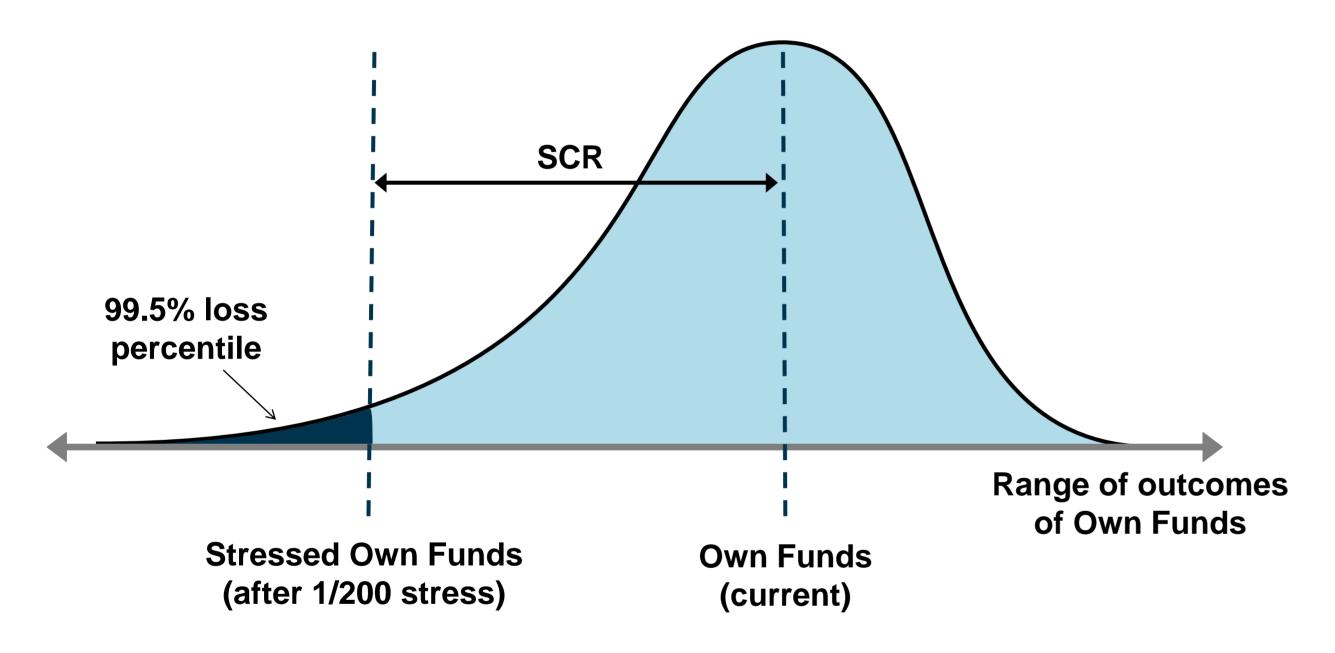


<sup>1</sup> Excludes surplus in ring-fenced policyholder funds

### Solvency II framed to demonstrate ability to withstand severe stress



#### **Probability distribution of Own Funds (illustrative)**



Solvency II uses a market consistent approach, where the Solvency Capital Requirement (SCR) measures the potential reduction in the value of Own Funds over 1 year, in an adverse 1/200 year event, taking into account all quantifiable risks

#### Own Funds are calculated following 1/200 year stress events over 1 year

Example 1/200 year stress events (stand alone)	UK	Asia <sup>1</sup>	
Equity markets	-47%	-58% to -72%	
Fall in long term interest rates	-108bp	-69bp to -364bp	
Credit spreads ('A' rated <sup>2</sup> )	+259bp to +434bp	+309bp	
UK longevity <sup>3</sup> (male aged 65)	+2.5 years	n/a	
Lapse rates <sup>3</sup> (all future years)	+70%	+40% to +75%	
Mass lapses	20%	20%	

<sup>3</sup> Represents the change in long-term assumptions used to calculate best estimate liabilities



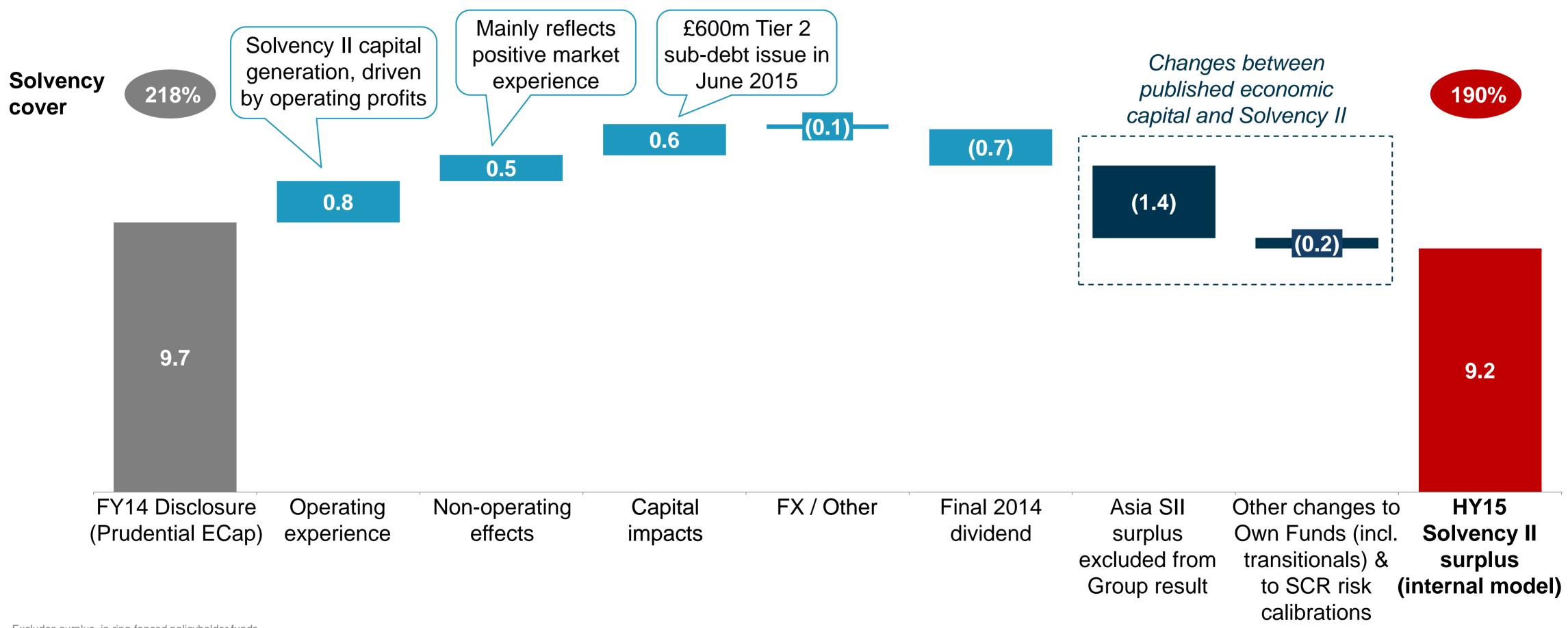
<sup>1</sup> Range represents variations in stresses used by country / product

<sup>2</sup> Range represents variation by term bucket and fund composition

### Capital generation mitigates impact of approval calibrations







<sup>1</sup> Excludes surplus in ring-fenced policyholder funds

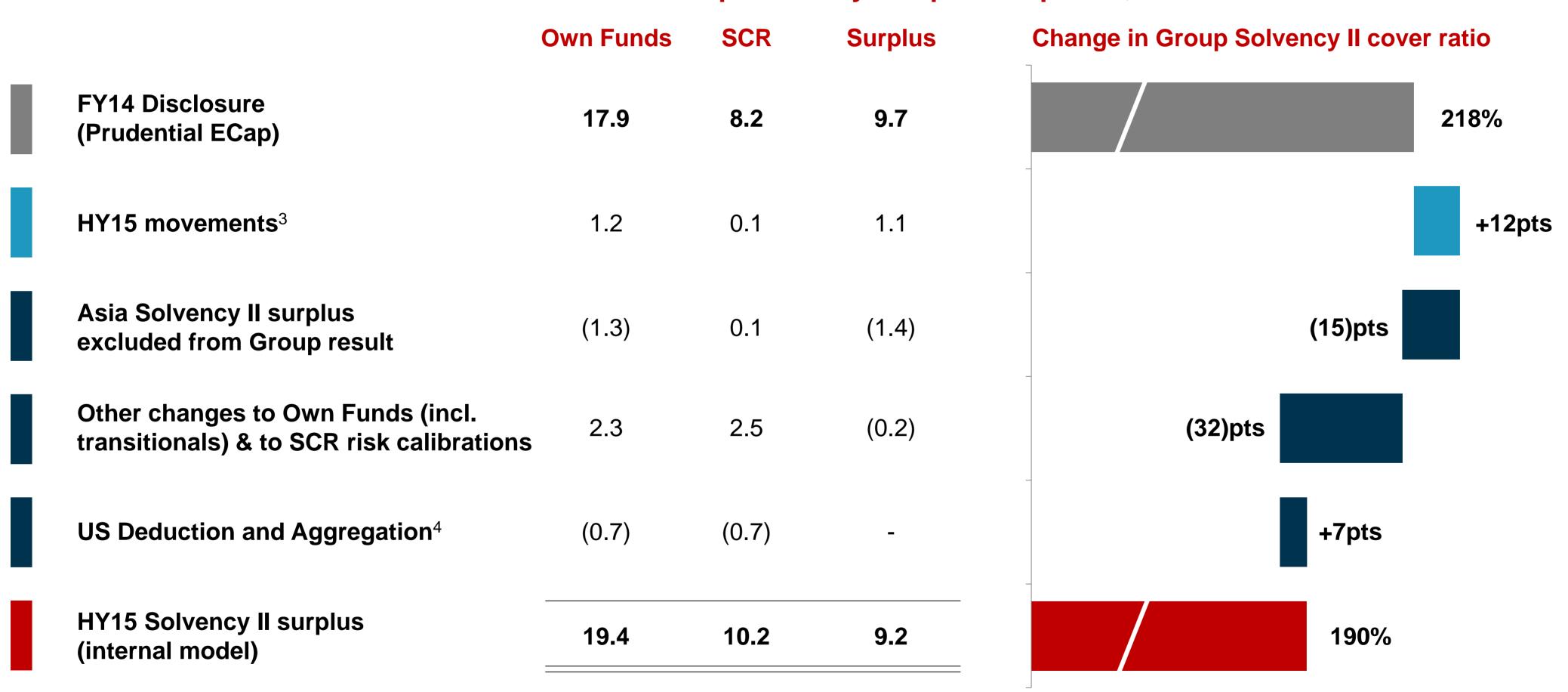
<sup>2</sup> Before allowing for the 2015 interim dividend



### A strong Solvency II capital position



#### Estimated Group Solvency II capital surplus<sup>1,2</sup>, £bn



<sup>1</sup> Excludes surplus in ring-fenced policyholder funds

<sup>4</sup> For Jackson, Solvency II recognises surplus in excess of 250% of the RBC Company Action Level (RBC CAL). This is achieved by incorporating in OF Jackson's Total Adjusted Capital less 100% of RBC CAL with 150% of RBC CAL included in the SCR



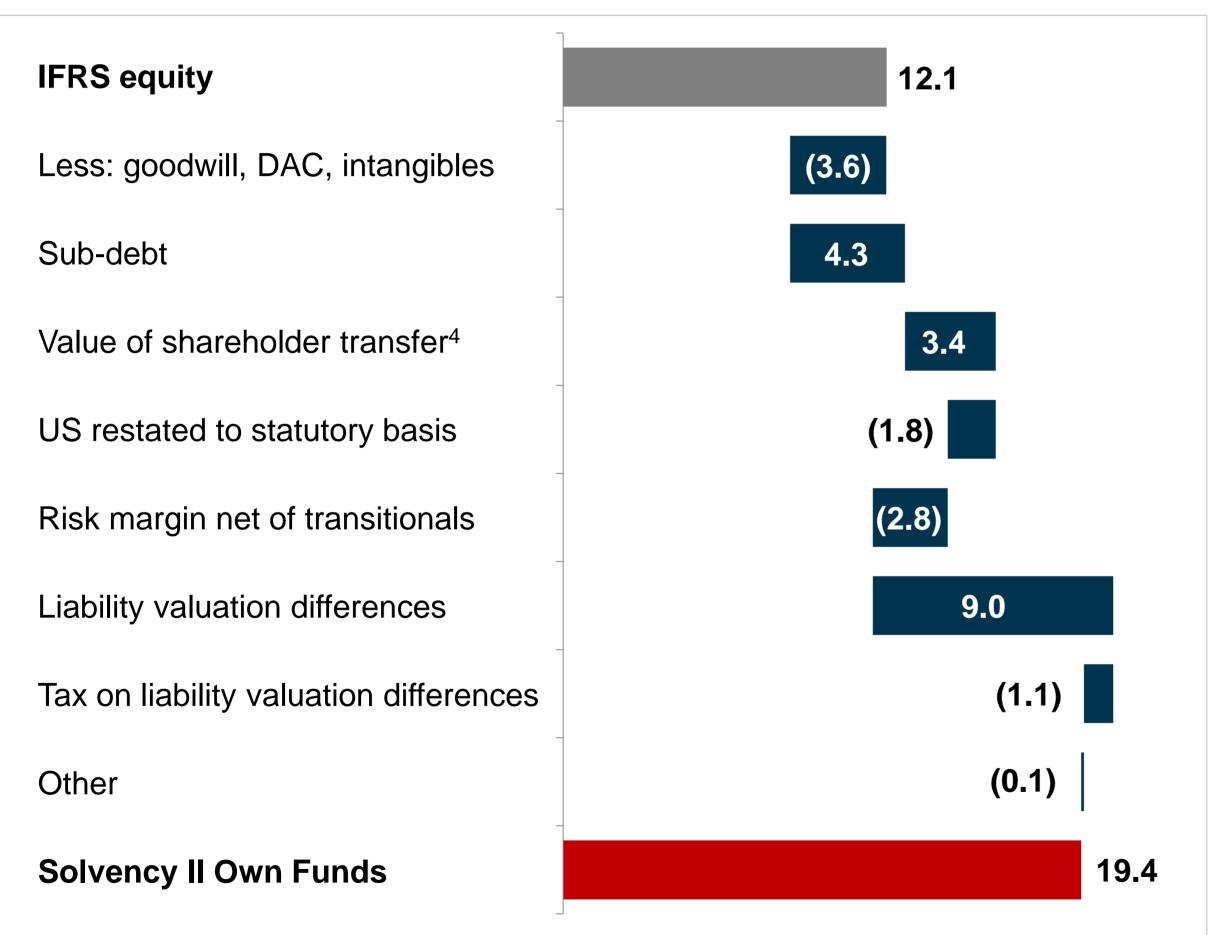
<sup>2</sup> Before allowing for the 2015 interim dividend

<sup>3</sup> HY15 operating and non-operating experience, capital impacts, FX, 2014 final dividend and other immaterial items

### Well-diversified risks



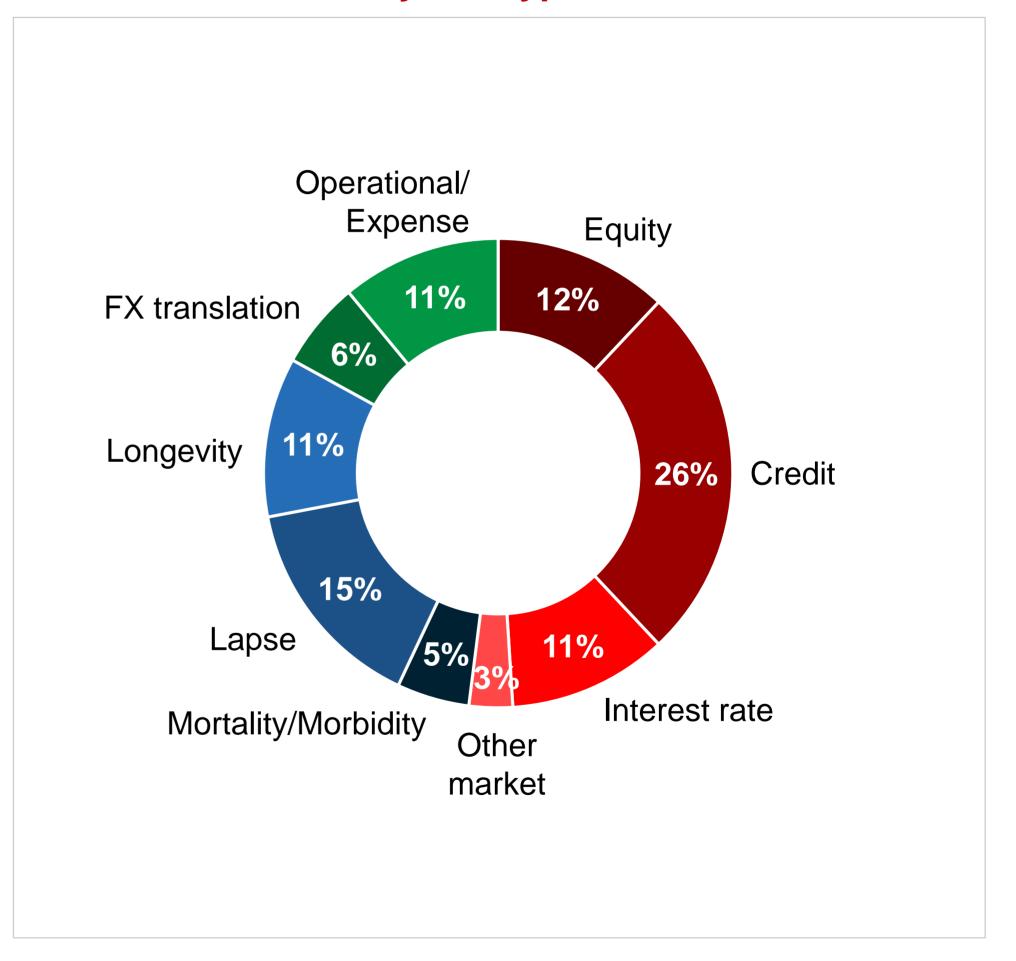
#### Reconciliation of IFRS equity to Solvency II Own Funds<sup>1,2</sup>, HY15 £bn





<sup>1</sup> Excludes surplus in ring-fenced policyholder funds 2 Before allowing for the 2015 interim dividend

#### SCR by risk type<sup>3</sup>, HY15





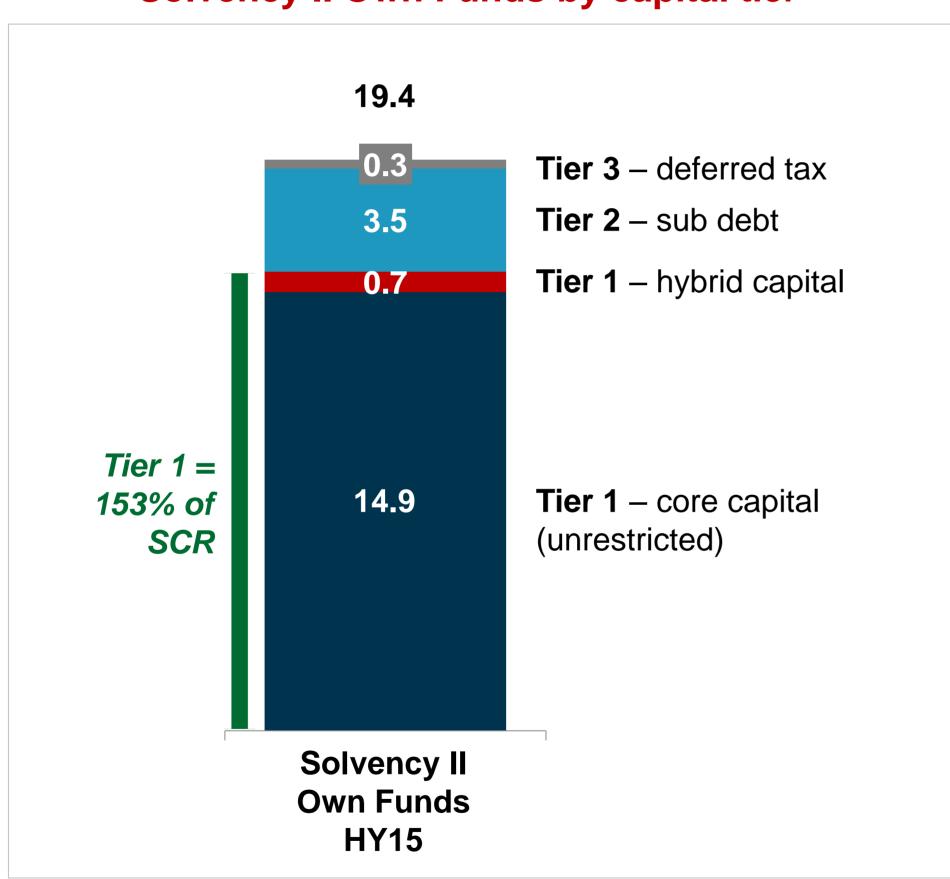
<sup>3</sup> Solvency II undiversified solvency capital requirement

<sup>4</sup> Excludes the shareholder interest in the UK with-profits inherited estate of £0.7bn

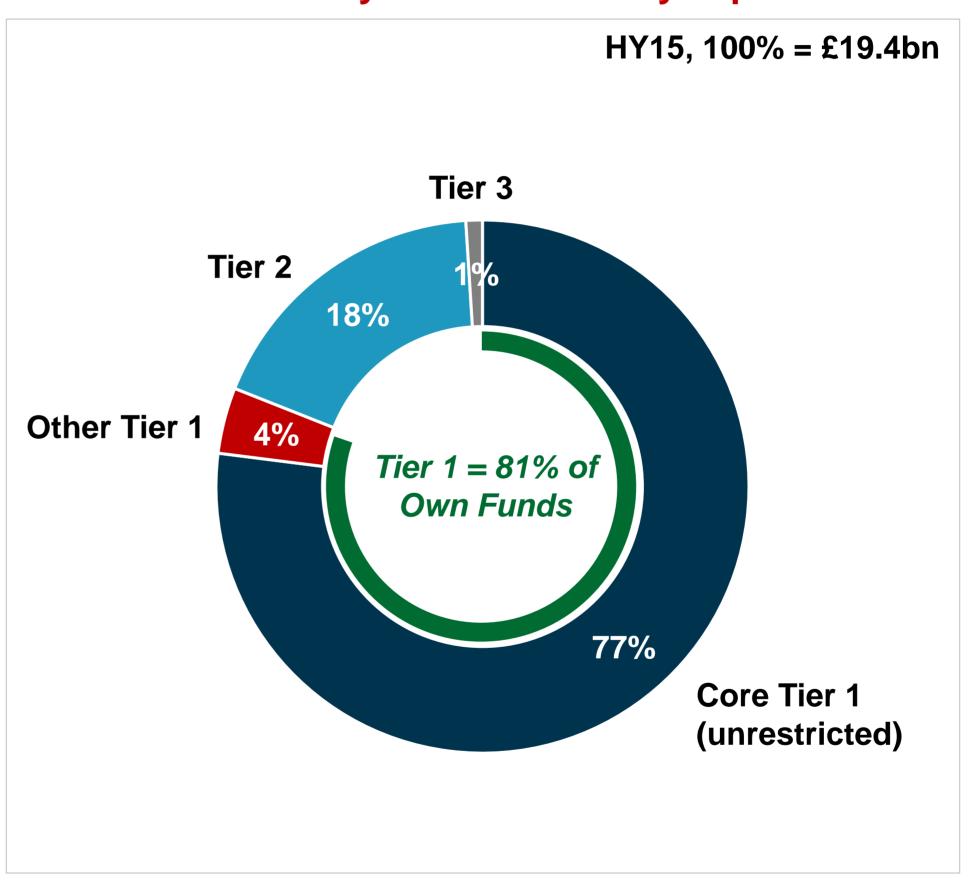
### High quality capital



#### Solvency II Own Funds by capital tier<sup>1,2</sup>



### **Share of Solvency II Own Funds by capital tier**<sup>1,2</sup>



<sup>2</sup> Before allowing for the 2015 interim dividend



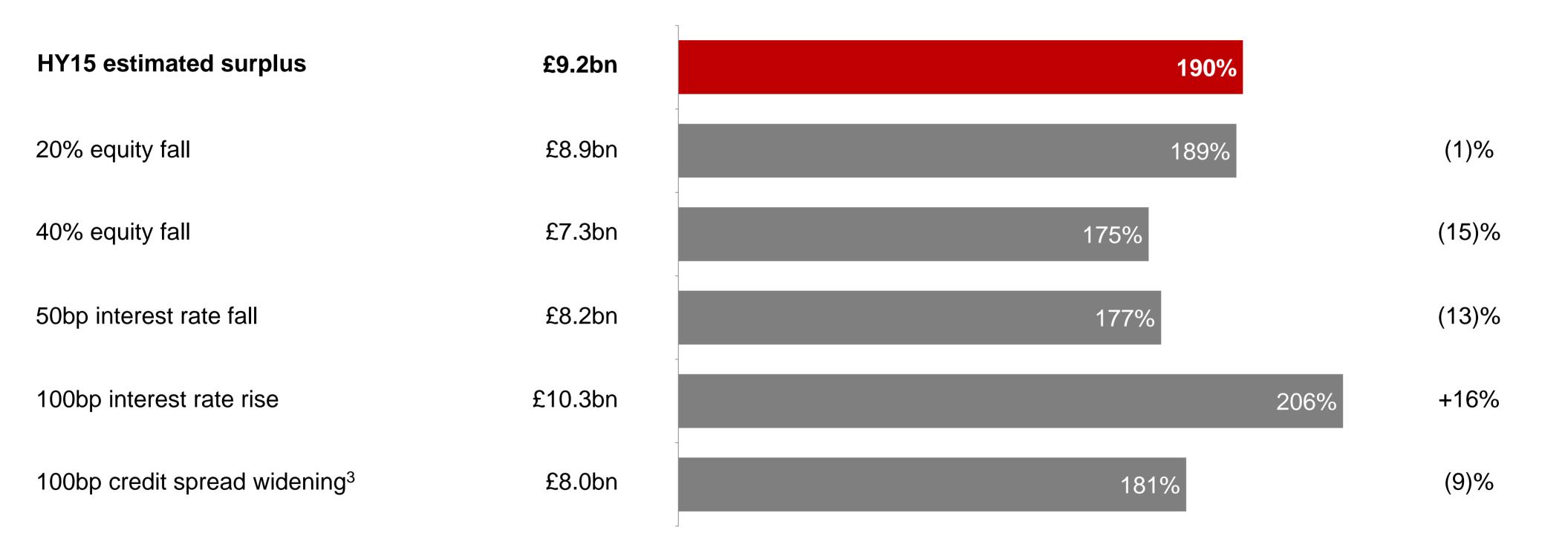
<sup>1</sup> Excludes surplus in ring-fenced policyholder funds

# Solvency II: Overview Resilient capital position



#### Estimated Group Solvency II surplus<sup>1,2</sup>





<sup>3</sup> For Jackson, includes credit defaults of 10 times the expected level. For the UK, transitionals are assumed to be recalculated in response to changes in interest rates

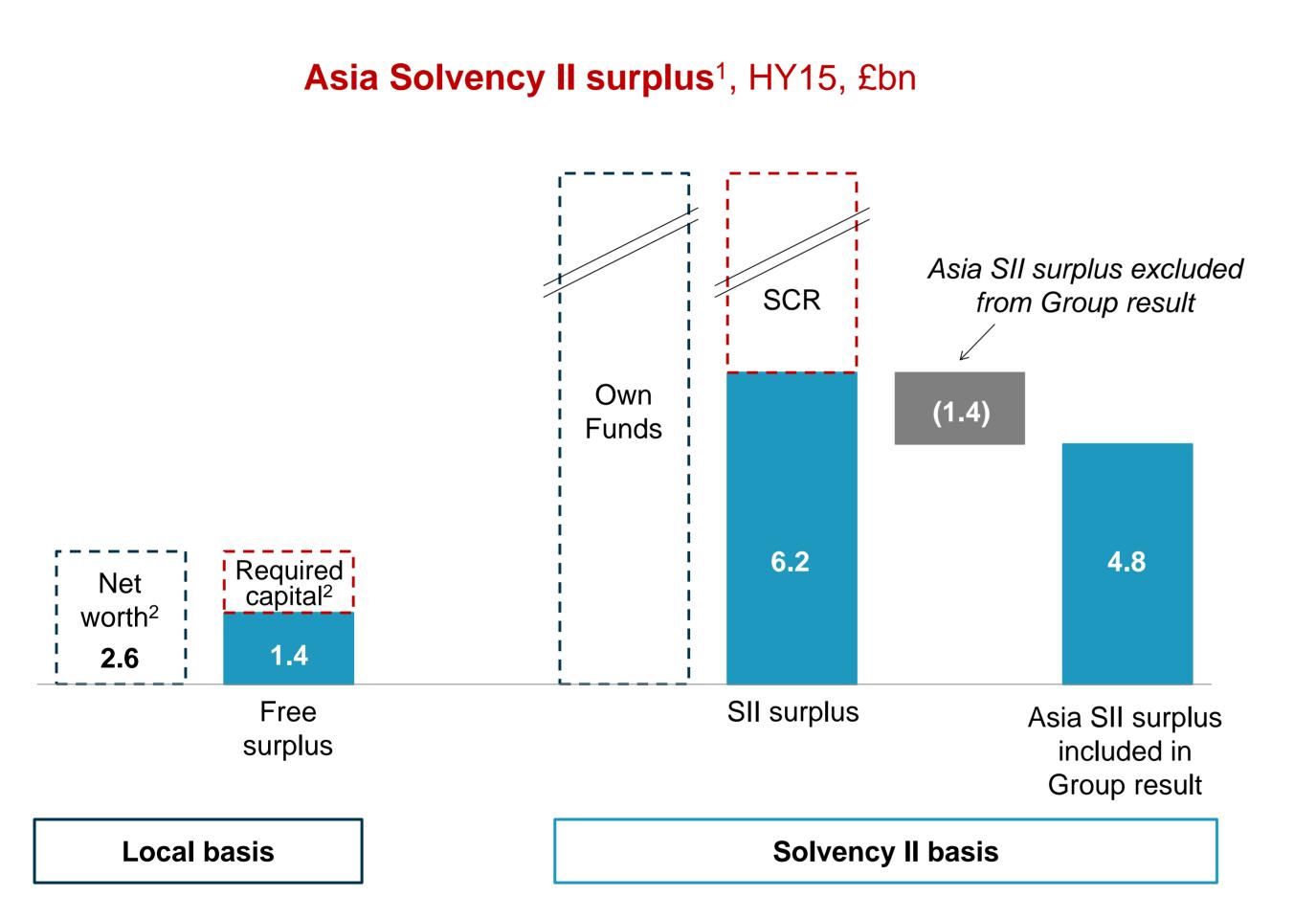


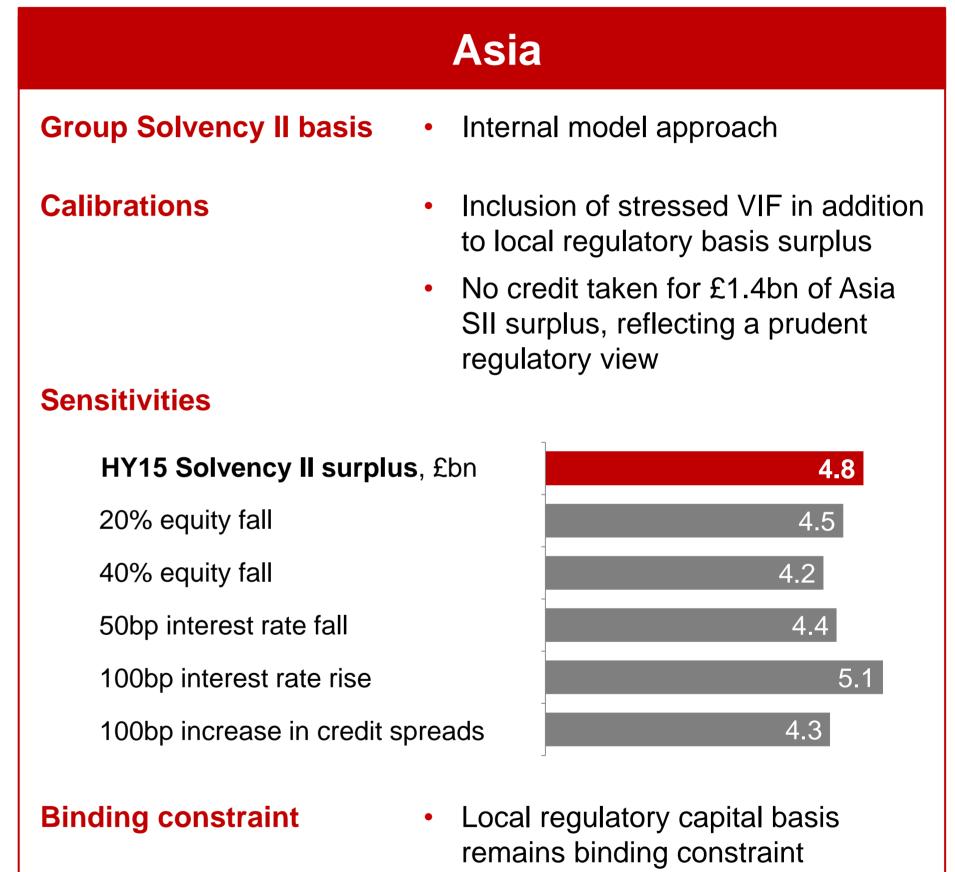
<sup>1</sup> Excludes surplus in ring-fenced policyholder funds

<sup>2</sup> Before allowing for the 2015 interim dividend

### Asia excluded surplus not a constraint







<sup>2</sup> Based on Group free surplus disclosure at HY15, with aggregate reported net worth of £2.6 billion and aggregate required capital of £1.2 billion

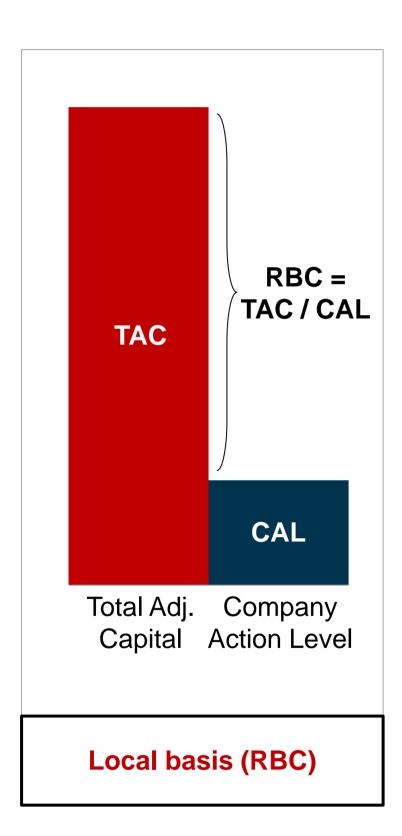


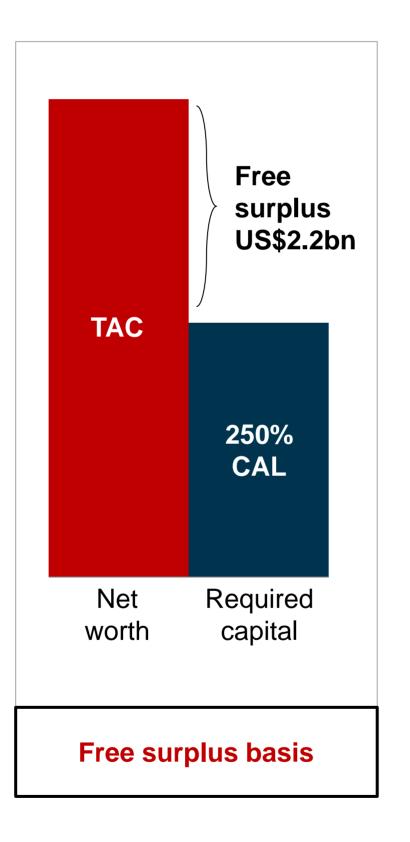
<sup>1</sup> Comprises life entities in Cambodia, China, Hong Kong, India, Indonesia, Korea, Malaysia, the Philippines, Singapore, Taiwan, Thailand, Vietnam. Excludes Eastspring Investments

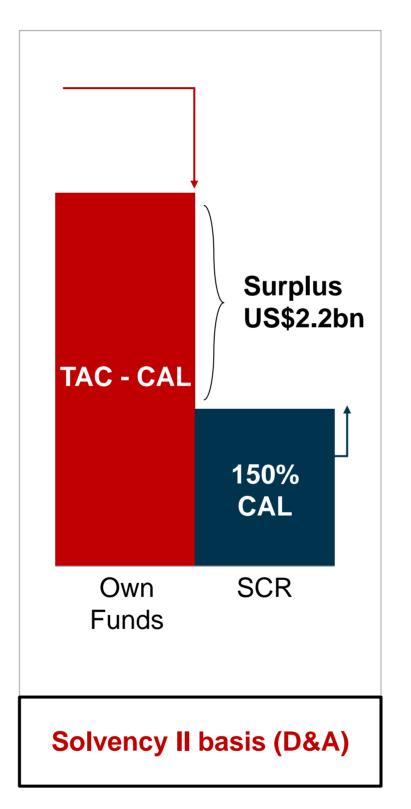
### Contribution from Jackson in line with current free surplus basis



#### US solvency surplus<sup>1</sup>, HY15, US\$bn







US				
Group Solvency II basis	<ul> <li>US equivalence (Deduction and Aggregation approach)</li> </ul>			
Calibrations	<ul> <li>Continue to recognise surplus in excess of 250% RBC Company Action Level</li> <li>No allowance for diversification benefit with rest of Group</li> </ul>			
Sensitivities	<ul> <li>RBC ratio remains &gt;350% for published market stresses</li> </ul>			
Binding constraint	RBC remains binding constraint			

1 Relates to Jackson National Life







	Asia	US	M&G		
Group Solvency II basis	Internal model approach	US equivalence (Deduction and Aggregation)	Capital Requirements Directive (CRD IV)		
Calibrations	<ul> <li>Inclusion of stressed VIF in addition to local regulatory basis surplus</li> <li>No credit taken for £1.4bn of Asia SII surplus, reflecting a prudent regulatory view</li> </ul>	<ul> <li>Continue to recognise surplus in excess of 250% RBC Company Action Level<sup>1</sup></li> <li>No allowance for diversification benefit with rest of Group</li> </ul>	No change in calculation of surplus, which is modest relative to life businesses		
Sensitivities	<ul> <li>Solvency II surplus &gt;3x local basis for published market stresses</li> </ul>	RBC remains >350% for published market stresses	• n/a		
Binding constraint	<ul> <li>Local regulatory capital basis remains binding constraint</li> </ul>	RBC remains binding constraint	CRD remains binding constraint		

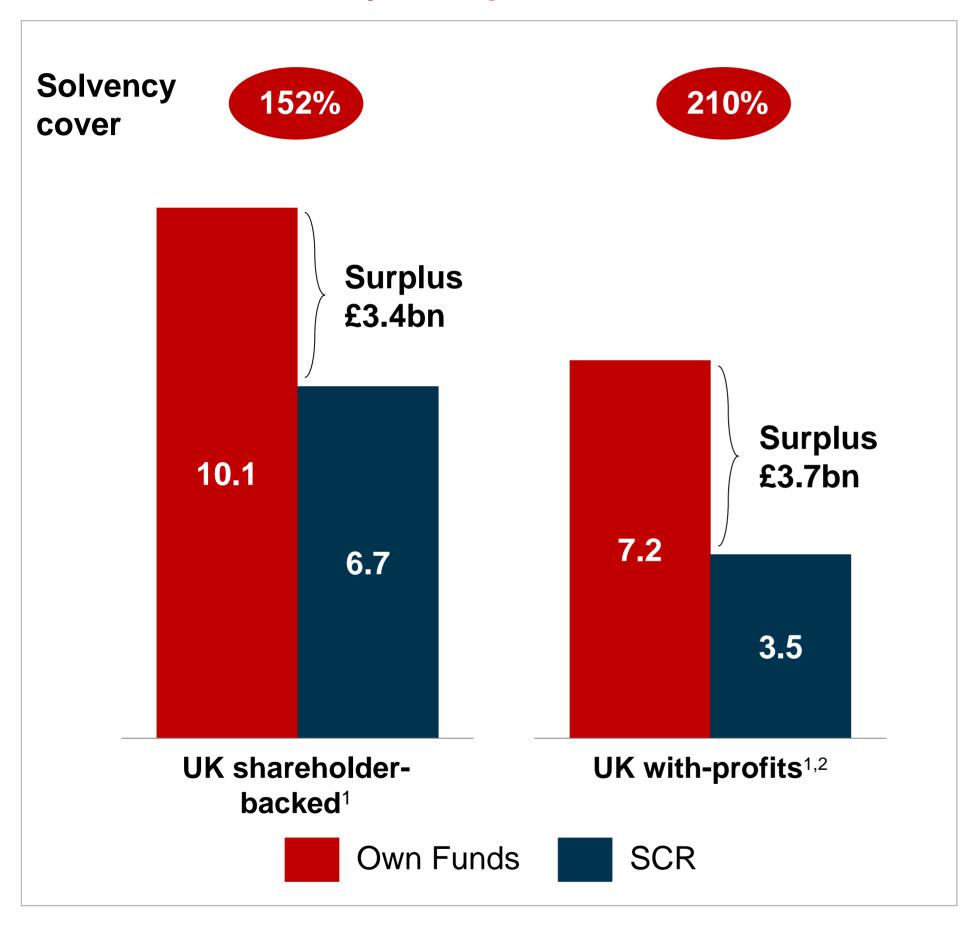
<sup>1</sup> For Jackson, Solvency II recognises surplus in excess of 250% of the RBC Company Action Level (RBC CAL). This is achieved by incorporating in OF Jackson's Total Adjusted Capital less 100% of RBC CAL with 150% of RBC CAL included in the SCR



### UK Solvency II surplus in line with prior basis



#### Solvency II surplus, HY15, £bn



- 1 Relates to PAC Ltd
- 2 Includes excess of inherited estate over Solvency II capital requirements
- 3 55bp for BEL, 115bp for SCR (before diversification benefits)
- 4 The SCR related to the shareholder interest in the UK with-profits inherited estate amounts to £0.3 billion

#### **Calibrations**

- **Credit:** 170bp p.a. credit allowance for annuities<sup>3</sup>, roughly equivalent to 1.5x the cumulative default losses over the worst 10 years since 1920
- Longevity: The risk margin effectively doubles the capital held to cover longevity risk; in total, capital is held to cover around 3x the largest one-year increase in assumed life expectancy for reserving, since 1950
- Transitionals on business in-force written pre 1 January 2016
- Shareholder interest in the UK with-profits inherited estate of £0.7bn is not recognised4

#### **Sensitivities** With-profits<sup>1,2</sup> Shareholder-backed<sup>1</sup> HY15 Solvency II surplus, £bn 3.4 3.7 20% equity fall 3.3 3.0 40% equity fall 2.7 2.5 50bp interest rate fall 2.6 3.5 100bp interest rate rise 4.4 100bp increase in credit spreads 3.1 3.3

#### Mechanisms for improving surplus and mitigating volatility

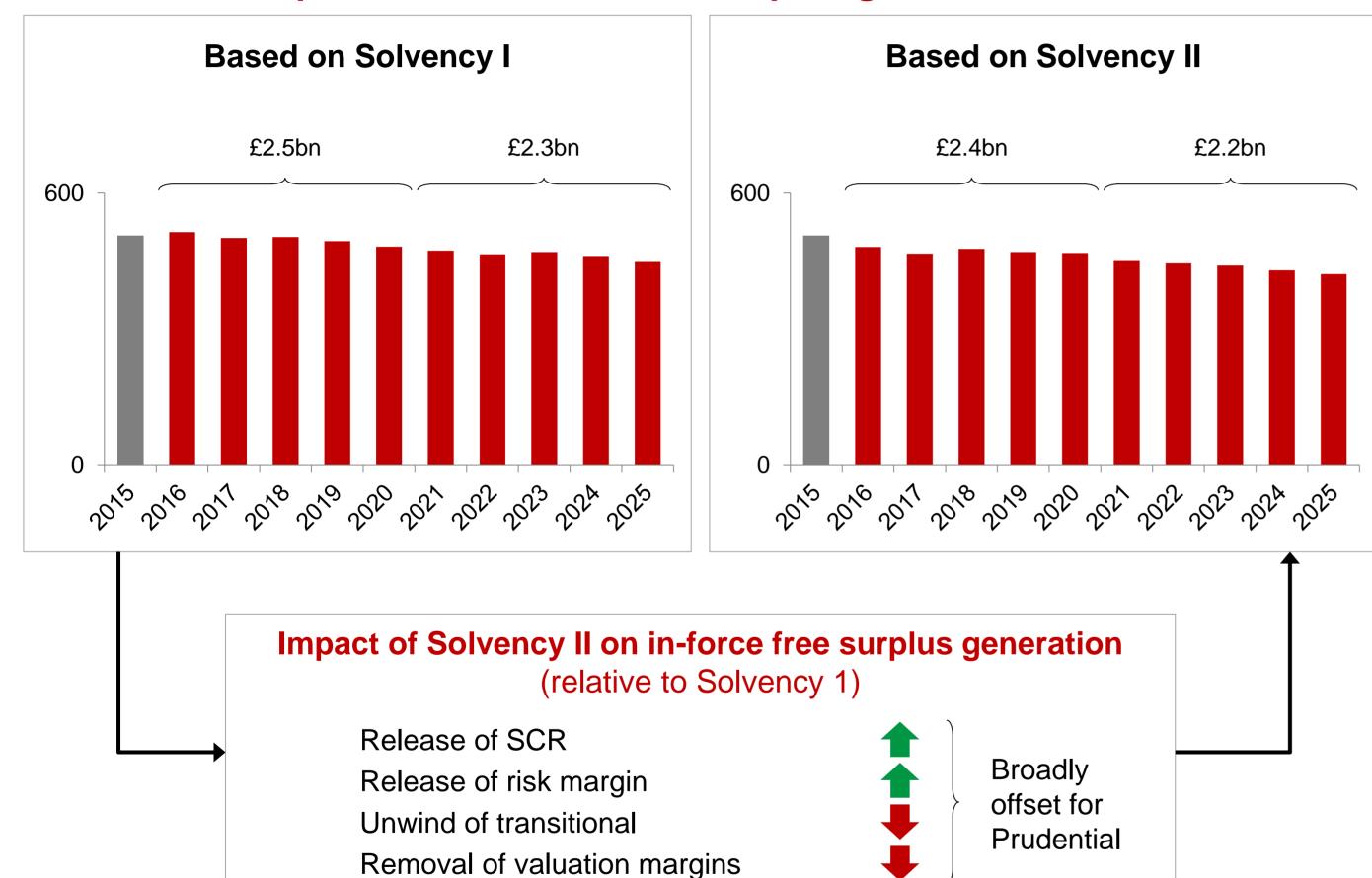
- Quota-share and longevity reinsurance
- Hedging market risk in with-profits transfers
- Matching Adjustment optimisation



### UK in-force capital dynamics not materially impacted



#### **Expected life in-force free surplus generation**<sup>1,2</sup>, £m



- Free surplus generation underpinned by sizeable with-profits and annuities in-force portfolio
- Transitional runs off broadly in line with risk margin release
- New business capital consumption higher for products with guarantees
  - Return on capital hurdle unchanged reduced future annuity volumes
  - Continued focus on capital efficient with-profits savings / investments

#### **Conclusions**

- Robust UK capital surplus
- Modest impact on expected free surplus from in-force
- Disciplined approach to new business unchanged

<sup>2</sup> This is a pro-forma estimate of the expected impact of Solvency II on UK free surplus generation, based on FY 2014 position.



<sup>1</sup> For life business, represents the undiscounted expected transfer of value of in-force business and required capital to free surplus as at FY14.

### Approach to capital management



#### **Business unit capital**

- Capital defined by local capital regulations and local business needs
- 'Healthy' buffer above capital requirements
- Self-funded organic growth through reinvestment of operating capital generated
- Capital generation supports cash remittances to Group

#### **Central cash**

- Held to maintain flexibility, fund new opportunities and absorb shock events
- Funds a growing dividend
- Covers central costs and debt payments

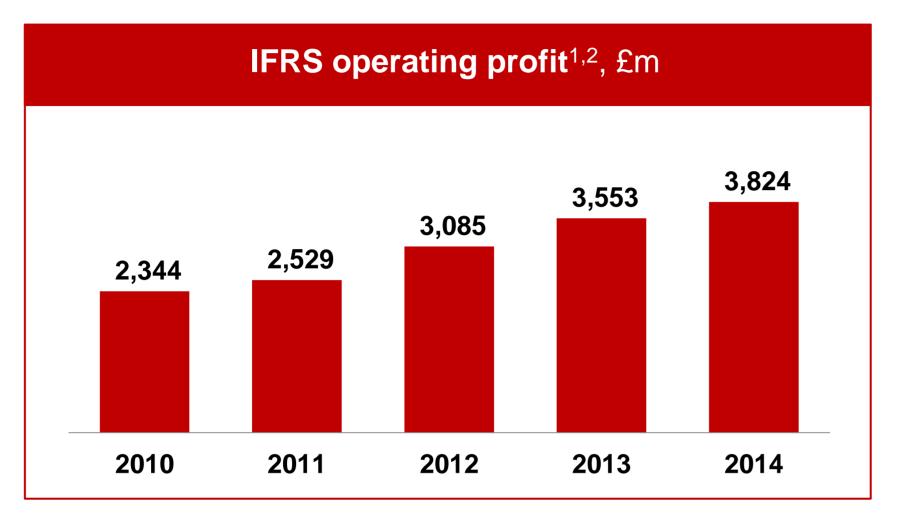
#### **Group capital**

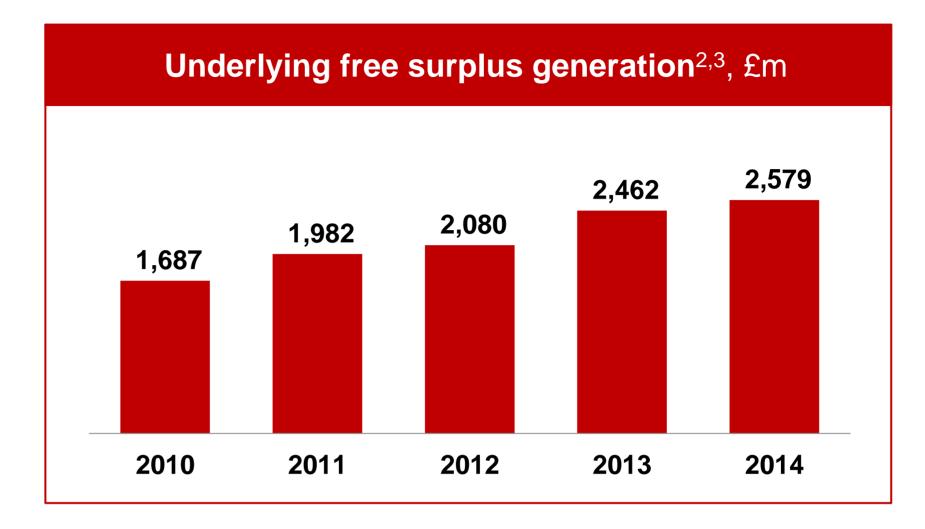
- Maintain appropriate capital level, mix and quality
- Maintain credit and financial strength ratings

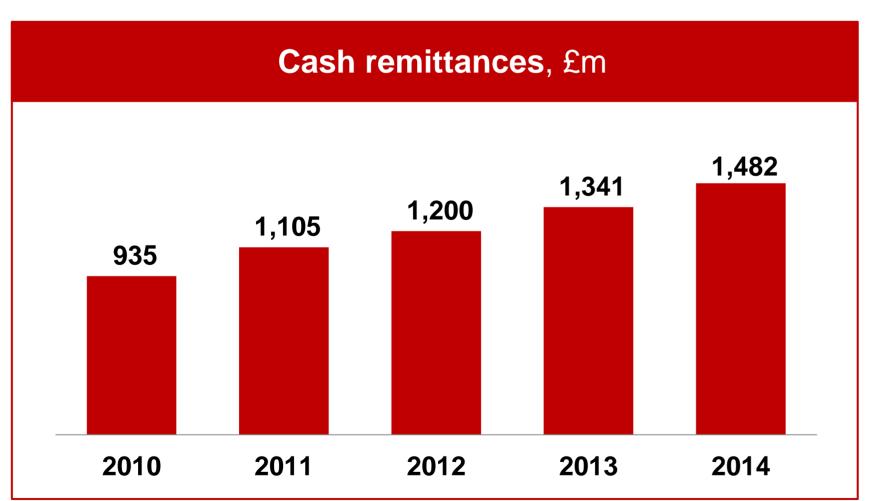


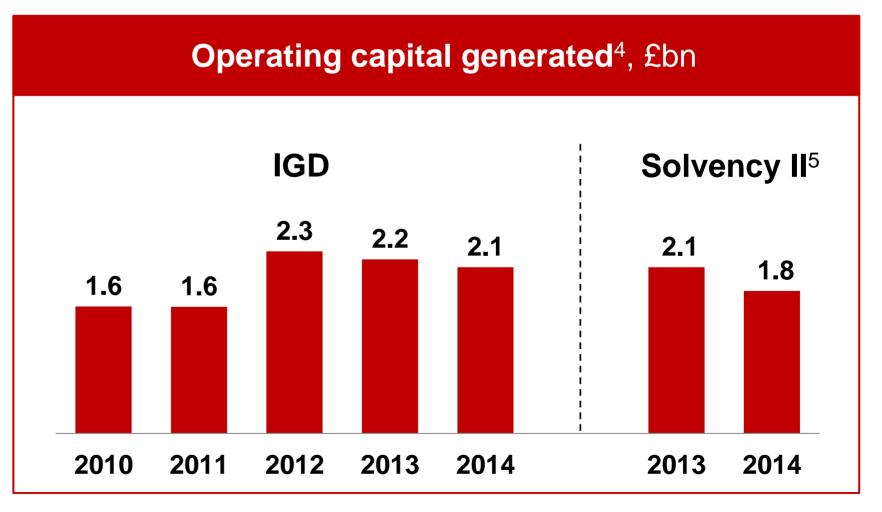
### The Group is highly capital generative











<sup>5</sup> Based on previously published information.



<sup>1</sup> Total segment profit, defined as pre-tax operating profit from business units before other income and expenditure.

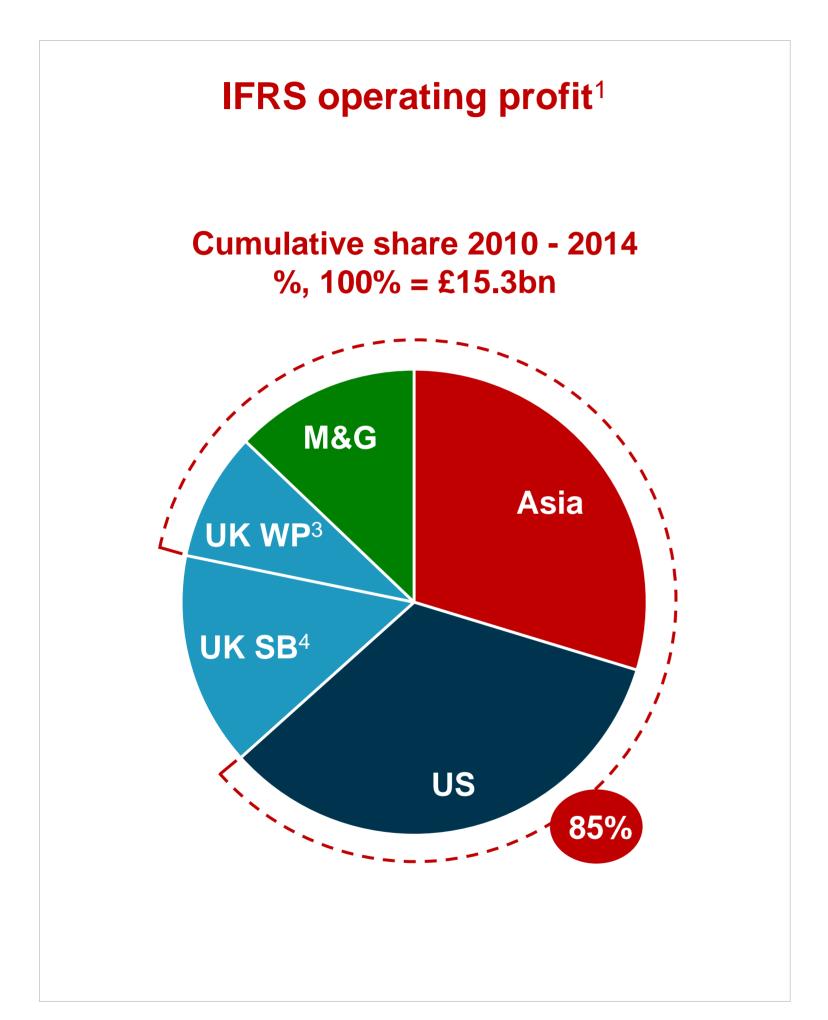
<sup>2 2010-2013</sup> comparatives include the results of PruHealth and PruProtect.

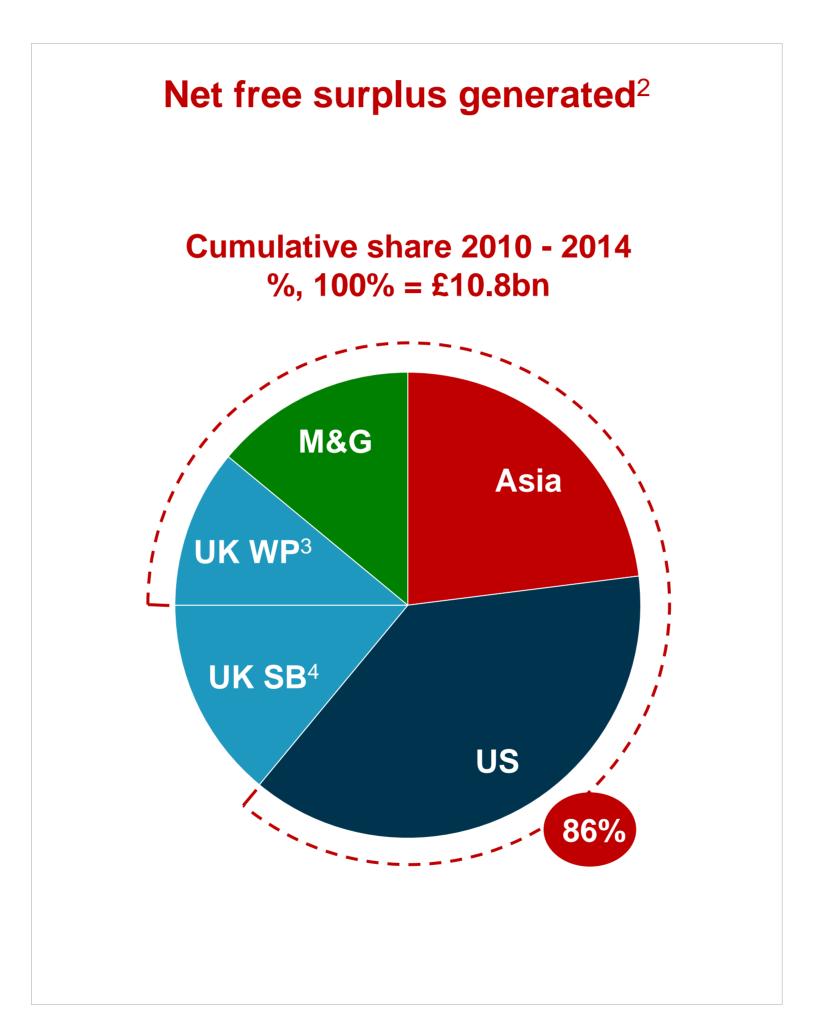
<sup>3</sup> Comprises free surplus released from long-term business, net of investment in new business, and post-tax operating profit from asset management and other non-insurance operations.

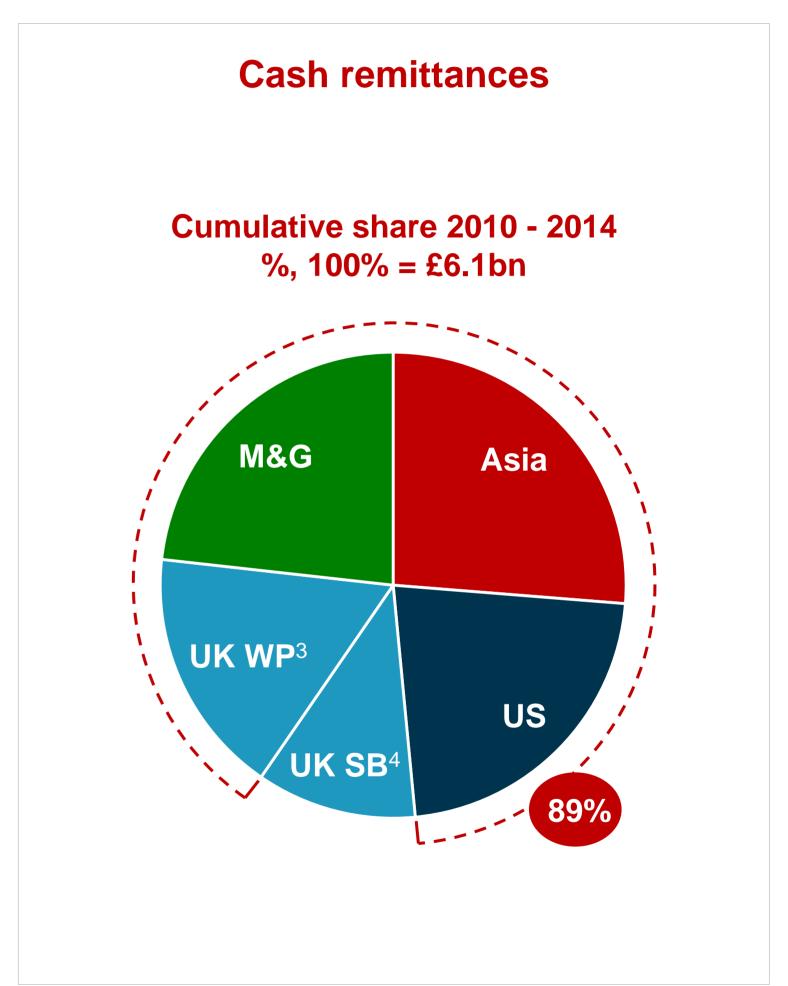
<sup>4</sup> Before market movements, corporate actions and dividends. 2010-2012 IGD operating capital generated have been restated to include Jackson surplus on a basis consistent with 2013 and 2014 (250% of RBC Company Action Level versus 75% previously).

### Well-balanced sources of profit, capital generation and cash









<sup>4</sup> UK life shareholder-backed business



<sup>1</sup> Total segment profit, defined as pre-tax operating profit from business units before other income and expenditure

<sup>2</sup> Comprises free surplus released from long-term business, net of investment in new business, and post-tax operating profit from asset management and other non-insurance operations

<sup>3</sup> UK life with-profits business

### Capital dynamics unchanged for majority of our businesses



	Regulatory capital basis			
	Pre 1 Jan 2016	From 1 Jan 2016		
Asia	Local	No change		
US	RBC	No change (equivalent)		
M&G	Capital Requirements Directive (CRD)	No change		
UK Life <sup>1</sup>	Solvency I (Pillar 1 / Pillar 2)	Solvency II with transitional relief <sup>2</sup>		

<sup>2</sup> Includes the benefit of transitional relief on business in-force as at 31 December 2015

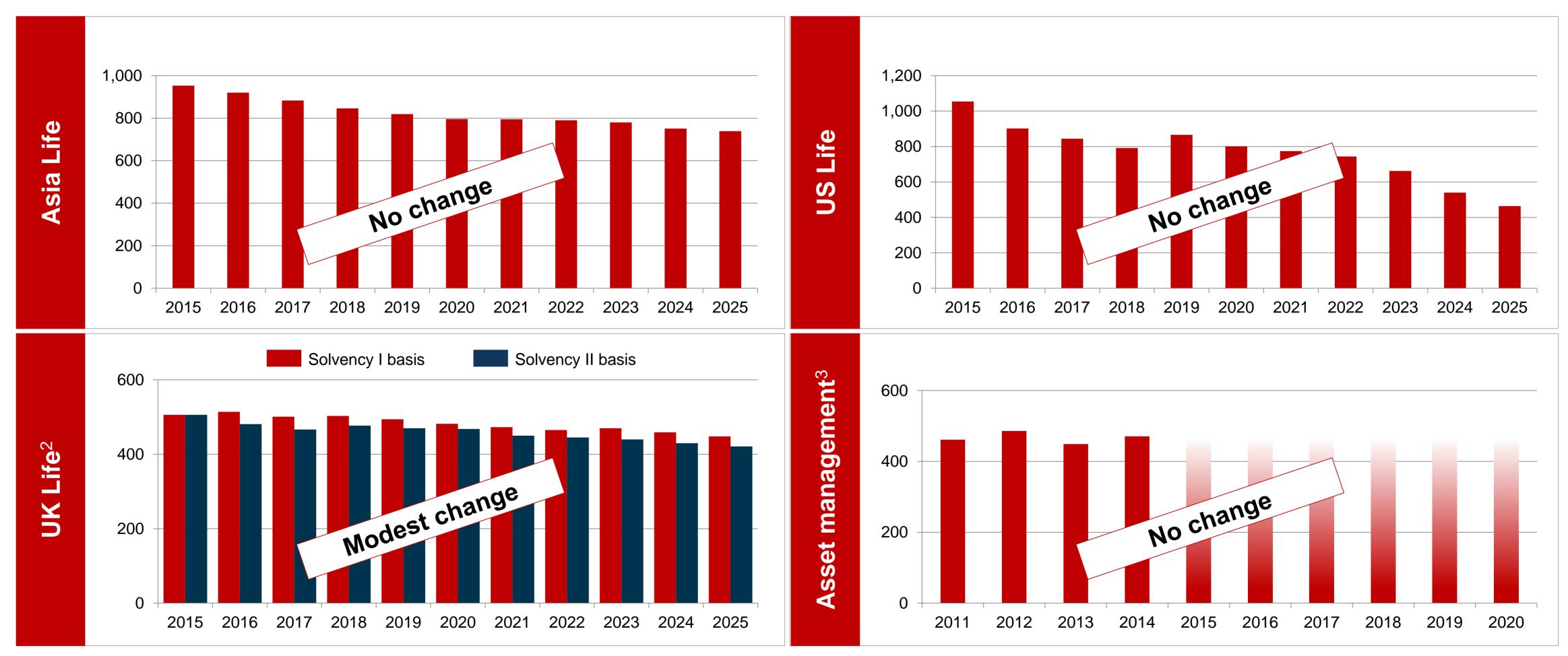


<sup>1</sup> PAC Ltd

### Expected free surplus profiles are largely unaffected



Estimated impact of Solvency II on in-force free surplus generation<sup>1</sup>, £m



<sup>1</sup> For life business, represents the undiscounted expected transfer of value of in-force business and required capital to free surplus as at FY14. For asset management business, represents post-tax profit.

<sup>3</sup> Asset management: 2011 – 2014 actual; 2015 – 2020 illustrative only

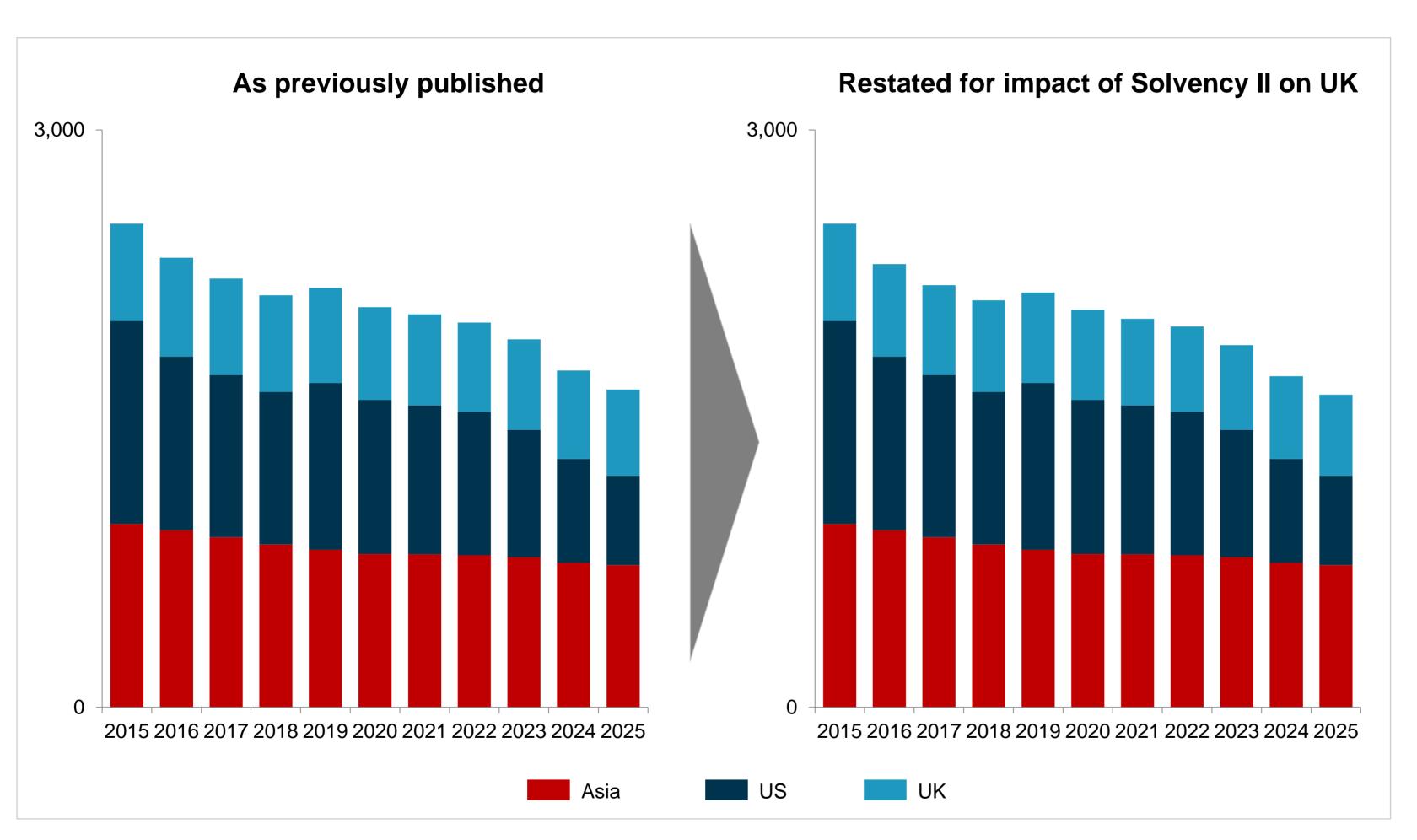


<sup>2</sup> This is a pro-forma estimate of the expected impact of Solvency II on UK free surplus generation, based on FY 2014 position.





Expected life in-force free surplus generation<sup>1,2</sup>, £m



- Asia and US not impacted
- UK modest change
- Group profile largely unaffected

<sup>2</sup> This includes a pro-forma estimate of the expected impact of Solvency II on UK free surplus generation, based on FY 2014 position.

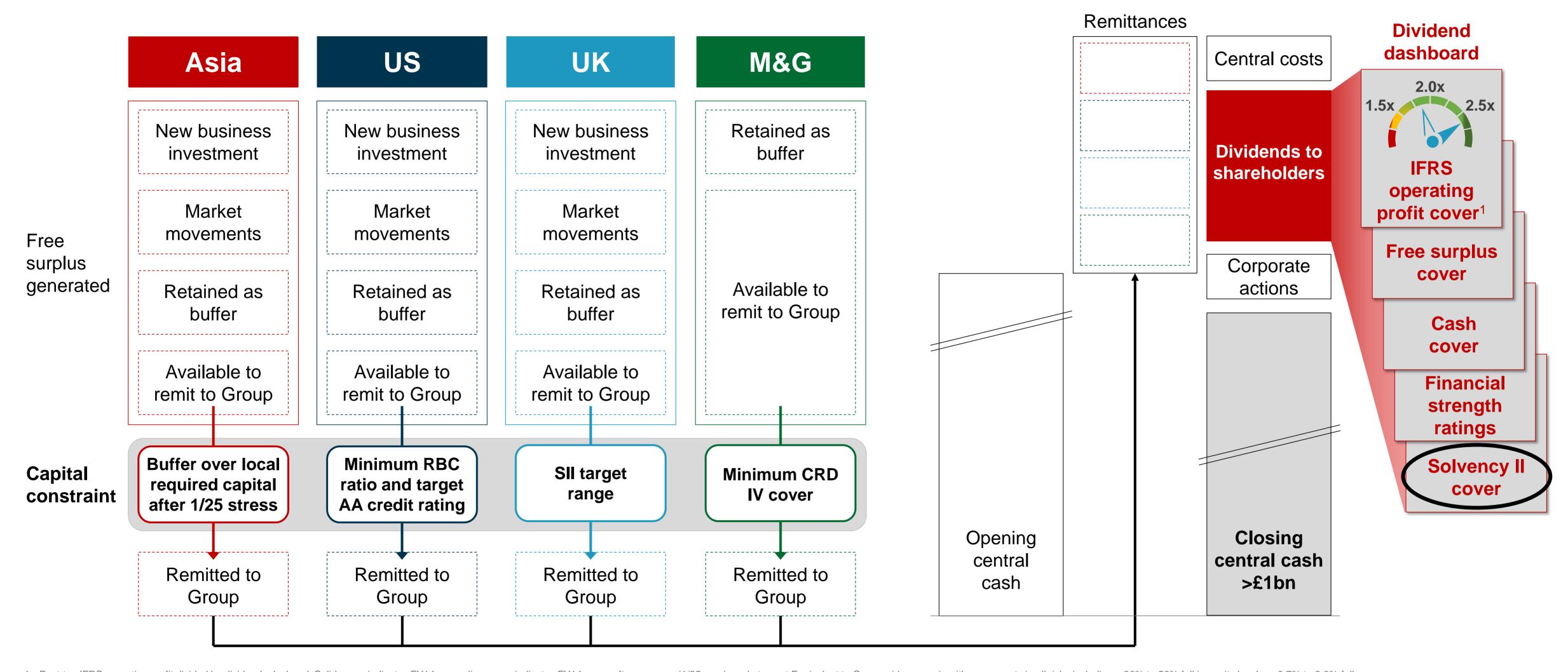


<sup>1</sup> For life business, represents the undiscounted expected transfer of value of in-force business and required capital to free surplus as at FY14.

### Solvency II

### Capital dynamics and dividend philosophy are unchanged





<sup>1</sup> Post-tax IFRS operating profit divided by dividends declared. Solid arrow indicates FY14 cover; line arrow indicates FY14 cover; line arrow indicates FY14 cover after a severe (1/25 year) market event Equivalent to Group-wide scenario with movements in all risks including a 30% to 50% fall in equity levels, a 0.7% to 2.0% fall in long-term interest rates and spreads widening by 120p in A-rated credit and 200p in BBB-rated credit.



# Solvency II Key messages



- Solvency II approvals successfully address areas most critical to Prudential
- Solvency II outcome confirms strength and resilience of the Group's capital position
- Drivers of capital generation and consumption for Asia, US and M&G are unaffected
- UK in-force expected capital generation is not materially impacted
- Group remains highly capital and cash generative
- Group strategy and dividend policy unchanged



### Other items

### Group credit portfolio remains high quality and defensively positioned



#### Breakdown of invested assets, HY15, £bn

				Shareholders				
	Total Group	PAR funds	Unit linked	Asia Life	US Life	UK Life	Other	Total
Debt securities	142.3	59.0	9.8	8.3	32.1	31.1	2.0	73.5
Equity	155.3	39.8	114.2	0.8	0.3	0.0	0.2	1.3
Property	13.3	10.8	0.7	0.0	0.0	1.8	0.0	1.8
Mortgage	6.4	8.0	0.0	0.1	3.9	1.6	0.0	5.6
Deposits	6.2	2.0	0.0	0.4	2.9	0.0	0.9	4.2
Other loans	11.0	7.9	1.1	0.3	0.0	1.7	0.0	2.0
Other	8.6	6.0	0.0	0.4	1.6	0.4	0.2	2.6
Total	343.1	126.3	125.8	10.3	40.8	36.6	3.3	91.0

#### Continued balance sheet conservatism

- Total group assets of £343bn; shareholder exposure of £91.0bn
- Conservative asset mix: 94% credit portfolio is rated investment grade
- Nil default losses, minimal impairments across all credit portfolios

#### Debt exposure - high quality and well-diversified

- US shareholder debt exposure of £32.1bn
  - 96% of corporate securities are investment grade across
     c.700 issuers with an average holding of £34m
- UK shareholder debt exposure of £31.1bn
  - 98% investment grade, 76% A or higher
- Oil and gas credit exposure of £3.5bn
  - ➤ High yield exposure is just 0.7% of total debt
  - Well diversified across 136 issuers and 5 sub-sectors
  - Average holding of £26m
  - Maximum individual exposure of £188m



### Other items

### Reporting considerations



### Solvency II reporting

- Solvency II specific disclosures from FY2015 (updated half-yearly)
- Continued use of EEV and free surplus generation
  - Unchanged for Asia, US and M&G
  - > Restated for UK to reflect Solvency II capital (with effect from HY2016)

### Other reporting considerations

- Discontinue publication of 1Q and 3Q Interim Management Statements with immediate effect
- Dividends: twice-yearly interim dividend to replace final / interim dividend approach from 2016



# Appendix

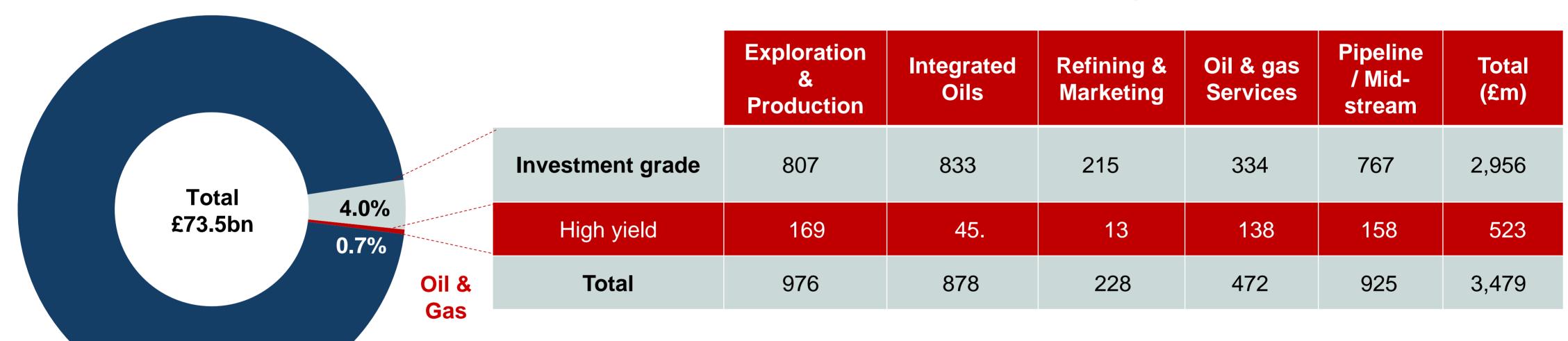


# Group credit position Oil and gas exposure



#### Breakdown of the shareholder debt securities portfolio, HY15

#### Breakdown by credit rating and sub-sector, £m



- Exposure is diversified across 136 issuers and 5 sub-sectors
- Average holding of £26m
- Maximum individual exposure of £188m