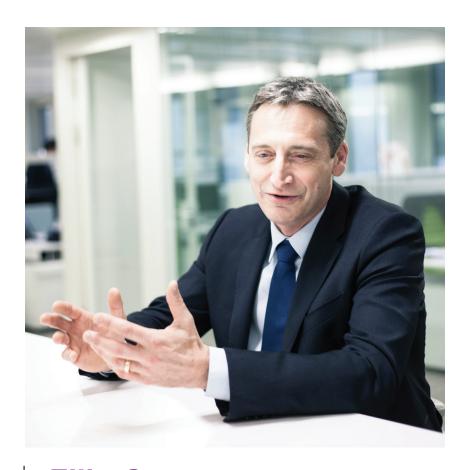


# A smooth transition to SOLVENCY II

### **Speakers**



Filip Coremans
Chief Risk Officer



**Emmanuel Van Grimbergen**Group Risk Officer



### SOLVENCY II

Basic principles
Results Standard Formula
Results Solvency II<sub>ageas</sub>

RISK APPETITE & CAPITAL MANAGEMENT

SENSITIVITIES

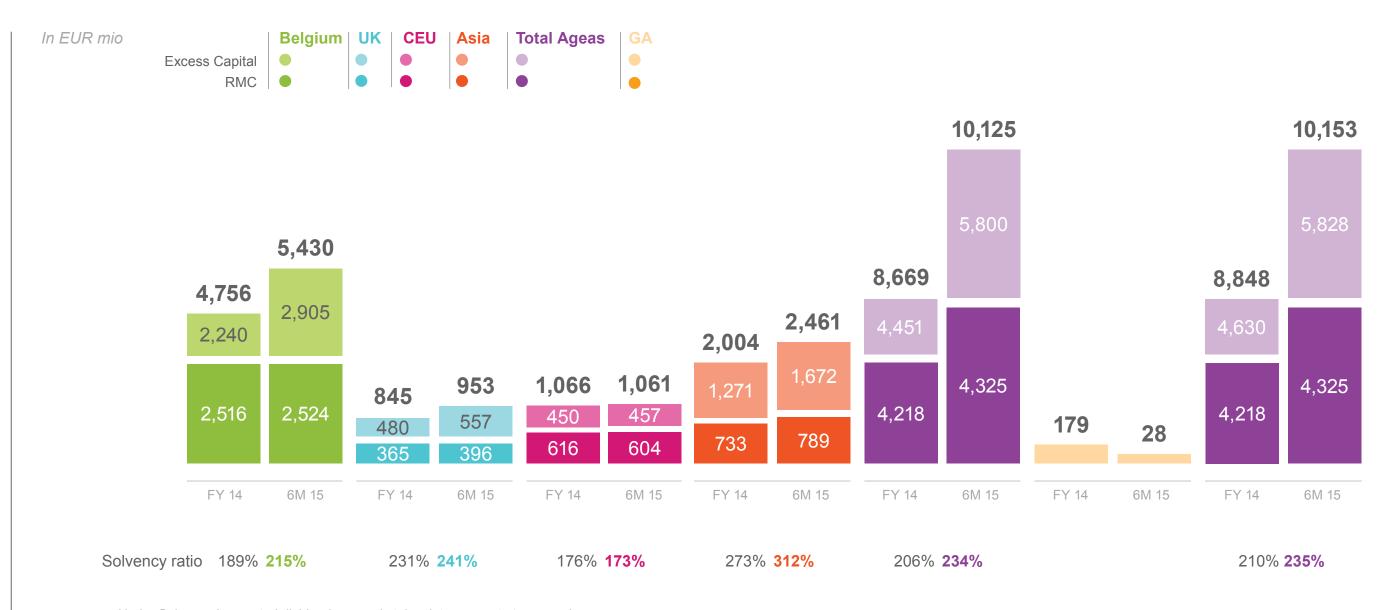
FUTURE REPORTING

CONCLUSIONS



# SOLVENCY

Ageas's
current
reporting per
segment
FY '14 & 6M '15



ageas

<sup>&</sup>gt; Under Solvency I expected dividends are only taken into account at year end

A straight forward calculation mechanism

General

Required Minimum Capital (RMC)

Volume based approach with simple formula

In % of Life technical liabilities, Non-Life premiums & capital at risk Available capital

= IFRS equity
& correction
prudential filters

Ageas specific

Non Controlled Participations

(NCP) included @ our share – RMC based on local rules

**Unrealised Gains** 

on fixed income eliminated from regulatory capital

Life technical liabilities

interest rates
embedded in each policy



SOLVENCYI

Capital management decisions based on IFRS Solvency

General

**Dividend** determined

by IFRS net profit

Solvency I capital requirement

vs. dividend upstream

Ageas specific

Target Insurance

Solvency I ratio Ageas

= 200%

Risk appetite

Solvency I ratio & net profit

Dividend

@ 40-50% of IFRS Insurance

net profit

Capital upstream subject to Local

Solvency



# SOLVENCY II BASIC PRINCIPLES

BASIC PRINCIPLES

From simplistic but stable Solvency I to realistic but more volatile Solvency II

## Risk based approach

- > Solvency Capital Requirement (SCR)
- > Based on effective risks taken within company, covering both assets & liabilities
- > Required capital influenced by risk mitigation actions

# Market consistent valuation

- > Reflecting economic situation vs. accounting view
- > Available capital (Own Funds) on market value / marked to model basis

## **European** regulation

> In principle more level playing field

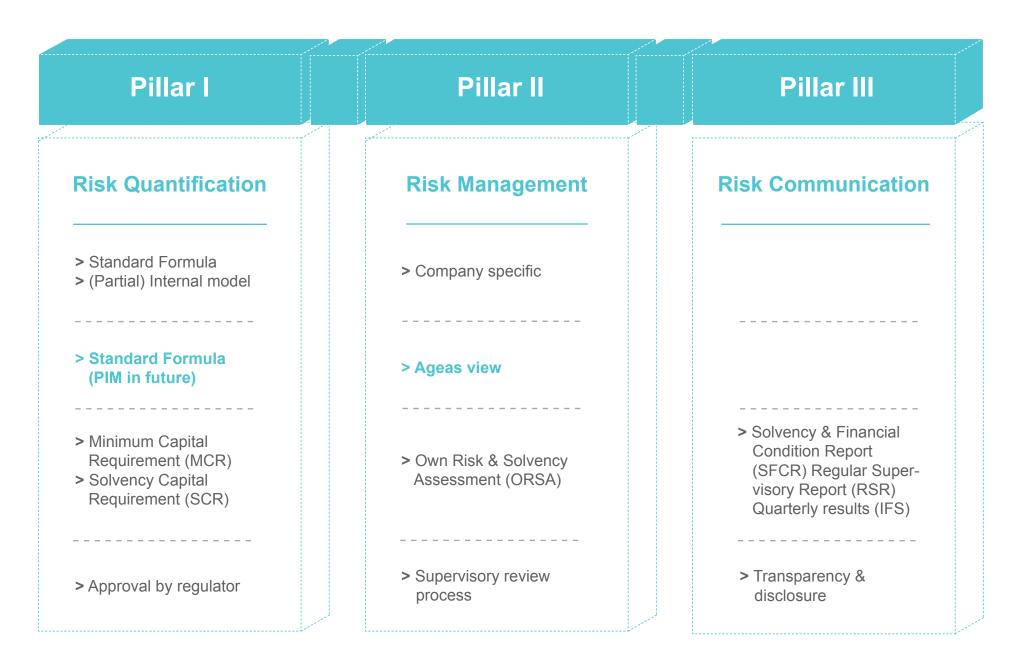


### Framework

- > More **complex**
- > Integrated risk view
- > Choice between standard formula or (partial) internal model

BASIC PRINCIPLES

Three-pillar framework strives for an integrated risk view





Possible calculation methods

Ageas specific

Reporting

**Interaction level** 

BASIC PRINCIPLES

Three
possible
computation
methods
for risk
quantification
under Pillar I

General

Standard Formula

Standard calculation method based on risk indicators & typology as defined by EIOPA Partial Internal Model (PIM)

Blended approach, combining internal model with Standard Approach Internal Model

Full internal
model tailored to
the company's
risk profile

Ageas specific

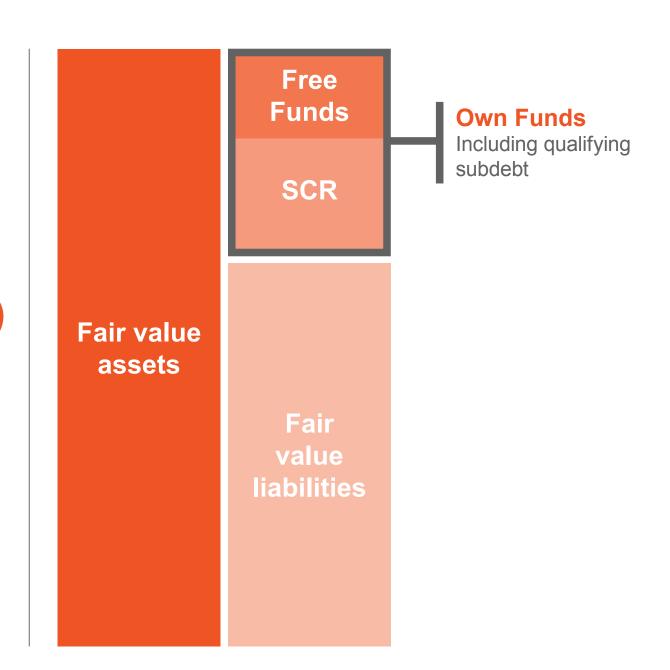
> Currently use of Standard Formula

> Approval process PIM Non-Life ongoing



BASIC PRINCIPLES

Solvency II
ratio based
on Market
Consistent
Balance
Sheet (MCBS)

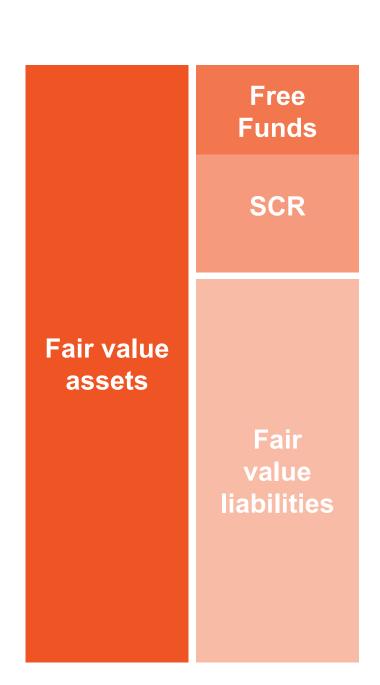


Solvency II ratio

Cown Funds
SCR



BASIC PRINCIPLES **SCR** is level of capital expected to be required by regulators



SCR Solvency Capital Requirements To absorb significant losses in 1 in 200 year events

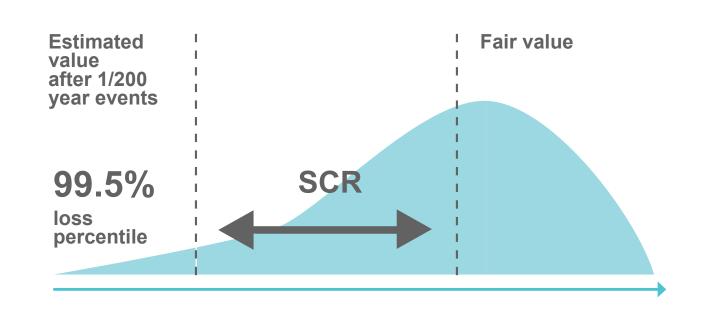
99.5% confidence level 1 year

time horizon

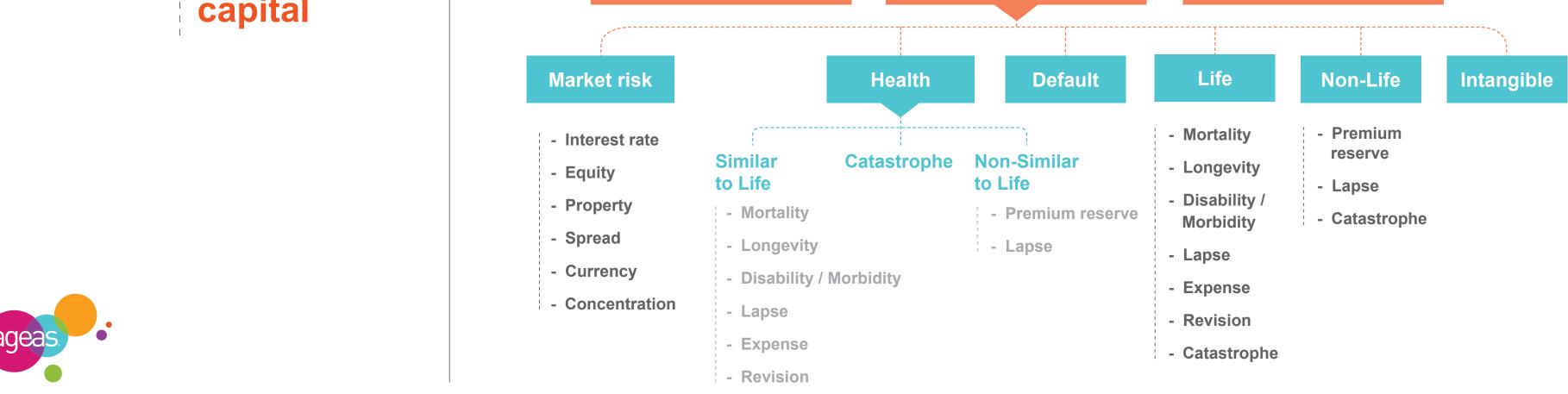
**First** supervisory

intervention level when Free Funds < zero





BASIC PRINCIPLES Major risk types which require capital



Adjustments

SCR

**Basic SCR** 

**Operational Risk** 



BASIC PRINCIPLES

Main adjustments aside capital charges by risk type

**Diversification** benefits

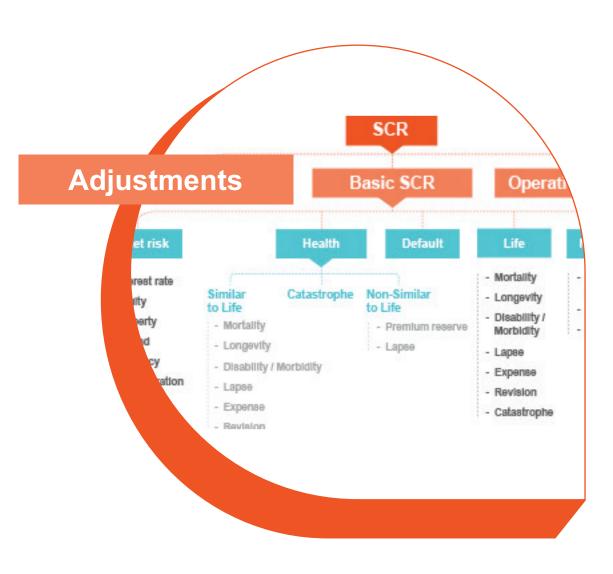
Not all risks will crystallize at the same moment provided that the underlying sources of risk, are not fully dependent

Loss Absorption capacity of Deferred Tax (LADT)

Losses can partly be compensated by tax savings – subject to recoverability test of tax benefits

Non-Controlled Participations (NCP)

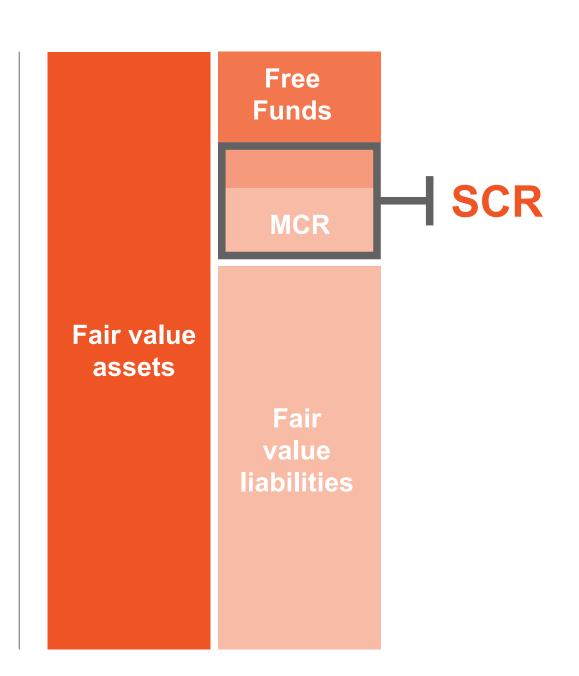
SCR European NCP's (Luxembourg & Tesco) do not diversify with other risks





BASIC PRINCIPLES

MCR: Final treshold



MCR:

Minimum
Capital Requirement
= part of SCR

Breach triggers
very strict
recovery plan

Non compliance with recovery plan induces mandatory stop of new business & supervisor taking over

Floor
of 25% SCR
& Cap
of 45% of SCR



# SOLVENCY II RESULTS STANDARD FORMULA

STANDARD FORMULA

# Ageas chooses quality and sustainability

### Consolidation scope

- > In principle comparable to IFRS consolidation scope
- > Belgium treated as 100% Owned liability for Put option in General Account

# Non-Controlled Participations (NCP)

- > European participations (Tesco & Luxembourg): Solvency II Own Funds & SCR pro rata included no diversification benefits
- > Non-European participations (Turkey, Thailand, Malaysia, India, China, Philippines & Vietnam) are not included in Solvency II ratio reported separately based on Local Solvency
- > If any of the Non-European participations would become "deemed equivalent", same treatment as the European participations

### **Expected** dividend

- > Expected pay-out by Ageas deducted from Own Funds in each quarter, based on 40% pay-out over Insurance net profit
- > Final calculations @ year-end



STANDARD FORMULA

# Ageas chooses quality and sustainability

### Non-transferable Own Funds

- > Ageas takes a conservative approach
- > A "non-transferable" is deducted from Own Funds equal to
  - ✓ Diversification benefits between controlled entities in SCR
  - ✓ Free Funds belonging to 3rd party shareholders for controlled entities that are not fully owned (Italy, Portugal, & Belgium)

### Transitional measures

- > Ageas makes **NO USE** of transitional measures except for
  - Grandfathering up to 10 years
  - ✓ Reporting deadlines

### Put option on AG Insurance

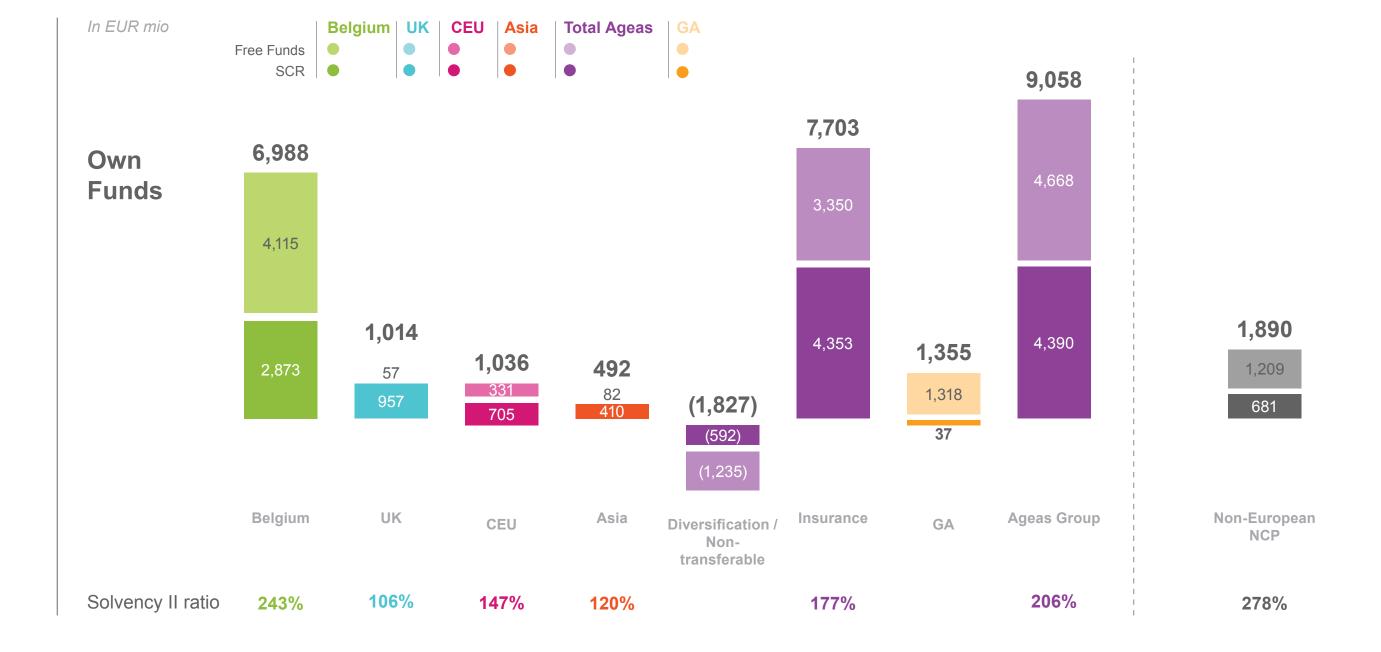
- > In line with IFRS treated as if put option were exercised:
  Ageas owns 100% & recognizes a liability at holding level
- > The non-transferable on AG Insurance within Insurance Own Funds is offset within General Account
- > This treatment assures no changes in Insurance Solvency in case the put option is NOT exercised in 2018



SOLVENCY II RESULTS
STANDARD

FORMULA

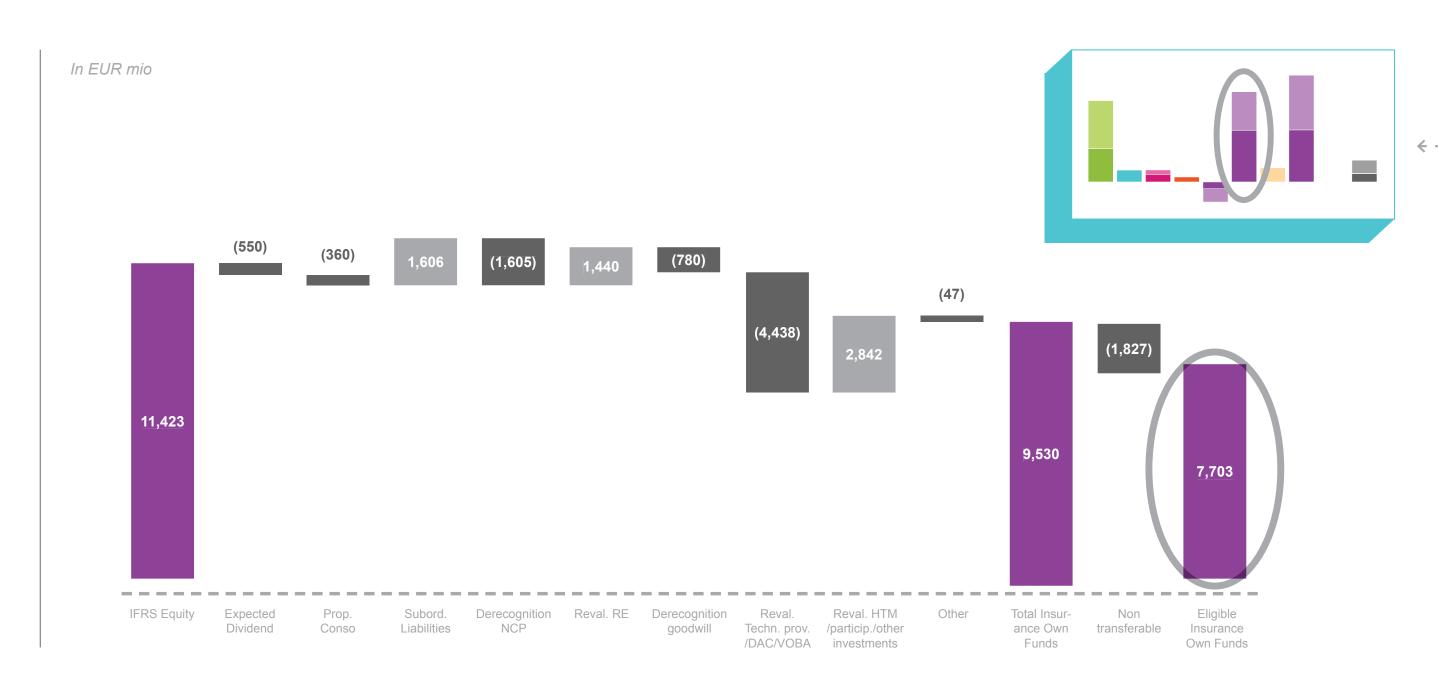
Solvency II ratio Insurance @ 177%



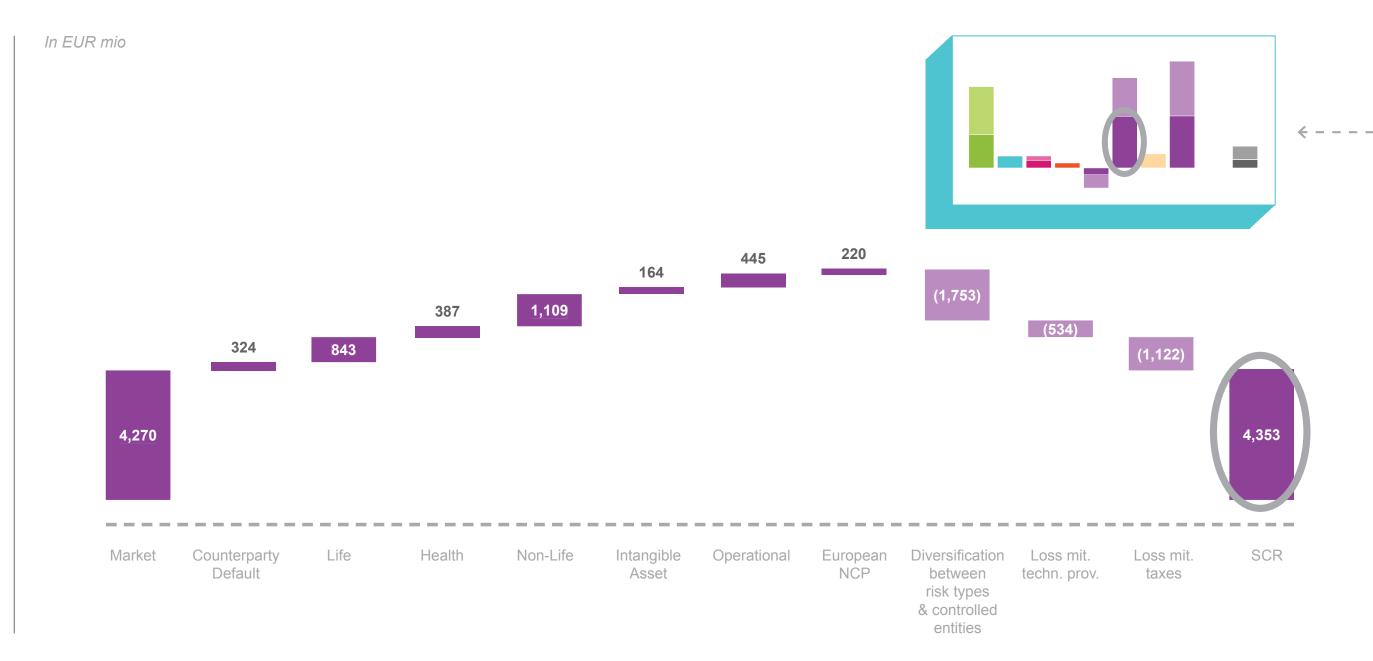


STANDARD FORMULA Bridge from
Insurance
IFRS Equity
to Insurance
Solvency II
Own Funds
FY '14





STANDARD FORMULA Solvency
Capital
Requirements
per risk type
FY '14



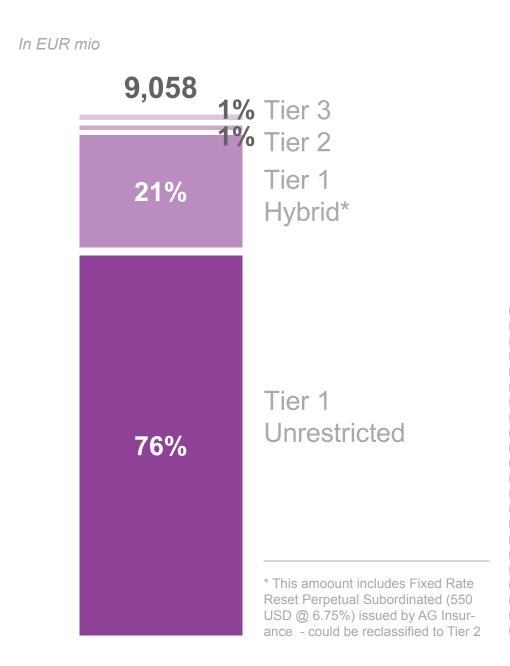




STANDARD FORMULA No aggressive leverage & excellent quality of Group Own Funds



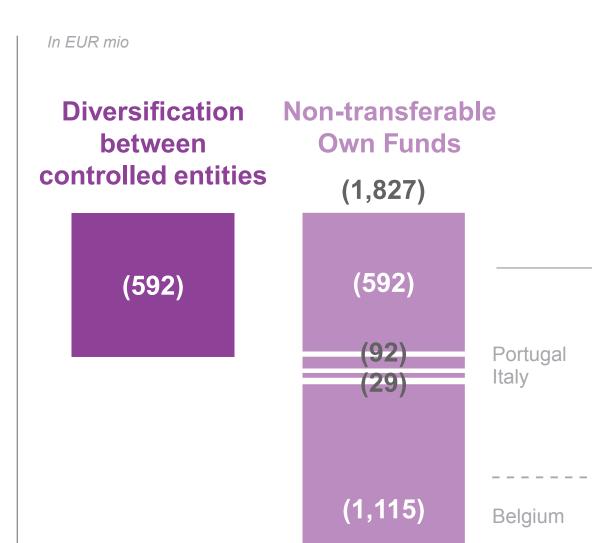






- > Current Hybrid Tier 1 capital consists of **grandfathered** instruments (up to 2026)
- > Ageas slightly above maximum of 20% Tier 1 Hybrid\* in total Tier 1
  - ✓ Gradual replacement by new Tier 2 issues
- > Substantial capacity to issue Tier 2 instruments
  - ✓ Allowed up to 50% of SCR
  - ✓ Current level @ Ageas 2% of SCR

STANDARD FORMULA Prudent
approach
of eligible
Own Funds
Insurance
pool
FY '14





Free Funds belonging to 3<sup>rd</sup> party shareholders in controlled entities

benefits between controlled entities in SCR

Amount equal to

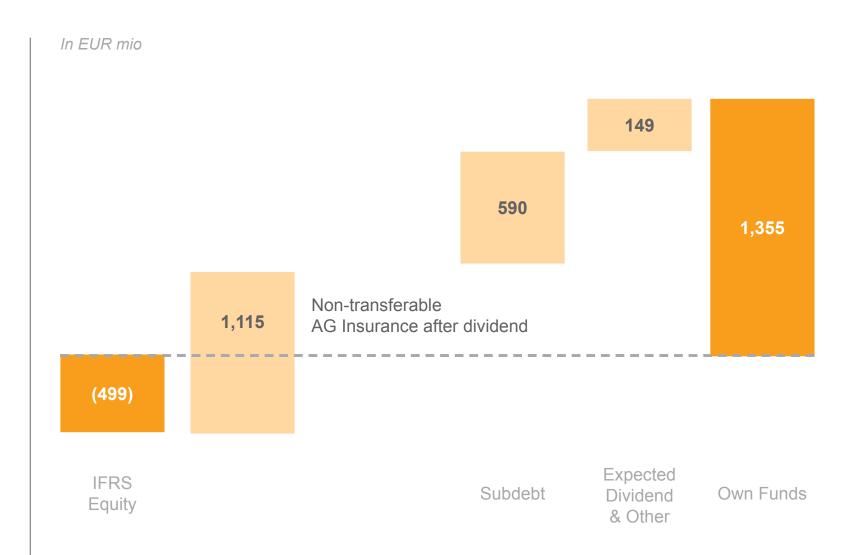
diversification

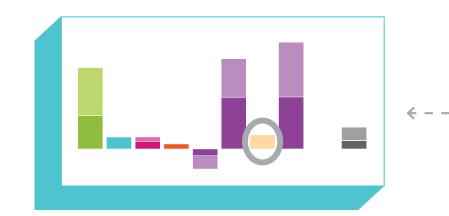




STANDARD FORMULA

# General Account: Bridge from IFRS Equity to Solvency II Own Funds FY '14







- > Cost of Put option on AG Insurance (EUR 1,391 mio) deducted from IFRS equity
- > Non-transferable on AG Insurance (EUR 1,115 mio) re-added

STANDARD FORMULA Large amount of capital in NCP not accounted for in Solvency II ratio

FY '14

In EUR mio @ Ageas's part

	IFRS capital	Local capital requirements	Local available capital	Local Solvency ratio	
Turkey	146	48	69	146%	
India	19	3	19	553%	
Thailand	395	115	563	488%	
China	730	239	655	275%	
Malaysia	315	276	584	212%	
Total	1,604	681	1,890	278%	





# SOLVENCY II RESULTS SOLVENCY II ageas

SOLVENCY II ageas

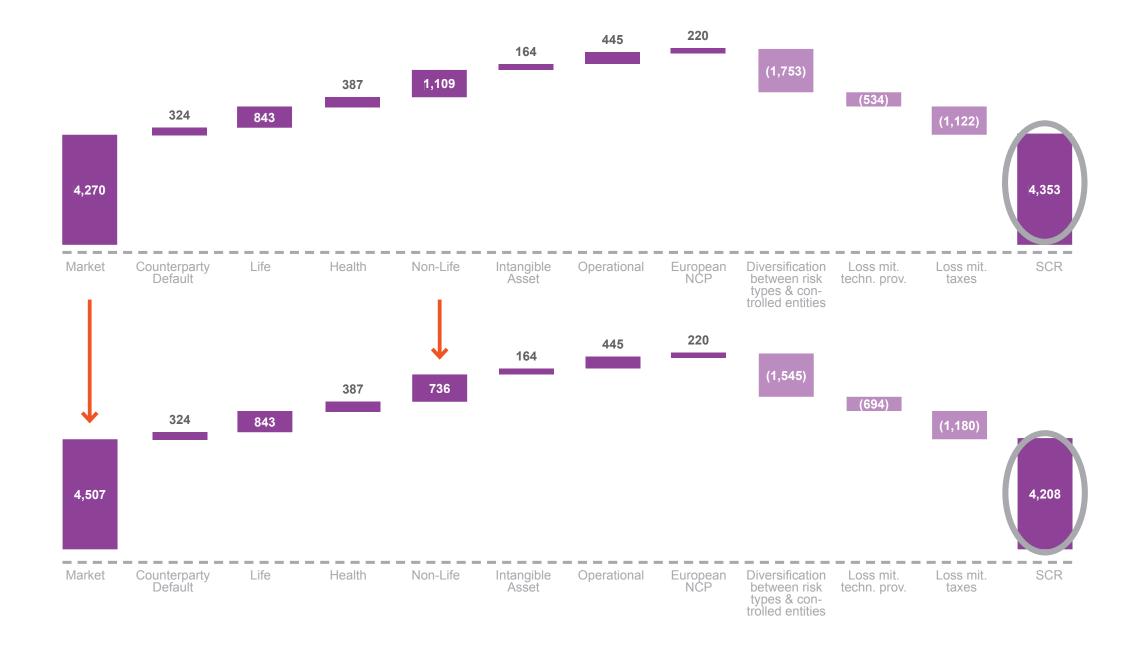
### Main improvements on Standard **Formula**

FY '14





In EUR mio





> Nature of Ageas's Non-Life portfolio is focused on Personal lines **Partial SOLVENCY II** Why & SME - differs from approach in Standard Formula. RESULTS Internal model SOLVENCY II age as Non-Life > Property & Casualty **Underwriting** = Motor, Household & Other lines In scope > Accidents FY '14 > Workmen's compensation Out of scope > Health - medical & income expenses > Application filed with regulator for acceptance Solvency II (pillar I) > Timing: expected beginning 2016 **Status** > What if not accepted - PIM will still be used for internal risk & capital management (pillar II) > Insurance Solvency ratio up 13pp **Impact** 

SOLVENCY II ageas

Internal view
Market risk
focussing on
spread risk

FY '14

Types of spread risk

- > Fundamental spread risk = linked to default or realised capital losses on sale
- > Non-fundamental spread risk = linked to short-term movements in the market

Ageas specific

- > Long-term nature of liabilities
- > Bonds in principle kept to **maturity**

In scope

- > Fundamental spread risk included in SCR ageas
- > Both on **government** & **corporate** bonds
- > Non-fundamental spread risk excluded
- > Proxy of concept of matching / volatility adjustment

**Impact** 

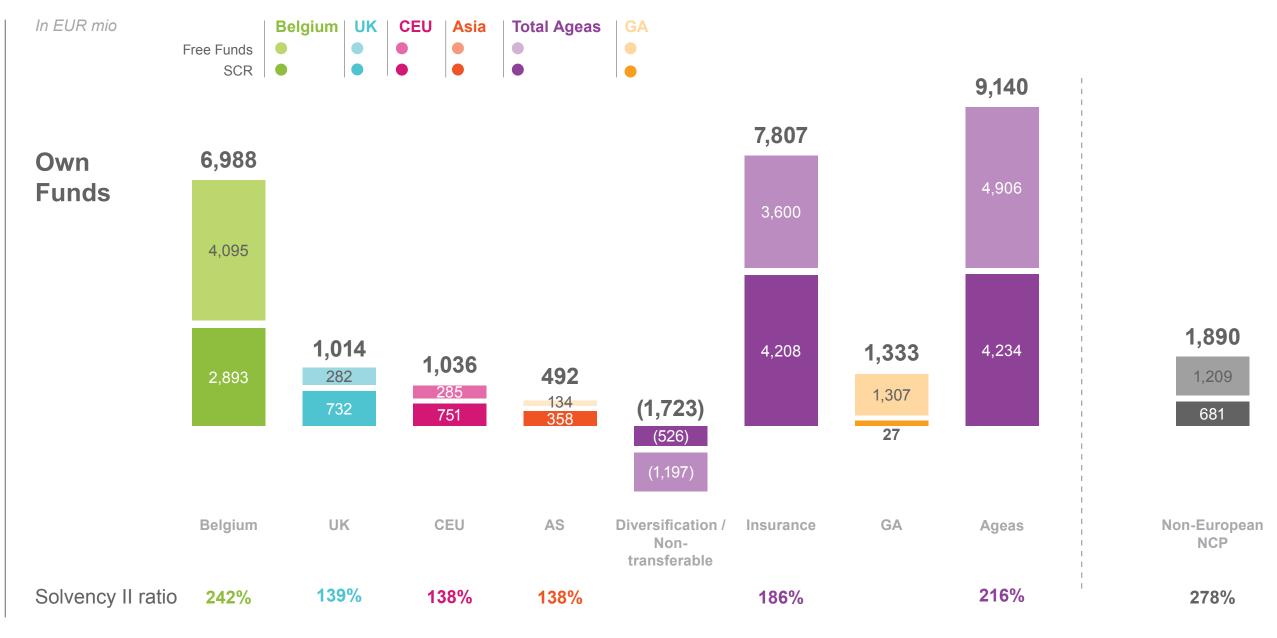
> Insurance Solvency ratio down 4pp





SOLVENCY II ageas

Solvency II<sub>ageas</sub>
Insurance
@ 186%
FY '14





### SOLVENCY I&II The complete RESULTS overview

FY '14 & 6M '15



FY '14	BE	UK	CEU	ASIA	Ageas insurance	Ageas group	NCP @ LOCAL SOLVENCY
Solvency I	189%	231%	176%	273%	206%	210%	*
Standard Formula	243%	106%	147%	120%	177%	206%	278%
Solvency II <sub>ageas</sub>	242%	139%	138%	138%	186%	216%	278%
6M '15							
Solvency I	215%	241%	173%	312%	234%	235%	*
Standard Formula	252%	105%	150%	127%	178%	210%	294%
Solvency II <sub>ageas</sub>	252%	139%	133%	141%	188%	221%	294%

<sup>\*</sup> In Solvency I framework Non-European NCP's are included in Insurance ratio on IFRS equity basis whereas in Solvency II these NCP's are not taken into consideration, but shown separately based on Local Solvency.

Some remain, but impact on Insurance Solvency is manageable

Contingent Legal





**Bonds/loans guaranteed** by regional Governments or local authorities

Consolidation **Ancillary** services company (Interparking)

**Parking** concessions (Interparking)

### Ageas treatment

Treated as sovereign debt

Proportional consolidation

Liquid market thus valued in MCBS



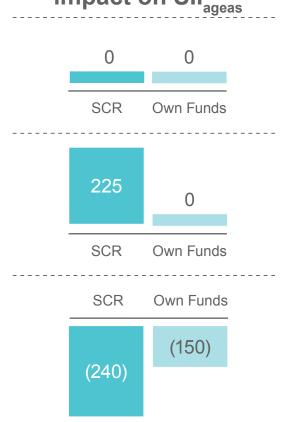
Own Funds

(150)

SCR

(240)







- > At this stage Ageas considers it impossible to estimate the probability of success of the ongoing litigation and/or the possible magnitude of any indemnity the company would be exposed to. Therefore no capital charges have been foreseen for the legacy litigation aside from the provision of EUR 130 mio following the 29/7/2014 Amsterdam Court of Appeal decision (FortisEffect).
- > Such indemnity would **not affect** the solvency of the **Insurance activities**.

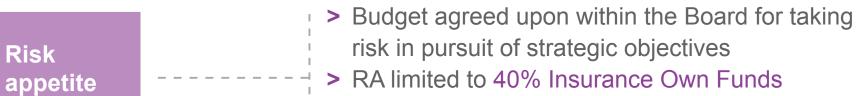
# RISK APPETITE & CAPITAL MANAGEMENT

**APPETITE** & CAPITAL **MANAGEMENT** 

**Own Funds** leading in capital management







- > Measured under 1/30 loss event
- > Quarterly stress test on actual Risk Consumption
- > Local risk profile & local risk appetite

MAC

Risk

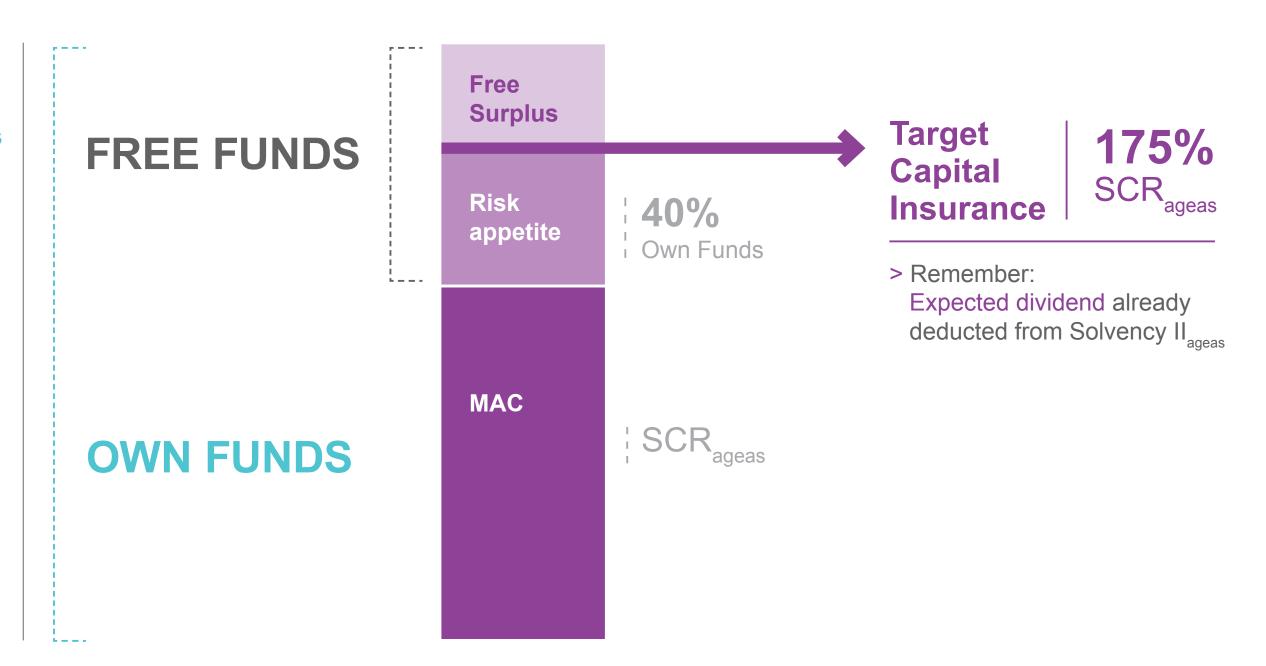
### **MAC:** Minimum acceptable capital

- > Capitalization level we really want to protect
- > Group target: MAC = SCR<sub>ageas</sub>





SCR<sub>ageas</sub> &
Own Funds<sub>ageas</sub>
leading in
capital
management





RISK
APPETITE
& CAPITAL
MANAGEMENT

Target Capital
Insurance
@ 175%
SCR



SOLVENCY II RATIO 175%



Overview
relevant
capital
management
ratios for
Ageas
Insurance
FY '14



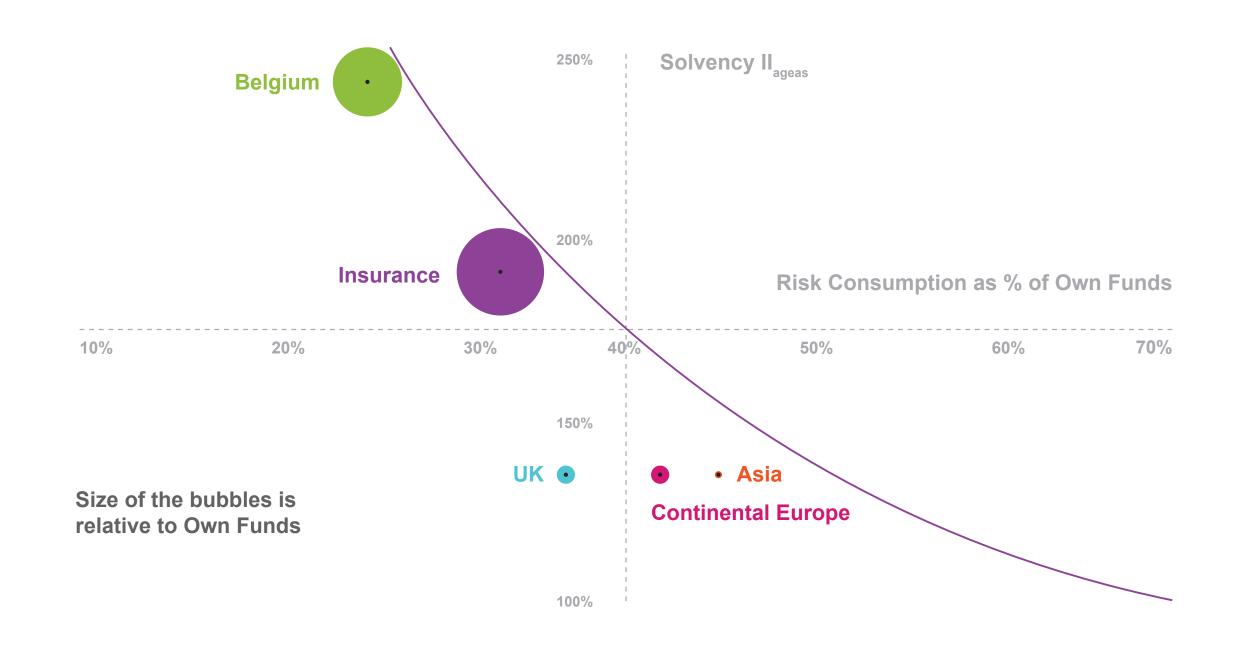
In EUR mio

Main concept	Definition	   	% SCR <sub>ageas</sub>	% Own Funds <sub>ageas</sub>	
Own Funds (OF)	Solvency II Own Funds	7,808	186%		
Target Capital (TC)	How much capital do we need given appetite?	† 7,330	† 175% 		
Risk Appetite (RA)	40% of Own Funds	3,123		40%	
Minimum Acceptable Capital	I SCR <sub>ageas</sub> (1/200 loss)	4,208	 		
Capital Consumption (CC)	How much capital are we consuming?	6,950	 	   	
Risk Consumption (RC)	Actual (1/30 loss)	2,742		35%	
Minimum Acceptable Capital	able Capital   SCR <sub>ageas</sub> (1/200 loss)			   	

RISK
APPETITE
& CAPITAL
MANAGEMENT

Bull's eye
reflects past
management
decisions in
terms of
capital
discipline
FY '14





RISK
APPETITE
& CAPITAL
MANAGEMENT

Current
Solvency
levels & risk
profile give
confidence
about
sustainability
of upstream

In EUR mio	Net profit FY '14	Dividend	Overall observations	Read-through for cash upstream
BE	392	294	Low volatility - low interest rate & spread risk - very well capitalised	High level of cash upstream sustainable
UK*	117	≈ 70	Low volatility – short tail business Moderate capitalization in line with moderate risk profile	Upstream level depending on approval Partial Internal Model Non-Life
CEU*	56	≈ 45	Mix of stable Non-Life & Life exposed to market risk – Appropriately capitalised after capital management actions in 2014	Reasonable dividend upstream
Asia*	172	≈ 50	Overall well capitalised NCP's – AICA in process of being sold	Mix of capital demanding & some cash generating NCPs



<sup>\*</sup> Including NCP

# SENSITIVITIES

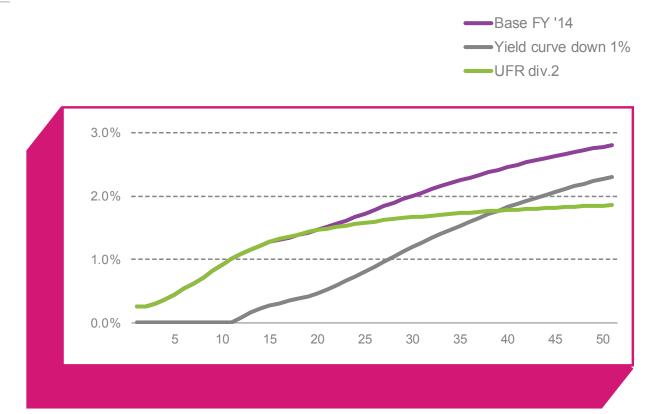
AGEAS
INSURANCE
SOLVENCY
SENSITIVITIES

Adequately capitalised even after severe stress tests

FY '14

As per 31/12/14

	Assumption	Insurance Solvency
Base case	Before stress	   <b>186%</b> 
Equity	Down 30%	189%
Spread	75% of SF capital charge for corporates applied to all bonds	175%
Yield curve	Down 1% (floor 0%, no UFR changes)	162%
Property	Down 20%	184%
Ultimate Forward Rate (UFR)	Divided by 2	169%





## FUTURE REPORTING



#### Broader than current reporting on Solvency I

- > As of **FY 2015**
- > On quarterly basis
- > SCR & Own Funds per **segment**
- > Reconciliation IFRS equity to Solvency II Own Funds
- > SCR per risk type
- > Standard formula (PIM when approved) + Solvency II ageas



# CONCLUSIONS

#### conclusions | So id base for a smooth transition

#### Ageas uses Solvency ageas for capital management & risk appetite

Floored by Local Solvency constraints High quality of Own Funds without any material reliance on transitional mesures Remaining uncertainties on Insurance level manageable Contingent liabilities General Account excluded

#### **Target Insurance Solvency II**<sub>ageas</sub> 175%

FY'14 & 6M '15 Solvency position comfortably above target

#### Risk appetite 40% Own Funds

Clear limit on risk taking & acceptable volatility levels Resulting sensitivities manageable Effective risk position clearly within limits

#### Ageas will continue to deliver on its commitments

Continuation of Ageas's policy on upstream & dividend pay-out Material impact on business choices already factored in day-to-day management



### SCR per risk type

Description



Market	Reduction in value of assets due to market movements in interest rates, spreads, equity, property & currencies.		
NL Underwriting	Losses due unfavourable experience in non-life loss ratios, unfavourable loss development, and catastrophic events.		
Life Underwriting	Losses due to unfavourable experience in life underwriting assumptions such as mortality rates, lapses & expenses.		
Operational	Losses due to failure in internal processes or other external events.		
Health	Losses due to unfavourable experience in health underwriting assumptions such as mortality & disability rates, expenses & medical expense inflation.		
Counterparty Default	Losses due to counterparty defaults on cash & derivative exposures, reinsurance recoverables & residential mortgage loans.		
Non Controlled Participations	Non diversified impact of Tesco & Luxembourg		
Intangible	Reduction in value of intangible assets (intellectual property…)		
Profit Sharing mitigation	Loss absorbing effect due to a reduction in policyholder discretionary benefits.		
Diversification	Reduction in required capital due to the non fully correlated sub-risks.		
LADT	Loss absorbing effect due to the effect of deferred taxation.		

#### Glossary



AC	Available Capital. It is defined by EIOPA and based on the companies' valuation of the market – consistent value of assets minus the market – consistent value of obligations.
CC	Capital Consumption. It is defined as sum of SCRageas and Risk Consumption.
Eligible Own Funds	Capital (either on or off – balance sheet) which, under regulatory rules, may be taken into account (fully or partially) in determining the insurer's available capital for Solvency purposes. It corresponds to AC Own Funds minus the non-transferable Own Funds.
MCR	Minimum Capital Requirement. It is the capital level representing the final threshold that triggers ultimate supervisory measures in the event that it is breached. Under standard model, it is considered as 40% of SCR.
Non-transferable Own Funds	The amount of the Own Funds that cannot be available to upstream to Ageas group, currently it consists of the diversification between the controlled entities and the excess that is attributable to an outside shareholders in a controlled entity.
Own Funds	Under Solvency II, capital is referred to as Own Funds. For Solvency II purposes the Own Funds are divided in tier 1 unrestricted, tier 1 restricted 2 and 3 to classify the "quality" of the Own Funds items.
IM	Internal Model.
PIM	Partial Internal Model.
RA	Risk Appetite. The budget foreseen for taking risk in pursuit of strategic objectives, limited to 40% of Own Funds.
RC	Risk Consumption. It is defined as an impact of 1 in 30 shock on the Own Fund.
SCR	Solvency Capital Requirement. It is the amount of capital to be held by an insurer to meet the Pillar I requirements under the Solvency II regime. The SCR may be calculated using either approved (Partial) internal model ((P)IM) or the standard formula (SF).
SCR Ageas	This SCR is tailor-made to Ageas (in comparison to SCR SF), specifically on Non-Life risk and spread risk. It is used for Risk and Capital management.
SF	Standard Formula.
тс	Target Capital. It is the amount of capital that is aimed to be held in Ageas. Currently, it is considered as 175% of SCR <sub>ageas</sub> .

# Ageas will make very limited use of transitionals



Transitional measures provided by EIOPA	Ageas choices*
To insurers in run-off by 01/01/16, a 3 or 5 year	×
Repackaged loans : requirements only apply if new underlying exposures added or substituted after 31/12/14	×
Currency risks Exposure to any member states' central governments or central banks denominated state will be treated in the same way as domestic currency exposures (2 years)	×
Capital charge for equities bought on or before 01/01/16 can be phased in over 7 years using the 22% charge applying under the duration-based approach as a starting point	×
Insurers that meet Solvency I Solvency requirements, will have up to 2 years, until 31/12/17, to comply with Solvency II SCR requirements	×
Firms can apply for approval of internal models for part of a group where a firm and its ultimate parent are situated in the same member state (6 years)	×
Valuation of technical provisions according to Solvency II principles with adjustment to relevant risk-free rate term structure, taking into account the level of Solvency I interest rates (16 years).	×
Deduction to technical provisions applied at the level of homogeneous risk groups (16 years)	×
Consolidation of third country activities based on local rules during Preparatory Phase will still ultimately be subject to an equivalence assessment as set out in the Directive & Delegated Acts	×
3 years extended reporting deadlines – 4th year Solvency compliant	<b>~</b>
Solvency I compliant capital instruments issued before 01/01/16 will be grandfathered for up to 10 years - possible disadvantages for new already Solvency II compliant instruments	V

\*Ageas choices @ group level

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monetary convergence and the Economic and Monetary Union, (x) changes in the policies of central banks and/or foreign governments and (xi) general competitive factors, in each case on a global, regional and/or national basis. In addition, the financial information contained in this presentation, including the pro forma information contained herein, is unaudited and is provided for illustrative purposes only. It does not purport to be indicative of what the actual results of operations or financial condition of Ageas and its subsidiaries would have been had these events occurred or transactions been consummated on or as of the dates indicated, nor does it purport to be indicative of the results of operations or financial condition that may be achieved in the future.

